

712 Table S3. Country level Data Sources.

713 Attached as an excel file.

714 Sources

COUNTRY	COD E	I D	PERI OD	A D M I N I S T R A T I O N A L	SOURCES	NOTES	R E F E R E N C E N O.
AFGHANISTAN	AFG	2	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5; AIMS, FAO (2003)		1, 2
			1997-2000	0	FAOSTAT	AEI constant	3
			1997	1	GMIA v4; AIMS, FAO (2003)		4, 2
			1967-1997	0	FAOSTAT	FAOSTAT trend scaled to data on years 1967 and 1997	3
			1967	1	CENSUS		5
			1931-1966		Interpolated		0
			1930	0	Estimate	Based on Central Asian and Turkey development	0
			1901-1929		Interpolated		0
			1900	0	IWMI working paper 49 (Qureshi, 2002)		6
ALBANIA	ALB	6	1995-2015	0	FAOSTAT		3
			1990	2	FAO (1992)		7
			1961-1990	0	FAOSTAT		3
			1951-1960		Interpolated		0
			1950	0	Toepfer (1993)		8
			1939-1949		Interpolated		0
			1938	0	Toepfer (1993)		8
			1901-1937		Interpolated		0

			1900	0	Estimate	Assumed no irrigation, based on World Bank (1994)	9
ALGERIA	DZA	65	2010, 2015	1	Office National des Statistiques (2017)	Used AEI 2010 for 2010 and AEI 201402015 for 2015.	31 3
			2001- 2005	0	GMIA v5; FAO (2005)	Assumed constant	1, 10
			2001	1	Aquastat		11
			1994- 2000	0	FAOSTAT		3
			1993	1	AOAD (1994)	Scaled at national level to FAOSTAT	12
			1961- 1992	0	FAOSTAT		3
			1955- 1960		Interpolated		0
			1954	0	Framji et al. (198101983)		13
			1931- 1954		Interpolated		0
			1930	0	Commission Perspectives de Développement Economique et Social (1999)		14
			1901- 1929		Estimate	Assumed constant	0
			1900	0	Commission Perspectives de Développement Economique et Social (1999)		14
AMERICAN SAMOA	ASM	12	2010, 2015	0	FAOSTAT		3
			2004- 2005		Estimate	Assumed no irrigation	0
			2003	0	Census		15
			1900- 2002		Estimate	Assumed no irrigation	0
ANDORRA	AND	7	2010, 2015	0	FAOSTAT		3
			2000- 2005		Estimate	Assumed constant	0
			1990	0	EEA (1999)		16
			1900- 1989		Estimate	Assumed constant	0

ANGOLA	AGO	3	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5; FAO (2005)		1, 17
			2000	0	FAOSTAT		3
			1901-1960		Interpolated		0
			1900	0	Estimate	Assumed half of AEI in 1961	0
ANGUILLA	AIA	4	1961-2015	0	FAOSTAT		3
			1900-1960		Estimate	Assumed no irrigation	
ANTARCTICA	ATA	13	1961-2015	0	FAOSTAT		3
			1900-1960		Estimate	Assumed no irrigation	
ANTIGUA AND BARBUDA	ATG	15	2010, 2015	0	FAOSTAT		3
			1998-2005	0	Estimate	Assumed constant	0
			1993-1997	0	Aquastat		11
			1971-1992		Interpolated		0
			1970	0	Estimate		0
			1961-1969		Interpolated		0
			1960	0	Estimate		0
			1900-1959	0	Estimate	Assumed no irrigation	0
ARGENTINA	ARG	10	2015	1	Ministerio de Agricultura (2015)	For each province, AEI was calculated by taking the sum of Superficie Regada con Subterránea (Groundwater use) and Superficie Regada con Superficial (surface water use)	31 4
			2010	0	Estimate	Interpolated between AEI of 2005 and 2015	0
			2005	0	Estimate	Assumed constant at the level of year 2000	0
			2000	1	GMIA v5	Maximum of AEI reported in three inventories for period 199502002	1, 18

						02 0
			1995	1	GMIA v5	1, 20
			1989- 1994		Interpolated	0
			1988	1	INDEC (1988)	Subnational AAI data scaled to FAOSTAT at national level
			1980- 1985	1	Fiorentino (1988)	Subnational AAI data scaled to FAOSTAT at national level
			1961- 1980	0	FAOSTAT	3
			1938- 1960		Interpolated	0
			1937	1	Framji et al. (198101983)	13
			1928- 1936		Interpolated	0
			1927	1	Sisson & Whitbeck (1933)	Scaled sub0national data to 3,000,000 acres as national total
			1900- 1926	1	Estimated, HYDE	Subnational data from year 1927 scaled to match to the relative change in HYDE (version 3.1, central estimate) cropland extent
ARMENIA	ARM	11	2010, 2015	0	FAOSTAT	3
			2006	0	GMIA v5, Ministry of Territorial Administration (2007)	1, 25
			2001- 2005		Interpolated	0
			1995- 2000	0	FAOSTAT	3
			1992	1	GMIA v4, Republic of Armenia (1993)	4, 26
			1975- 1991	0	AQUASTAT, FAO (1997)	27
			1970		Interpolated	0
			1930- 1963	0	Greenwood (1965)	Interpolated between 1920 and AEI reported in Greenwood (1965) for 1930, 1938, 1950, 1958 and 1963
			1920		Extrapolated	Extrapolated using trend between 1919 and 1913

			1919	0	Shtepa et al. (1985)		29
			1914-1918		Interpolated		0
			1913	0	Shtepa et al. (1985)		29
			1900-1912	0	Estimate	Assumed constant (1913 value)	0
ARUBA	ABW	1	1961-2015	0	FAOSTAT		3
			1900-1960		Estimate	Assumed no irrigation	0
AUSTRALIA	AUS	16	2018	2	ABARES (2019)	AEI 2015 at sub-national level was calculated by taking the maximum of AAI of 2015 (from ABS) and AAI (from ABARES) for 2018.	35 8
			2015	2	ABS (2017)		31 5
			2010	0	Interpolated		-
			2006	0	GMIA v5, ABS (2008), BRS (2010)		1, 30 , 31
			1997-2005		Interpolated		-
			1997	2	Australian Bureau of Statistics	AAI reported for year 1997 scaled with the GMIA v5 sub-national scale factor (ratio between AAI and AEI in 2006)	32
			1995	2	Australian Bureau of Statistics	AAI reported for year 1994 scaled with the GMIA v5 sub-national scale factor (ratio between AAI and AEI in 2006)	32
			1990	2	Australian Bureau of Statistics	AAI reported for year 1990 scaled with the GMIA v5 sub-national scale factor (ratio between AAI and AEI in 2006)	32
			1985	2	Australian Bureau of Statistics	AAI reported for year 1984 scaled with the GMIA v5 sub-national scale factor (ratio between AAI and AEI in 2006)	32
			1980		Interpolated		-

			1950-1976	1	Commonwealth Bureau of Census and Statistics (1950-1977)	AAI scaled with the GMIA v5 sub-national scale factor (ratio between AAI and AEI in 2006)	33
AUSTRIA	AUT	17	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	2	EUROSTAT		35
			2000	1	EUROSTAT		35
			1995	1	EUROSTAT		35
			1990	0	FAOSTAT		3
			1967-1989		Interpolated		-
			1966	0	Framji et al. (1981-1983)		13
			1946-1967		Interpolated		-
			1945	0	Framji et al. (1981-1983)		13
			1900-1944	0	Estimate	Scaled based on relative changes of AEI in Germany	-
AZERBAIJAN	AZE	18	2010, 2015	1	Ministry of Economy (2021)		31 6
			2004-2005	0	Estimate	Assumed constant (2003 value)	-
			2003	0	GMIA v5, FAO (2009)		1, 36
			1998-2000	0	FAOSTAT		3
			1973-1997	0	AQUASTAT, FAO (1997)		27
			1970	0	Interpolated		-
			1925-1960	0	Estimate	Trend from Kyrgystan and Uzbekistan used to scale the value for year 1974 for each time step	-
			1914-1924	0	Estimate	Trend from Armenia for years 1910-1920 used to scale value for year 1913 to year 1920	-
			1913	0	AQUASTAT, FAO (1997)		27

			1900-1912		Estimate	Assumed constant (based on USSR data; Framji et al. 1983-1985)	-
BAHAMAS	BHS	26	1961-2015	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed no irrigation	-
BAHRAIN	BHR	25	2010, 2015	0	FAOSTAT		3
			2002-2005	0	Estimate	Assumed constant (2001 value)	-
			2001	0	GMIA v5, AOAD (2003)		1, 37
			1995-2000	0	AQUASTAT		11
			1961-1990	0	FAOSTAT		3
			1900-1961		Interpolated		-
			1900	0	Estimate		-
BANGLADESH	BGD	23	2017	1	BADC (2017)		31
							8
			2015	0	BADC (2015)		31
							7
			2010	0	FAOSTAT		3
			2008	0	GMIA v5, BADC (2008)		1, 38
			2001-2007		Interpolated		-
			2000	0	FAOSTAT		3
			1995	3	GMIA v4, FAO (1999), BBS (2004)		4, 39, 40
			1961-1990	0	FAOSTAT		3
			1948-1960		Interpolated		-
			1947	0	Estimate	1/2 of 1961	-
			1900-1946		<i>See India (Bangladesh was part of Indian Empire)</i>		-
BARBADOS	BRB	33	1961-2015	0	FAOSTAT		3
			1900-1950		Estimate	Assumed no irrigation	-

BELARUS	BLR	28	2015	1	National statistical committee of the Republic of Belarus (2020)		320
			2010	1	National statistical committee of the Republic of Belarus (2013)		319
			2006	0	GMIA v5, National statistical committee of the Republic of Belarus (2011)		1,41
			2002-2005		Interpolated		-
			2001	0	National statistical committee of the Republic of Belarus (2011)		41
			1994-2000	0	Interpolated		-
			1993	0	FAO (1997)		27
			1980-1990	0	FAO (1997)		27
			1974	0	FAO (1997)		27
			1961-1973		Interpolated		-
			1926-1960	0	Estimate	Trend from Ukraine used to scale the value for year 1974 for each time step	-
			1914-1925	0	Estimate	Decline in irrigation due to war; USSR trend (Framji et al. 1981-1983) used for that	-
			1900-1913	0	Estimate	Trend from Ukraine used to scale the value for year 1974 for each time step	-
BELGIUM	BEL	20	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	312

			2005	2	EUROSTAT		35
			1990-2000	1	EUROSTAT		35
			1966-1989		Interpolated		-
			1965	0	Framji et al. (1981-1983)		13
			1950-1964		Interpolated		-
			1949	0	Framji et al. (1981-1983)		13
			1900-1948	0	Estimate	Scaled based on districts of Düsseldorf and Aachen (see Germany)	-
BELIZE	BLZ	29	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, Ballesterio et al. (2007)		1, 42
			1970-2000	0	FAOSTAT		3
			1900-1970		Estimate	Assumed no irrigation	-
BENIN	BEN	21	2010, 2015	0	FAOSTAT		3
			2003-2005	0	Estimate	Assumed constant (2002 value)	-
			2002	0	GMIA v5, FAO (2005)		1, 43
			1973-2000	0	AQUASTAT		11
			1961-1972	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed constant (1961 value)	-
BERMUDA	BMU	30	1900-2015	0	Estimate	Assumed no irrigation	-
BHUTAN	BTN	35	2010, 2016	1	NSB (2016)		32 1
			2007	0	GMIA v5, NSB (2009)		1, 44
			2001-2006		Interpolated		-
			1961-2000	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed constant (1961 value)	-

BOLIVIA	BOL	31	2015	3	INE (2015)		32
							2
			2010	0	FAOSTAT		3
			2000-2005	0	Estimate	Assumed constant (1999 value)	-
			1999	0	GMIA v5, FAO (2000)		1,45
			1961-1998	0	FAOSTAT		3
			1955-1960		Interpolated		-
			1954	0	Framji et al. (1981-1983)		13
			1949-1953		Interpolated		-
			1948	0	Framji et al. (1981-1983)		13
			1943-1947		Interpolated		-
			1942	0	Framji et al. (1981-1983)		13
			1901-1941		Interpolated		-
			1900	0	Estimate		-
BOSNIA AND HERZEGOVINA	BIH	27	2010, 2015	0	FAOSTAT		3
			2010	0	Federal Ministry of Agriculture, Water Management and Forestry (2010)		46
			2001-2009		Interpolated		-
			1995-2000	0	FAOSTAT		3
			1961-1990	0	Estimate	Scaled based on trend in AEI in former Yugoslavia derived from FAOSTAT	-
			1954-1960		Interpolated		-
			1953	0	Estimate	Derived from Freydank and Siebert (2008)	47
			1900-1952	0	Estimate	Assumed constant (1953 value)	-
BOTSWANA	BWA	37	2010, 2015	0	FAOSTAT		3
			2003-2005	0	Estimate	Assumed constant (2002 value)	-

			2002	0	GMIA v5, FAO (2003)		1,48
			2000	0	AQUASTAT		11
			1991-1999		Interpolated		-
			1990	0	AQUASTAT		11
			1961-1989	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed no irrigation	-
BOUVET ISLAND	BVT	36	1900-2015	0	Estimate	Assumed no irrigation	-
BRAZIL	BRA	32	2017	2	IBGE (2017)		323
			2010	0	FAOSTAT	-	3
			2006	0	GMIA v5, IBGE (2006)		1,49
			2002-2005		Interpolated		-
			2001	1	GMIA v4, ANA (2003)		4,50
			1996-2000		Interpolated		-
			1995	1	IBGE (1996)		51
			1990	0	Christofidis (2002)		52
			1960-1985	1	ANA (2009)		53
			1950	0	FAO (2000)		18
			1931-1949		Interpolated		-
			1930	1	Sisson and Whitbeck (1933)		23
			1900-1929	1	Estimate	Assumed constant (1930 value)	-
BRITISH INDIAN OCEAN TERRITORY	IOT	106	1900-2015	0	Estimate	Assumed no irrigation	-
BRITISH VIRGIN ISLANDS	VGB	239	1900-2015	0	Estimate	Assumed no irrigation	-
BRUNEI DARUSSALAM	BRN	34	2010, 2015	0	FAOSTAT	-	3

			2000, 2005	0	Estimate	Assumed constant (1995 value), no more recent data available	-
			1995	0	GMIA v5, FAO (2011)		1, 54
			1980- 1990	0	FAOSTAT		3
			1900- 1980	0	Estimate	Assumed no irrigation	-
BULGARIA	BGR	24	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			2003	1	EUROSTAT		35
			1997- 2002		Interpolated		-
			1996	0	Chehlarova- Simeonova et al. (2006)		55
			1990- 1995		Interpolated		-
			1989	0	Chehlarova- Simeonova et al. (2006)		55
			1961- 1988	0	FAOSTAT		3
			1950- 1960		Interpolated		-
			1949	0	Framji et al. (1981-1983)		13
			1944	0	Framji et al. (1981-1983)		13
			1901- 1943		Interpolated		-
			1900	0	Framji et al. (1981-1983)		13
BURKINA FASO	BFA	22	2010, 2015	0	FAOSTAT	-	3
			2005	0	GMIA v5, FAO (2005)		1, 56
			1961- 2000	0	FAOSTAT		3
			1901- 1960		Interpolated		-
			1900	0	Estimate		-

BURUNDI	BDI	19	2010, 2015	0	FAOSTAT		3
			2001-2005	0	Estimate	Assumed constant (2000 value), no more recent data available	-
			2000	0	GMIA v5, FAO (2005)		1, 57
			1961-1999	0	FAOSTAT		3
			1956-1960	0	Estimate	Scaled based on the trend of AEI in Uganda	-
			1900-1955	0	Estimate	Assumed no irrigation	-
CAMBODIA	KH M	12 1	2010, 2015	0	FAOSTAT		3
			2009	0	GMIA v5, MRC (2009)		1, 58
			2001-2008		Interpolated		-
			1993-2000	0	AQUASTAT		11
			1961-1992	0	FAOSTAT		3
			1900-1960	0	Estimate	Scaled based on the trend of AEI in Vietnam	-
CAMEROON	CMR	47	2010, 2015	0	FAOSTAT	-	3
			2001-2005	0	Estimate	Assumed constant (2000 value), no more recent data available	-
			2000	0	AQUASTAT		11
			1961-1995	0	FAOSTAT		3
			1957-1960	0	Estimate	Extrapolated based on trend of AEI in period 61-70	-
			1900-1956	0	Estimate	Assumed no irrigation	-
CANADA	CAN	41	2010, 2016	1	Statistics Canada (2016)	Scaled with the ratio AAI vs AEI from GMIA v5 at the province level	32 4
			2015	0	Interpolated		-
			2006	0	GMIA v5		1
			2002-2005		Interpolated		-

			2001	2	Statistics Canada (2001a, 2001b)	Scaled with the ratio AAI vs AEI from GMIA v5 at the province level	59 , 60
			1995	1	Statistics Canada (1996)	Scaled with the ratio AAI vs AEI from GMIA v5 at the province level	61
			1990	1	Statistics Canada (1996)	Scaled with the ratio AAI vs AEI from GMIA v5 at the province level	61
			1970-1985	0	FAOSTAT	Scaled with the ratio AAI vs AEI from GMIA v5 at the national level	3
			1960	0	Framji et al. (1981-1983)		13
			1931-1959		Interpolated		-
			1930	0	Framji et al. (1981-1983)		13
			1916-1929		Interpolated		-
			1915	0	Framji et al. (1981-1983)		13
			1901-1914		Interpolated		-
			1900	1	Framji et al. (1981-1983)		13
CAPE VERDE	CPV	53	2010, 2015	0	FAOSTAT	-	3
			1998-2005	0	Estimate	Assumed constant (1997 value)	-
			1997	0	Ministère de l'agriculture de l'élevage et de la sylviculture (1997)		62
			1988-1996	0	AQUASTAT		11
			1961-1987	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate	Assumed no irrigation	-
CAYMAN ISLANDS	CYM	57	1900-2015	0	Estimate	Assumed no irrigation	-

CENTRAL AFRICAN REPUBLIC	CAF	40	1988-2015	0	FAOSTAT		3
			1983-1987	0	AQUASTAT		11
			1961-1982	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed no irrigation	-
CHAD	TCD	216	2010, 2015	0	FAOSTAT	-	3
			2003-2005	0	Estimate	Assumed constant (2002 value)	-
			2002	0	GMIA v5, FAO (2005)		1,63
			1961-2000	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate		-
CHILE	CHL	44	1961-2015	0	FAOSTAT		3
			1930-1960		Interpolated		-
			1929	1	Sisson and Whitbeck (1933)		23
			1915-1928		Interpolated		-
			1914	0	Framji et al. (1981-1983)		13
			1900-1913	0	Estimate	Assumed constant (1914 value)	-
CHINA	CHN	45	2010, 2015	2	MARAC (2018)		359
			2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, Ministry of Water Resources (2006), Agriculture, Fisheries and Conservation Department (2002)		1,64,65
			2000	1	National Bureau of Statistics (2001)	Effective irrigation area (EIA); GMIA scale factor for year 2005 used to scale EIA to AEI	66

	1989-1999	1	National Bureau of Statistics (1990-2000)	Effective irrigation area (EIA); GMIA scale factor for year 2005 used to scale EIA to AEI	67
	1980-1988	1	National Bureau of Statistics (1981-1989)	Effective irrigation area (EIA); GMIA scale factor for year 2005 used to scale EIA to AEI	68
	1966-1979		Interpolated		-
	1965	0	Feng et al. (1999)	Effective irrigation area (EIA); GMIA scale factor for year 2005 used to scale EIA to AEI; Value for Tibet is calculated based on rate of Qinghai and Xinjiang provinces	69
	1961-1964		Interpolated		-
	1960	1	SSRC (1969), Feng et al. (1999)	Data for year 1956 scaled to national data based on Feng et al. (1999), effective irrigation area (EIA); GMIA scale factor for year 2005 used to scale EIA to AEI; Value for Tibet is calculated based on rate of Qinghai and Xinjiang provinces	69 , 70
	1950	1	SSRC (1969), Feng et al. (1999)	Data for year 1950 scaled to national data based on Feng et al. (1999), effective irrigation area (EIA); GMIA scale factor for year 2005 used to scale EIA to AEI; Value for Tibet is calculated based on rate of Qinghai and Xinjiang provinces	69 , 70
	1940	1	Estimate	Scaled based on HYDE crop area and percentage of crop area irrigated (at province level) in year 1950, value for Tibet is calculated based on rate of Qinghai and Xinjiang provinces	24
	1932	0	Bennet (1934)		71

			1900-1920	1	Buck (1937), Feng et al. (1999)	Scaled based on HYDE crop area, the percentage of crop area irrigated in year 1950 (at province level) was scaled based on Buck (1937) in provinces where data was available, value for Tibet is calculated based on rate of Qinghai and Xinjiang provinces	24 , 69 , 72
CHRISTMAS ISLAND	CXR	56	1900-2015	0	Estimate	Assumed no irrigation	-
COCOS ISLANDS	CCK	42	1900-2015	0	Estimate	Assumed no irrigation	-
COLOMBIA	COL	51	1961-2015	0	FAOSTAT		3
			1960	0	Framji et al. (1981-1983)		13
			1950	0	Framji et al. (1981-1983)		13
			1940	0	Estimate		-
			1933	1	Sisson and Whitbeck (1933)		23
			1900-1932	0	Estimate	Assumed constant (1933 value)	-
COMOROS	COM	52	1988-2015	0	FAOSTAT		3
			1983-1987	0	AQUASTAT		11
			1900-1982	0	Estimate	Assumed no irrigation	-
DEMOCRATIC REPUBLIC OF CONGO	COD	48	2000-2015	0	FAOSTAT		3
			1995	0	GMIA v5, FAO (2004)		1, 73
			1961-1990	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed no irrigation	-
CONGO, REP.	COG	49	2004-2015	0	FAOSTAT		3
			2003	0	GMIA v5, UNECA (2003)		1, 74

			1970-2000	0	FAOSTAT		3
			1900-1969	0	Estimate	Assumed no irrigation	-
COOK ISLANDS	COK	50	1900-2015	0	Estimate	Assumed no irrigation	-
COSTA RICA	CRI	54	1961-2015	0	FAOSTAT		3
			1956-1960		Interpolated		-
			1955	0	FAO (2000)		75
			1921-1954		Interpolated		-
			1920	0	Freydank and Siebert (2008)	2/3 of AEI in 1955, based on the trend of AEI in Guatemala	47
			1900-1919	0	Estimate	Extrapolated based on 20-55 rate	-
COTE D'IVOIRE	CIV	46	1998-2015	0	FAOSTAT		3
			1993-1997	0	AQUASTAT		11
			1961-1992	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate		-
CROATIA	HRV	100	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	312
			1992-2005	0	FAOSTAT		3
			1991	0	Estimate	Assumed constant (1990 value)	-
			1961-1990	0	Estimate	Scaled based on trend in AEI for former Yugoslavia	-
			1954-1960		Interpolated		-
			1953	0	Estimate		-
			1900-1952	0	Estimate	Assumed constant (1953 value)	-

CUBA	CUB	55	1970-2015	0	FAOSTAT		3
			1959-1969		Interpolated		-
			1958	0	FAO (2000)		76
			1950-1957		Interpolated		-
			1949	0	Framji et al. (1981-1983)		13
			1901-1948		Interpolated		-
			1900	0	Freydank and Siebert (2008)	1/2 of AEI in 1949	47
CYPRUS	CYP	58	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	0	EUROSTAT		35
			2003	0	GMIA v5, Republic of Cyprus (2006), Elkiran and Ergil (2006)		1, 77 , 78
			1998-2002		Interpolated		-
			1993-1997	0	AQUASTAT		11
			1961-1992	0	FAOSTAT		3
			1955-1960		Interpolated		-
			1954	0	Framji et al. (1981-1983)		13
			1901-1953		Interpolated		-
			1900	0	Freydank and Siebert (2008)	1/2 of AEI in 1954	47
CZECH REPUBLIC	CZE	59	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35

			2003	1	EUROSTAT		35
			1997-2002		Interpolated		-
			1996	1	Štastná et al. (2006)		79
			1990-1995		Interpolated		-
			1989	1	Štastná et al. (2006)		79
			1985-1988		Interpolated		-
			1984	1	Štastná et al. (2006)		79
			1980-1983		Interpolated		-
			1979	1	Štastná et al. (2006)		79
			1970-1978		Interpolated		-
			1969	1	Štastná et al. (2006)		79
			1941-1968		Interpolated		-
			1940	0	Štastná et al. (2007)		80
			1900-1939	0	Estimate	Scaled based on trend in AEI for Germany	-
DENMARK	DNK	63	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			1961-2000	0	FAOSTAT		3
			1951-1960		Interpolated		-
			1950	1	Estimate		-
			1900-1940	1	Estimate	Assumed constant (1900 value)	-
			1900	1	Framji et al. (1981-1983)	Sub-national division based on Emanuelsson and Moeller (1990)	13 , 81
DJIBOUTI	DJI	61	2010, 2015	0	FAOSTAT		3

			2000-2005	0	GMIA v5, FAO (2005), FAOSTAT	AEI from year 1999 scaled with the trend from FAOSTAT	1, 82, 3
			1999	0	GMIA v5, FAO (2005)		1, 82
			1961-1998	0	FAOSTAT		3
			1960	0	Estimate	Assumed constant (1961 value)	-
			1900-1960	0	Estimate	Assumed no irrigation	-
DOMINICA	DMA	62	2010, 2015	0	FAOSTAT		3
			2005	0	Estimate	Assumed no irrigation	-
			2000	0	FAO (2000)	No irrigation	83
			1900-1999	0	Estimate	Assumed no irrigation	-
DOMINICAN REPUBLIC	DOM	64	2010, 2015	0	FAOSTAT		3
			2010	0	GMIA v5, INDRHI (2010)		1, 84
			2001-2008		Interpolated		-
			2000	0	FAOSTAT		3
			1995-1999		Interpolated		-
			1994	0	GMIA v4, FAO (2000)		4, 85
			1981-1993		Interpolated		-
			1980	0	AQUASTAT, FAO (2000)		11, 85
			1955-1979		Interpolated		-
			1954	0	AQUASTAT, FAO (2000)		11, 85
			1942-1953		Interpolated		-
			1941	0	AQUASTAT, FAO (2000)		11, 85
			1931-1940		Interpolated		-
			1930	0	Framji et al. (1981-1983)		13
			1901-1929		Interpolated		-

			1900	0	Freydank and Siebert (2008)	Estimate	47
EAST TIMOR	TLS	22	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, Democratic Republic of Timor Leste (2010)		1, 86
			1990-2000	0	FAOSTAT		3
			1900-1989	0	Estimate	Scaled based on trend of AEI in Indonesia	-
ECUADOR	ECU	66	2010, 2015	0	Estimate	Assumed constant (2005 value)	-
			2005	2	GMIA v5, INEC (2008)		1, 87
			1961-2000	0	FAOSTAT		3
			1931-1960		Interpolated		-
			1930	0	Sisson and Whitbeck (1933)		23
			1900-1930	0	Estimate	Assumed constant (1930 value)	-
EGYPT	EGY	67	2010, 2015	0	FAOSTAT		3
			2003-2005	0	Estimate	Assumed constant (2002 value)	-
			2002	1	GMIA v5, Ministry of Agricultural and Land reclamation (2003)		1, 88
			1993	1	GMIA v2.1, Siebert et al. (2002)		89
			1980-1993		Interpolated		-
			1980	0	Framji et al. (1981-1983)		13
			1969-1979		Interpolated		
			1968	0	Framji et al. (1981-1983)		13
			1960-1967		Interpolated		
			1959	0	Framji et al. (1981-1983)		13
			1952	0	Meyer (1993)		90

			1901-1951		Interpolated		-
			1900	0	Framji et al. (1981-1983)		13
EL SALVADOR	SLV	201	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, Division de Riego y Drenaje (2007)		1, 91
			1961-2000	0	FAOSTAT		3
			1951-1960		Interpolated		-
			1950	0	AQUASTAT, FAO (2000)		11, 92
			1901-1949		Interpolated		-
			1900	0	Freydank and Siebert (2008)	Estimate	47
EQUATORIAL GUINEA	GNQ	89	2010, 2015	0	FAOSTAT	No irrigation	3
			2005	0	FAO (2005)	No irrigation	93
			1900-2004	0	Estimate	Assumed no irrigation	-
ERITREA	ERI	68	2010, 2015	0	FAOSTAT		3
			1994-2005	0	FAOSTAT	No change in AEI	3
			1993	0	GMIA v5, FAO (2005)		1, 94
			1963-1990	0	Framji et al. (1981-1983), interpolated	Ethiopia PDR (Framji et al. 1981-1983) * AEI Eritrea 1993 / (AEI Eritrea 1993 + AEI Ethiopia 1993)	13
			1900-1962	0	Estimate	Scaled based on trend of AEI for Ethiopia	-
ESTONIA	EST	71	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	0	GMIA v5		1

			2000	0	Estimate	AEI set to value for year 2005	-
			1996	1	GMIA v4, FAO (1998)		4,95
			1991-1995		Interpolated		-
			1973-1990	0	AQUASTAT, FAO (1997)		11,27
			1961-1972		Interpolated		-
			1926-1960	0	Estimate	Trend in AEI from Ukraine used to scale year 1973 value to each time step	-
			1914-1925	0	Estimate	Decline in irrigation due to war; USSR trend in AEI used for that	-
			1900-1913	0	Estimate	Trend in AEI from Ukraine used to scale year 1973 value to each time step	-
ETHIOPIA	ETH	72	2010, 2015	0	Estimate	Assumed constant (2005 value)	-
			2002-2005	0	GMIA v5, FAOSTAT	Assumed constant (2001 value), AEI in FAOSTAT constant as well	1,3
			2001	0	GMIA v5		1
			1996-2000		Interpolated		-
			1995	0	FAOSTAT		3
			1963-1990	0	Framji et al. (1981-1983), interpolated	Ethiopia PDR (Framji et al. 1981-1983) * AEI Ethiopia 1993 / (AEI Eritrea 1993 + AEI Ethiopia 1993)	13
			1901-1962		Interpolated		-
			1900	0	Freydank and Siebert (2008)	Estimate	47
FAROE ISLANDS	FRO	77	1900-2015	0	Estimate	Assumed no irrigation	-
FALKLAND ISLANDS	FLK	75	1900-2015	0	Estimate	Assumed no irrigation	-
MICRONESIA	FSM	78	2010, 2015	0	FAOSTAT		3
			1900-2005	0	Estimate	Assumed no irrigation	-

FIJI	FJI	74	1961-2015	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed no irrigation	-
FINLAND	FIN	73	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			2000	1	EUROSTAT		35
			1995	1	EUROSTAT		35
			1961-1990	0	FAOSTAT		3
			1959-1960		Extrapolated (based on 1961-64 rate)	AEI declines to 0 in year 1959	-
			1950	0	Estimate	Assumed no irrigation	-
			1901-1949	0	Interpolated		-
			1900	0	Estimate, Michelsen (1986); Emanuelsson & Möller (1990)	Estimated 10000 ha of irrigated pasture	81 , 96
FRANCE	FRA	76	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			1990-2000	2	IFEN (2005)		97
			1988	2	IFEN (2005)		97
			1980-1987		Interpolated		-
			1979	2	IFEN (2005)		97
			1970	2	IFEN (2005)		97
			1961	0	FAOSTAT		3
			1899-1960		Interpolated	Elsaß-Lothringen area added to France statistics on 1919	-
			1898	0	Wilson (1898)		98

FRENCH GUIANA	GUF	94	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2007	0	GMIA v5, MAAPAR (2010)		1, 99
			2001-2006		Interpolated		-
			1961-2000	0	FAOSTAT		3
			1960	0	Estimate	AEI set to value for year 1961	-
			1900-1959	0	Estimate	Assumed no irrigation	-
FRENCH POLYNESIA	PYF	186	1961-2015	0	FAOSTAT	No irrigation before 1988	3
			1900-1960	0	Estimate	Assumed no irrigation	-
GABON	GAB	79	1961-2015	0	FAOSTAT		3
			1951-1960	0	Estimate	AEI set to value for year 1961	-
			1900-1950	0	Estimate	Assumed no irrigation	-
GAMBIA	GMB	87	2010, 2015	0	FAOSTAT		3
			2000-2005	0	Estimate	Assumed constant (1999 value), AEI in FAOSTAT constant as well	1, 3
			1999	0	GMIA v5, ICDF (1999)		1, 10 0
			1995	0	FAOSTAT		2
			1990	0	AQUASTAT		11
			1961-1985	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed constant (1961 value)	-
GEORGIA	GEO	81	2010, 2015	0	FAOSTAT		3

			2006	0	GMIA v5, FAO (2011)		1, 10 1
			2001-2005		Interpolated		-
			1995-2000	0	FAOSTAT		3
			1990	0	AQUASTAT		11
			1925-1985	0	Estimate	Trend of Kyrgystan and Uzbekistan used to interpolate between 1925 and 1990	-
			1901-1924	0	Estimate	Trend of Armenia used to calculate the AEI by using year 1900 as a starting point	-
			1900	0	FAO (1997)		27
GERMANY	DEU	60	2010, 2015	1	EUROSTAT		31 2
			2009	1	DESTATIS (2011)		10 2
			2002-2008		Interpolated		-
			2001	1	Fricke and Heidorn (2004)		10 3
			1996-2000		Interpolated		-
			1995	1	Roth et al. (1995)		10 4
			1990-1994		Interpolated		-
			1989	1	Simon (2009)	For West Germany (FRG) average over year 1986 and 1994	10 5
			1986	1	Simon (2009)		10 5
			1984-1985		Interpolated		-
			1983	1	Simon (2009)		10 5
			1976-1982		Interpolated		-
			1975	1	Simon (2009)	East Germany (GDR): year 1975 used; West Germany (FRG): year 1969 used	10 5
			1964-1974		Interpolated		-
			1963	1	Kappes (1990), Meissner (1991), Wolff et al. (1996)		10 6- 10 8

			1953-1962		Interpolated		-
			1952	1	Kappes (1990), Meissner (1991), Wolff et al. (1996)		10 6- 10 8
			1936-1951		Interpolated		-
			1935	1	Statistisches Reichsamt (1936)		10 9
			1928-1934		Interpolated		-
			1927	1	Statistisches Reichsamt (1930)		11 0
			1913-1926		Interpolated		-
			1912	1	Kaiserliches Statistisches Amt (1913)		11 1
			1900-1911	0	Estimate	Assumed constant (1912 value)	-
GHANA	GHA	83	2010, 2015	0	FAOSTAT	Added 26,000 on top of FAO 2010 and 2015 values	3
			2005	1	GMIA v5, Drechsel et al. (2006), FAO (2005)		1, 11 2, 11 3
			2000	0	GMIA v4, GIDA (2001), FAO (2005)		4, 11 4, 11 3
			1961-1995	0	FAOSTAT		3
			1954-1960		Interpolated		-
			1953	0	Freydank and Siebert (2008)	Estimate	47
			1901-1952		Interpolated		-
			1900	0	Freydank and Siebert (2008)	Estimate	47
GIBRALTAR	GIB	84	1900-2015	0	Estimate	Assumed no irrigation	-
GREECE	GRC	90	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007,	31 2

					2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	
			2005	1	EUROSTAT	35
			2000	1	EUROSTAT	35
			1995	1	EUROSTAT	35
			1991	2	National Statistical Service of Greece (1998)	11 5
			1986-1990		Interpolated	-
			1980-1985	0	FAOSTAT	3
			1971	2	National Statistical Service of Greece (1978)	AAI, scaled at province level to AEI based on the AAI/AEI ratio from the 1991 CENSUS data 11 6
			1962-1970		Interpolated	-
			1961	2	National Statistical Service of Greece (1965)	AAI, scaled at province level to AEI based on the AAI/AEI ratio from the 1991 CENSUS data 11 7
			1951-1960		Interpolated	-
			1950	2	National Statistical Service of Greece (1958)	AAI, scaled at province level to AEI based on the AAI/AEI ratio from the 1991 CENSUS data 11 8
			1930-1949		Interpolated	-
			1929	2	National Statistical Service of Greece (1934)	AAI, scaled at province level to AEI based on the AAI/AEI ratio from the 1991 CENSUS data 11 9
			1901-1928		Interpolated	-
			1900	0	Estimate	-
GREENLAND	GRL	92	1900-2015	0	Estimate	Assumed no irrigation -
GRENADA	GRD	91	2010, 2015	0	FAOSTAT	3
			2005	0	GMIA v5	1
			1990-2000	0	FAOSTAT	No irrigation reported before 1990 3
			1900-1985	0	Estimate	Assumed no irrigation -

GUADELOUPE	GLP	86	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2007	0	GMIA v5, MAAPAR (2010)		1, 99
			2001-2006		Interpolated		-
			1961-2000	0	FAOSTAT		3
			1900-1960	0	Estimate	Extrapolated using trend in AEI 1961-1970, therefore no irrigation in 1950 and years before	-
GUAM	GUM	95	2010, 2015	0	FAOSTAT		3
			2007	0	GMIA v5, NASS (2004), NASS (2009)		1, 12 0, 12 1
			2001-2006		Interpolated		-
			2000	0	GMIA v4		4
			1989-1999	0	Freydank and Siebert (2008)	Estimate	47
			1900-1988	0	Estimate	Assumed no irrigation	-
GUATEMALA	GTM	93	2005, 2010, 2015	0	FAOSTAT		3
			2003	1	INECNA (2003)		32 5
			2004	0	GMIA v5, Ballesteros et al. (2007)		1, 42
			2000	0	Estimate	AEI set to 130000 ha based on the data for years 1997 and 2004	-
			1997	0	GMIA v4, FAO (2005)		4, 12 2
			1961-1995	0	FAOSTAT		3

			1921-1960		Interpolated		-
			1920	0	FAO (2000)		18
			1900-1919	0	Estimate	Extrapolated based on 1920-61 rate	-
GUINEA	GIN	85	2010, 2015	0	FAOSTAT		3
			2002-2005	0	Estimate	AEI set to value for year 2001	-
			2001	0	GMIA v5, FAO (2005)		1, 12 3
			1995-2000	0	AQUASTAT		11
			1961-1990	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Freydank and Siebert (2008)	Estimate	47
GUINEA-BISSAU	GNB	88	1961-2015	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Freydank and Siebert (2008)	Estimate	47
GUYANA	GUY	96	1961-2015	0	FAOSTAT		3
			1960		Interpolated		-
			1959	0	Framji et al. (1981-1983)		13
			1950-1958		Interpolated		-
			1949	0	Framji et al. (1981-1983)		13
			1901-1948		Interpolated		-
			1900	0	Framji et al. (1981-1983)		13
HAITI	HTI	101	2010, 2015	0	FAOSTAT		3
			2001-2005	0	Estimate	AEI set to value for year 2000	-
			1961-2000	0	FAOSTAT		3
			1951-1960		Interpolated		-

			1950	0	Framji et al. (1981-1983)		13
			1911-1949		Interpolated		-
			1900-1910	0	Freydank and Siebert (2008)	Estimate	47
HEARD AND MCDONALD ISLANDS	HM D	98	1900-2015	0	Estimate	Assumed no irrigation	-
HONDURAS	HND	99	2010, 2015	0	FAOSTAT		3
			2009	1	DGRD (2009)		326
			2005	0	GMIA v5, Ballesteros et al. (2007)		1,42
			1995, 2000	0	FAOSTAT		3
			1991	0	GMIA v4, FAO (2000)		4,124
			1986-1990		Interpolated		-
			1961-1985	0	FAOSTAT		3
			1960		Interpolated		-
			1959	0	Framji et al. (1981-1983)		13
			1950	0	Framji et al. (1981-1983)		13
			1921-1949		Interpolated		-
			1920	0	Freydank and Siebert (2008)	Estimate: 2/3 of 1950	47
			1900-1919	0	Estimate	Extrapolated based on 1920-1950 rate	-
HUNGARY	HUN	102	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	312
			2005	1	EUROSTAT		35
			2001	1	Ligetvári et al. (2006)		125

			1979-2000		Interpolated		-
			1978	0	Framji et al. (1981-1983)		13
			1966-1977		Interpolated		-
			1967	0	Ligetvári et al. (2006)		12 5
			1960-1966		Interpolated		-
			1959	0	Framji et al. (1981-1983)		13
			1950-1958		Interpolated		-
			1949	0	Framji et al. (1981-1983)		13
			1901-1948		Interpolated		-
			1900	0	Framji et al. (1981-1983)		13
ICELAND	ISL	11 0	1900-2015	0	Estimate	Assumed no irrigation	-
INDIA	IND	10 5	2010, 2015	2	Ministry of Agriculture (2016a, 2016b)	District wise data scaled to FAOSTAT national AEI totals.	36 0, 36 1
			2010, 2015	0	FAOSTAT		3
			2005	0	Estimate	AEI set to value for year 2001	-
			2001	0	GMIA v5, Ministry of Agriculture (2009a, 2009b), Ministry of Water Resources (2005)		1, 12 6- 12 8
			2000	1	CSO (1966-2005)	AAI: scaled to AEI based on the AAI/AEI ratio from GMIA v5 (year 2001)	12 9
			1996	1	CSO (1966-2005)	AAI: scaled to AEI based on the AAI/AEI ratio from GMIA v5 (year 2001)	12 9
			1990-1995		Interpolated		-
			1989	1	CSO (1966-2005)	AAI: scaled to AEI based on the AAI/AEI ratio from GMIA v5 (year 2001)	12 9
			1985-1988		Interpolated		-

	1984	1	CSO (1966-2005)	AAI: scaled to AEI based on the AAI/AEI ratio from GMIA v5 (year 2001)	12 9
	1981	1	CSO (1966-2005)	AAI: scaled to AEI based on the AAI/AEI ratio from GMIA v5 (year 2001)	12 9
	1971-1980		Interpolated		-
	1970	1	CSO (1966-2005)	AAI: scaled to AEI based on the AAI/AEI ratio from GMIA v5 (year 2001)	12 9
	1960	1	CSO (1966-2005)	AAI: scaled to AEI based on the AAI/AEI ratio from GMIA v5 (year 2001)	12 9
	1957-1959		Interpolated		-
	1956	0	Framji et al. (1981-1983)		13
	1952-1955		Interpolated		-
	1951	0	Framji et al. (1981-1983)		13
	1946-1950		Interpolated		-
	1945	0	Framji et al. (1981-1983)		13
	1940	1	CSO (1940-1945), Schwartzberg (1992)	Incl. India, Pakistan, Bangladesh and Myanmar; Administrative unit map digitized from Schwartzberg (1992)	13 0, 13 1
	1928-1939		Interpolated		-
	1927	1	Valkenburg (1933), Schwartzberg (1992)	Incl. India, Pakistan, Bangladesh and Myanmar; Administrative unit map digitized from Schwartzberg (1992)	13 0, 13 2
	1921-1926		Interpolated		-
	1920	1	H.M. Stationery Office (1922), Schwartzberg (1992)	Incl. India, Pakistan, Bangladesh and Myanmar; Administrative unit map digitized from Schwartzberg (1992)	13 0, 13 3
	1914-1919		Interpolated		-

			1913	1	H.M. Stationery Office (1915), Schwartzberg (1992)	Incl. India, Pakistan, Bangladesh and Myanmar; Administrative unit map digitized from Schwartzberg (1992)	13 0, 13 4
			1901-1912		Interpolated		-
			1900	1	H.M. Stationery Office (1905), Schwartzberg (1992)	Incl. India, Pakistan, Bangladesh and Myanmar; Administrative unit map digitized from Schwartzberg (1992)	13 0, 13 5
INDONESIA	IDN	10 3	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, Ministry of Public Works (2006)		1, 13 6
			1995-2000	0	FAOSTAT		3
			1990		Interpolated		-
			1989	1	FAO-CIDA-JALDA (1991)		13 7
			1961-1985	0	FAOSTAT		3
			1916-1960		Interpolated		-
			1915	0	AQUASTAT, FAO (2012)		13 8
			1881-1914		Interpolated		-
			1880	0	AQUASTAT, FAO (2012)		13 8
IRAN	IRN	10 8	2010, 2015	0	FAOSTAT		3
			2014	1	Statistical Centre of Iran (2015)		32 7
			2010	0	GMIA v5, Statistical Centre of Iran (2006), Ministry of Jihad-e-Agriculture (2007-2012)		1, 13 9, 14 0
			2001-2009		Interpolated		-
			2000	0	FAOSTAT		3
			1994-1999		Interpolated		-

			1993	1	FAOSTAT, Ministry of Jihad-e-Agriculture (2008)	Subnational max of year 1992 and 1993; National value scaled to FAOSTAT	3, 14 1
			1990	1	FAOSTAT, Ministry of Jihad-e-Agriculture (2008)	Subnational max of year 1988, 1990, 1991; National value scaled to FAOSTAT	3, 14 1
			1985	1	FAOSTAT, Ministry of Jihad-e-Agriculture (2008)	Subnational max of year 1984, 1985, 1986; National value scaled to FAOSTAT	3, 14 1
			1980	1	FAOSTAT, Statistical Centre of Iran (1962-1983)	Subnational max of year 1975, 1976, and 1982	3, 14 2
			1972	1	FAOSTAT, Statistical Centre of Iran (1962-1983)	Subnational max of year 1971, 1972 and 1973	3, 14 2
			1961-1971		Interpolated		-
			1960	1	Statistical Centre of Iran (1962-1983)	Subnational data for year 1960	14 2
			1901-1959		Interpolated		-
			1900	0	Zarei and Nasseri (2007)		14 3
IRAQ	IRQ	10 9	1961-2015	0	FAOSTAT		3
			1960	0	Estimate	Extrapolated based on trend in AEI between 1961-70	-
			1900-1959	0	Estimate	Scaled based on trend in AEI of Jordan	-
IRELAND	IRL	10 7	2010, 2015	0	Estimate	Assumed constant (2000 value)	-
			2001-2005	0	Estimate	Assumed constant (2000 value)	-
			2000	0	GMIA v5, Baldock et al. (2000)		1, 14 4
			1931-1995		Estimate	Assumed no irrigation	-
			1900-1930	0	Estimate	Estimate based on West-England meadow irrigation practises	-

ISRAEL	ISR	11 1	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, CBS (2003)		1, 14 5
			1995, 2000	0	FAOSTAT		3
			1948- 1990	0	Eichenauer (1993)		14 6
			1901- 1947		Interpolated		-
			1900	0	Freydank and Siebert (2008)	Estimate: 1/2 of AEI in 1948	47
ITALY	ITA	11 2	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			2000	1	EUROSTAT		35
			1995	1	EUROSTAT		35
			1990	1	EUROSTAT		35
			1985		Interpolated		-
			1980	0	Framji et al. (1981-1983)		13
			1962- 1979		Interpolated		-
			1961	2	Istituto Centrale di Statistica (1968)		14 7
			1940- 1960		Interpolated		-
			1939	0	Framji et al. (1981-1983)		13
			1920- 1938		Interpolated		-
			1919	0	Framji et al. (1981-1983)		13
			1906- 1918		Interpolated		-
			1905	0	Framji et al. (1981-1983)		13
			1901- 1904		Interpolated		-
			1900	0	Framji et al. (1981-1983)		13

JAMAICA	JAM	11 3	2000, 2005, 2010, 2015	0	FAOSTAT	3
			1995	0	AQUASTAT	11
			1961- 1990	0	FAOSTAT	3
			1950- 1960		Interpolated	-
			1949	0	Framji et al. (1981-1983)	13
			1903- 1948		Interpolated	-
			1902	0	Framji et al. (1981-1983)	13
			1900- 1901	0	Estimate Assumed constant (1902 value)	-
JAPAN	JPN	11 6	2010, 2015	0	FAOSTAT	3
			2010	0	GMIA v5, Statistics Bureau (2011), MAFF (1994)	1, 14 8, 14 9
			2001- 2009		Interpolated	-
			2000	0	Ministry of Internal Affairs Communications (2010)	15 0
			1995		Interpolated	-
			1985- 1990	0	Ministry of Internal Affairs Communications (2010)	15 0
			1980	0	FAOSTAT	3
			1900- 1970	1	MAFF (1901- 1971) AEI set to planted area of paddy rice	15 1
JORDAN	JOR	11 5	2017	1	Department of Statistics (2017)	32 8
			2015	0	Interpolated	
			2010	0	FAOSTAT	3
			2007	0	GMIA v5, Department of Statistics (2009a)	1, 15 2
			2001- 2006		Interpolated	-

			2000	0	GMIA v4, Department of Statistics (2009b)		15 3
			1995		Interpolated		-
			1994	1	AOAD (1994)		12
			1961- 1993	0	FAOSTAT		3
			1946- 1960		Interpolated		-
			1945	0	Freydank and Siebert (2008)	Estimate: 1/2 of AEI in 1961	47
			1901- 1944		Interpolated		-
			1900	0	Freydank and Siebert (2008)	Estimate	47
KAZAKHSTAN	KAZ	11 8	2010, 2015	1	Agency of Statistics of the Republic of Kazakhstan (2015)		32 9
			2006	0	GMIA v5, Agency of Statistics of the Republic of Kazakhstan (2008, 2010)		1, 15 4, 15 5
			2001- 2005		Interpolated		-
			2000	2	Aus der Beek et al. (2011), FAO (1997)	Subnational AEI from (156) scaled to national AEI from (27)	15 6, 27
			1995	2	Aus der Beek et al. (2011), FAO (1997)	Subnational AEI from (156) scaled to national AEI from (27)	15 6, 27
			1990	2	Aus der Beek et al. (2011), FAO (1997)	Subnational AEI from (156) scaled to national AEI from (27)	15 6, 27
			1985	2	Aus der Beek et al. (2011), FAO (1997)	Subnational AEI from (156) scaled to national AEI from (27)	15 6, 27
			1980	2	Aus der Beek et al. (2011), FAO (1997)	Subnational AEI from (156) scaled to national AEI from (27)	15 6, 27
			1970	2	Aus der Beek et al. (2011), FAO (1997)	Subnational AEI from (156) scaled to national AEI from (27)	15 6, 27
			1960	2	Aus der Beek et al. (2011), FAO (1997)	Subnational AEI from (156) scaled to national AEI from (27)	15 6, 27
			1900- 1959	0	Estimate	Estimated by using trend of AEI in Kyrgystan and Uzbekistan	-

KENYA	KEN	11 9	2010, 2015	1	JICA (2013)		33 0
			2004- 2005	0	Estimate	Assumed constant (2003 value)	-
			2003	0	GMIA v5, FAO (2006)		1, 15 7
			1961- 2000	0	FAOSTAT		3
			1901- 1960		Interpolated		-
			1900	0	Freydank and Siebert (2008)	Estimate	47
KIRIBATI	KIR	12 2	1900- 2015		Estimate	Assumed no irrigation	-
KUWAIT	KWT	12 5	2010, 2015	0	FAOSTAT		3
			2006	0	GMIA v5, Central Statistics Office (2009)		1, 15 8
			2001- 2005		Interpolated		-
			2000	0	GMIA v4, Ministry of Planning, Statistics and Information Sector (2002)		4, 15 9
			1993- 1999	0	AQUASTAT		11
			1961- 1992	0	FAOSTAT	No irrigation reported before 1969	3
			1900- 1960	0	Estimate	Assumed no irrigation	-
KYRGYZSTAN	KGZ	12 0	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, Department of Water Resources (2005)		1, 16 0
			2000	0	FAOSTAT		3
			1995- 1999		Interpolated		-
			1994	0	FAO (1997)		27
			1990	0	FAO (1997)		27
			1981- 1989		Interpolated		-
			1980	0	FAO (1997)		27

			1970	0	FAO (1997)		27
			1960	0	FAO (1997)		27
			1950	0	FAO (1997)		27
			1945	0	FAO (1997)		27
			1931-1944		Interpolated		-
			1930	0	FAO (1997)		27
			1916-1929		Interpolated		-
			1915	0	FAO (1997)		27
			1900-1914	0	Estimate	Assumed constant (based on trend for USSR derived from Framji et al. (1981-1983))	13
LAOS	LAO	126	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, FAO (2008)		1, 161
			1993-2000	0	AQUASTAT		11
			1961-1992	0	FAOSTAT		3
			1900-1960	0	Estimate	Estimated by using trend of AEI in Vietnam	-
LATVIA	LVA	136	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	312
			2000-2005	0	EUROSTAT		35
			1992-1999		Interpolated		-
			1973-1991	0	EUROSTAT		35
			1961-1972		Interpolated		-
			1926-1960	0	Estimate	Trend of AEI in Ukraine used to scale year 1973 value to each time step	-
			1914-1925	0	Estimate	Decline in irrigation due to war; trend of AEI in USSR (Framji et al., 1981-1983) used	13

			1900-1913	0	Estimate	Trend of AEI in Ukraine used to scale year 1973 value to each time step	-
LEBANON	LBN	12 7	2015	0	Extrapolated		
			2010	1	Ministry of Agriculture (2010)		33 1
			2000-2005	0	FAOSTAT	AEI constant at value for year 1999	3
			1999	0	GMIA v5, Ministry of Agriculture and FAO (2009)		1, 16 2
			1994-1998	0	Interpolated		-
			1961-1993	0	FAOSTAT		3
			1950-1960		Interpolated		-
			1949	0	Framji et al. (1981-1983)		13
			1901-1948		Interpolated		-
			1900	0	Framji et al. (1981-1983)		13
LESOTHO	LSO	13 3	2010, 2015	0	FAOSTAT		3
			2001-2005	0	FAOSTAT	AEI constant at value for year 2000	3
			1993-2000	0	AQUASTAT		11
			1961-1992	0	FAOSTAT	1000 ha of AEI in 1961 according to FAOSTAT	3
			1951-1960		Interpolated		-
			1900-1950	0	Estimate	Assumed no irrigation	-
LIBERIA	LBR	12 8	2010, 2015	0	FAOSTAT		3
			1988-2005	0	FAO (2005), FAOSTAT	AEI from year 1987 scaled by the trend in AEI from FAOSTAT	3, 16 3
			1987	0	GMIA v5, FAO (2005)		1, 16 3
			1983-1986	0	AQUASTAT		11

			1961-1982	0	FAOSTAT	No irrigation reported before 1970	3
			1900-1960	0	Estimate	Assumed no irrigation	-
LIBYA	LBY	129	2010, 2015	0	FAOSTAT		3
			2001-2005	0	FAO (2005), FAOSTAT	AEI constant at value for year 2000	3, 164
			2000	0	GMIA v5, FAO (2006)		1, 164
			1961-1995	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate		-
LIECHTENSTEIN	LIE	131	1900-2015	0	Estimate	Assumed no irrigation	-
LITHUANIA	LTU	134	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	312
			2005	0	EUROSTAT		35
			2000	0	FAOSTAT		3
			1973-1995	0	AQUASTAT		11
			1961-1972		Interpolated		-
			1926-1960	0	Estimate	Trend of AEI in Ukraine used to scale year 1973 value to each time step	-
			1914-1925	0	Estimate	Decline in irrigation due to war; trend of AEI in USSR (Framji et al., 1981-1983) used	13
			1900-1913	0	Estimate	Trend of AEI in Ukraine used to scale year 1973 value to each time step	-
LUXEMBOURG	LUX	135	2003-2015	0	Estimate	Assumed constant (2002 value)	-

			2002	0	GMIA v4		4
			1990-2001	0	Estimate	Assumed constant (2002 value)	-
			1960-1985	0	Estimate	Assumed no irrigation	-
			1900-1950	0	Estimate	Meadow irrigation was established in Luxembourg until 1945 (Commune de Kiischpelt, 2014). AEI was therefore assigned based on the trend in the district of Trier (Germany).	16 5
MACEDONIA	MKD	14 5	2010, 2015	0	FAOSTAT		3
			2000, 2005	0	Vukelic et al. (2006)		16 6
			1995-1999		Interpolated		-
			1994	0	Worldbank (1997)		16 7
			1991	0	Vukelic et al. (2006)		16 6
			1961-1990	0	Estimate	AEI from year 1991 scaled based on the trend in AEI for former Yugoslavia	-
			1900-1960	0	Estimate	AEI from year 1961 scaled based on the trend in AEI for Bulgaria	-
MADAGASCAR	MDG	14 1	2010, 2015	0	FAOSTAT		3
			2001-2005	0	AQUASTAT, FAOSTAT	AEI constant at value for year 2000	11 , 3
			1998-2000	0	AQUASTAT		11
			1961-1997	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate		-
MALAWI	MWI	15 7	2015	0	Estimate	Assumed constant (2010 value)	-
			2010	0	JICA (2014)		33 2
			2003-2005	0	Estimate	Assumed constant (2002 value)	-
			2002	0	GMIA v5, FAO (2006)		1, 16 8

			1961-2000	0	FAOSTAT	1000 ha of AEI in 1961 according to FAOSTAT	3
			1960	0	Estimate	Assumed constant (1961 value)	-
			1900-1950	0	Estimate	Assumed no irrigation	-
MALAYSIA	MYS	158	2010, 2015	0	AQUASTAT	Used Aquastat data for 2012 and 2017 (= 380,000 Ha), and interpolated for 2010 and 2015.	11
			1961-2005	0	FAOSTAT		3
			1960		Interpolated		-
			1959	0	Framji et al. (1981-1983)		13
			1901-1958		Interpolated		-
			1900	0	Estimate		-
MALDIVES	MDV	142	2010, 2015	0	FAOSTAT	No irrigation	3
			2011	0	FAO (2013)	No irrigation	169
			1900-2005	0	Estimate	Assumed no irrigation	-
MALI	MLI	146	2015	0	FAOSTAT		3
			2010	0	AQUASTAT	Used Aquastat 2012 value (= 371,031 Ha) for 2010	11
			2001-2005	0	FAO (2005), FAOSTAT	AEI constant at value for year 2000	170,3
			2000	0	GMIA v5, FAO (2005)		1,170
			1993-1999	0	AQUASTAT		11
			1961-1992	0	FAOSTAT		3
			1951-1960		Interpolated		-
			1950	0	Harrison Church (1951)		171
			1901-1949		Interpolated		-
			1900	0	Estimate		-
MALTA	MLT	147	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of	312

						irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	
			2005	0	EUROSTAT		35
			1961-2000	0	FAOSTAT	1000 ha of AEI in 1961 according to FAOSTAT	3
			1945-1960	0	Estimate	500 ha AEI	-
			1900-1944	0	Estimate	200 ha AEI	-
MARSHALL ISLANDS	MHL	144	1900-2015	0	Estimate	Assumed no irrigation	-
MARTINIQUE	MTQ	155	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	312
			2007	0	GMIA v5, MAAPAR (2010)		1,99
			2001-2006		Interpolated		-
			1961-2000	0	FAOSTAT		3
			1900-1960		Estimate	Assumed constant (1961 value)	-
MAURITANIA	MRT	153	2010, 2015	0	FAOSTAT		3
			2005	0	Estimate	Assumed constant (2004 value)	-
			2004	0	AQUASTAT		11
			2000	0	Estimate	Assumed constant (2004 value)	-
			1961-1995	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate		-
MAURITIUS	MUS	156	2010, 2015	1	Irrigation Authority (2021)		333

			2009	0	GMIA v5, Central Statistics Office (2009)		1, 17 2
			2001-2008		Interpolated		-
			1993-2000	0	GMIA v4, Central Statistics Office (2002)		4, 17 3
			1961-1992	0	FAOSTAT		3
			1900-1960	0	Estimate	Scaled based on trend of AEI for Madagascar	-
MEXICO	MEX	14 3	2010, 2015	0	FAOSTAT		3
			2007	0	GMIA v5, CONAGUA (2008)		1, 17 4
			2003-2006		Interpolated		-
			2002	1	CONAGUA (2003)	Scaled to FAOSTAT at national scale	3, 17 5
			1996-2001		Interpolated		-
			1995	1	INEGI (1997, 1994, 1984, 1983, 1981, 1980)	Scaled to FAOSTAT at national scale	17 6
			1993-1994	0	AQUASTAT		11
			1982-1992	0	FAOSTAT		3
			1981	1	INEGI (1997, 1994, 1984, 1983, 1981, 1980)	Scaled to FAOSTAT at national scale	17 6
			1972-1980		Interpolated		-
			1971	1	INEGI (1971, 1961, 1954, 1942, 1939)	Scaled to FAOSTAT at national scale	17 7
			1962-1970		Interpolated		-
			1961	1	INEGI (1971, 1961, 1954, 1942, 1939)	Scaled to FAOSTAT at national scale	17 7
			1955-1960		Interpolated		-
			1954	1	INEGI (1971, 1961, 1954, 1942, 1939)	Scaled with ratio of FAOSTAT over INEGI (1961)	17 7
			1941-1953		Interpolated		-

			1940	1	INEGI (1971, 1961, 1954, 1942, 1939)	Scaled with ratio of FAOSTAT over INEGI (1961)	17 7
			1931-1939		Interpolated		-
			1930	1	INEGI (1971, 1961, 1954, 1942, 1939)	Scaled with ratio of FAOSTAT over INEGI (1961)	17 7
			1911-1929		Interpolated		-
			1910	0	Framji et al. (1981-1983)		13
			1900-1909	0	Estimate	Assumed constant (1910 value)	-
MOLDOVA	MDA	14 0	2010, 2015	0	FAOSTAT		3
			1993-2005	0	FAOSTAT		3
			1978-1992	0	FAO (1997)		27
			1966-1977	0	Estimate	Scaled based on the trend of AEI in Russia	-
			1926-1965	0	Estimate	Trend of AEI in Ukraine used to scale year 1973 value to each time step	-
			1914-1925	0	Estimate	Decline in irrigation due to war; trend of AEI in USSR (Framji et al., 1981-1983) used	13
			1900-1913	0	Estimate	Trend of AEI in Ukraine used to scale year 1973 value to each time step	-
MONACO	MCO	13 9	1900-2015	0	Estimate	Assumed no irrigation	-
MONGOLIA	MN G	15 0	1961-2015	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed constant (1961 value, 5000 ha)	-
MONTSEERRAT	MSR	15 4	1900-2015	0	Estimate	Assumed no irrigation	-
MONTENEGRO	MNE	25 1	2010, 2015	0	Eurostat	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking	31 2

						the maximum of irrigable area for 2010, 2013 and 2015.	
MOROCCO	MAR	13 8	2010, 2015	0	FAOSTAT		3
			2005	0	Estimate	Assumed constant (2004 value)	-
			2004	0	GMIA v5, FAO (2005)		1, 17 8
			1998- 2000	0	AQUASTAT		11
			1993- 1997		Interpolated		-
			1988- 1992	0	AQUASTAT		11
			1961- 1987	0	FAOSTAT		3
			1901- 1960		Interpolated		-
			1900	0	Harabi (1983)	Extent of traditional irrigation estimated based on Harabi (1983)	17 9
MOZAMBIQUE	MOZ	15 2	2010, 2015	0	FAOSTAT		3
			2002- 2005	0	Estimate	Assumed constant at value for year 2001, based on FAOSTAT	18 0, 3
			2001	0	GMIA v5, DNHA (2003)		1, 18 0
			1998- 2000	0	AQUASTAT		11
			1981- 1997		Interpolated		-
			1980	0	FAO (2005)		18 1
			1974- 1979		Interpolated		-
			1973	0	FAO (2005)		18 1
			1969- 1972		Interpolated		-
			1968	0	FAO (2005)		18 1
			1951- 1967		Interpolated		-
			1950	0	Estimate	AEI in 1950 should be at least 20000 ha smaller than in 1960 (Ref. 182)	18 2

			1900-1940	0	Estimate	Assumed reduction of 5000 ha per decade starting with year 1950	-
MYANMAR	MMR	148	2016	1	CSO (2016)		334
			2015	0	Interpolated		
			2010	0	FAOSTAT		3
			2005	0	Estimate	Assumed constant (2004 value)	-
			2004	0	GMIA v5, Ministry of Agriculture and Irrigation (2013)		1,183
			2000	0	Ministry of Agriculture and Irrigation (2013)		183
			1985-1995	0	AQUASTAT		11
			1961-1980	0	FAOSTAT		3
			1954-1960		Interpolated		-
			1953	0	Framji et al. (1981-1983)		13
			1941-1952		Interpolated		-
			1940	0	Framji et al. (1981-1983)	Only used for interpolation; the 1940 value for Myanmar is part of the Indian Empire	13
			1900-1940		See India (Myanmar was part of Indian Empire)		-
NAMIBIA	NAM	160	2010, 2015	0	FAOSTAT		3
			2003-2005	0	Estimate	Assumed constant (2002 value), based on FAOSTAT	3,184
			2002	0	GMIA v5, FAO (2005)		1,184
			1998-2001	0	Estimate	Set to AEI reported for year 2002	-
			1993-1997		Interpolated		-
			1992	0	AQUASTAT		11
			1990-1991	0	Estimate	Set to AEI reported for year 1992	-

			1961-1985	0	FAOSTAT		3
			1950-1960	0	Estimate		-
			1900-1949	0	Estimate	Assumed constant (1950 value)	-
NAURU	NRU	170	1900-2015	0	Estimate	Assumed no irrigation	-
NEPAL	NPL	169	2010, 2015	0	FAOSTAT		3
			2011	3	Central Bureau of Statistics (2011)		335
			2003-2005	0	Estimate	Assumed constant (2002 value)	-
			2002	0	GMIA v5, Central Bureau of Statistics (2013)		1,185
			1992-2000	0	FAOSTAT		3
			1991	3	Central Bureau of Statistics (1993)	Data for season 1991/92; AAI scaled to FAOSTAT at national scale	3,186
			1961-1990	0	FAOSTAT		3
			1948-1960		Interpolated		-
			1947	0	Framji et al. (1981-1983)		13
			1900-1946	0	Estimate	Assumed constant (1947 value)	-
NETHERLANDS	NLD	167	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	312
			2005	2	EUROSTAT		35
			1990, 1995, 2000	1	EUROSTAT		35
			1961-1985	0	FAOSTAT		3
			1900-1960	0	Estimate	Trend in AEI assumed similar to NW Germany	-

NETHERLANDS ANTILLES	ANT	8	1900-2015	0	Estimate	Assumed no irrigation	-
NEW CALEDONIA	NCL	161	1961-2015	0	FAOSTAT		3
			1950-1960	0	Estimate	Assumed constant (1000 ha)	-
			1900-1949	0	Estimate	Assumed no irrigation	-
NEW ZEALAND	NZL	171	2012, 2017	2	Statistics New Zealand (2021)		336
			2015	0	Interpolated		-
			2010	0	FAOSTAT		3
			2007	0	GMIA v5, Statistics New Zealand (2009)		1, 187
			2001-2006		Interpolated		-
			2000	1	GMIA v4, MAF (2001)		4, 188
			1961-1999		FAOSTAT, MAF (2001), Department of Statistics (1963)	FAOSTAT scaled to meet AEI reported for years 2000 (Ref. 188) and 1960 (Ref. 189)	3, 188, 189
			1960	1	Department of Statistics (1963)		189
			1901-1959		Interpolated		-
			1900	0	Estimate	AEI estimated at 1/4 of 1960	-
NICARAGUA	NIC	165	2015	0	Estimate	Extrapolated and using data for years 2005 and 2011	
			2011	1	INIDE (2011)		337
			2010	0	Interpolated		
			2002-2005	0	Estimate	Assumed constant (2001 value)	-
			2001	0	GMIA v5, INIDE (2002)		1, 190
			1998-2000	0	FAOSTAT scaled to AQUASTAT		3, 11
			1997	0	AQUASTAT		11

			1961-1996	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate		-
NIGER	NER	16 2	2015	0	FAOSTAT		3
			2010	0	AQUASTAT	Used Aquastat value for year 2011	11
			2005	0	GMIA v5, FAO (2005)		1, 19 1
			2000	0	AQUASTAT		11
			1961-1995	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate		-
NIGERIA	NGA	16 4	2010, 2015	0	AQUASTAT	Used the 2010 value for both 2010 and 2015	11
			2005	0	Estimate	Assumed constant (2004 value)	-
			2004	0	GMIA v5, Enplan Group (2004)		1, 19 2
			2000	0	AQUASTAT		11
			1961-1995	0	FAOSTAT		3
			1900-1960	0	Estimate	Based on Metz (1991) decrease of 1000 ha per year assumed between 1961 and 1900	3, 19 3
NIUE	NIU	16 6	1900-2015	0	Estimate	Assumed no irrigation	-
NORFOLK ISLAND	NFK	16 3	1900-2015	0	Estimate	Assumed no irrigation	-
NORTH KOREA	PRK	18 2	2010, 2015	0	Estimate	Assumed constant (2005 value)	-
			1961-2005	0	FAOSTAT		3
			1942-1960		Interpolated		-

			1941	0	Framji et al. (1981-1983), FAOSTAT	Value reported for Korea in Framji et al. (1981-83) subdivided into North- and Southkorea based on AEI reported for year 1961	13, 3
			1936-1940		Interpolated		-
			1935	0	Framji et al. (1981-1983), FAOSTAT	Value reported for Korea in Framji et al. (1981-83) subdivided into North- and Southkorea based on AEI reported for year 1961	13, 3
			1901-1934		Interpolated		-
			1900-1934	0	Estimate	2/3 of AEI in 1935	-
NORWAY	NOR	168	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	312
			2000, 2005	1	EUROSTAT		35
			1961-1999	0	FAOSTAT		3
			1900-1960	0	Estimate	Based on trend described in Michelsen (1987) and Hatt (1915)	194, 195
OMAN	OMAN	172	2010, 2015	0	FAOSTAT		3
			2005	0	Estimate	Assumed constant (2004 value)	-
			2004	0	GMIA v5, Ministry of Agriculture and Fisheries (2005)		1, 196
			2000	0	FAOSTAT		3
			1994-1999		Interpolated		-
			1993	0	AQUASTAT		11
			1961-1992	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed constant (1961 value)	-

PALAU	PLW	17 8	1900- 2015	0	Estimate	Assumed no irrigation	-
PALESTINE (WEST BANK + GAZA STRIP)	PSE	18 5	2010, 2015	0	FAOSTAT		3
			2005	0	GMIA v5, PCBS (2003-2008), CBS (2003)		1, 19 7, 14 5
			1961- 2000	0	FAOSTAT		3
			1960	0	Estimate	Extrapolated based on 1970 and 1961 values	-
			1900- 1950	0	Estimate	Scaled based on the trend of AEI in Israel	-
PAKISTAN	PAK	17 3	2010, 2015	0	Estimate	Assumed constant (2005 value)	-
			2007	1	GMIA v5		1
			2001- 2006		Interpolated		-
			2000	1	GMIA v5, Ministry of Food, Agriculture & Livestock (2003- 2011)	AEI in year 2007 (Ref. 1) * irrigated area 2000 (Ref. 198) / irrigated area 2007 (Ref. 198)	1, 19 8
			1995	1	GMIA v5, Ministry of Food, Agriculture & Livestock (2003- 2011)	AEI in year 2007 (Ref. 1) * irrigated area 1995 (Ref. 198) / irrigated area 2007 (Ref. 198)	1, 19 8
			1990	1	GMIA v5, Ministry of Food, Agriculture & Livestock (2003- 2011)	AEI in year 2007 (Ref. 1) * irrigated area 1990 (Ref. 198) / irrigated area 2007 (Ref. 198)	1, 19 8
			1985	1	GMIA v5, Ministry of Food, Agriculture & Livestock (2003- 2011)	AEI in year 2007 (Ref. 1) * irrigated area 1985 (Ref. 198) / irrigated area 2007 (Ref. 198)	1, 19 8
			1982	1	GMIA v5, Ministry of Food, Agriculture & Livestock (2003- 2011)	AEI in year 2007 (Ref. 1) * irrigated area 1982 (Ref. 198) / irrigated area 2007 (Ref. 198)	1, 19 8
			1971- 1981		Interpolated		-

			1961-1970	0	FAOSTAT		3
			1960		Interpolated		-
			1958-1959	0	Framji et al. (1981-1983)		13
			1949-1957		Interpolated		-
			1948	0	Framji et al. (1981-1983)		13
			1900-1947		See India (Pakistan was part of Indian Empire)		-
PANAMA	PAN	174	2010, 2015	0	FAOSTAT		3
			2001-2005	0	Estimate	Assumed constant (2004 value)	-
			1998-2000	0	FAOSTAT scaled to AQUASTAT		3, 11
			1997	0	GMIA v5, FAO (2000)		1, 199
			1961-1996	0	FAOSTAT		3
			1921-1960		Interpolated		-
			1920	0	Estimate	2/3 of AEI in year 1961 based on Guatemala	-
			1900-1919	0	Estimate	Trend in AEI 1961-1920 extrapolated to year 1900	-
PAPUA NEW GUINEA	PNG	179	1998-2015	0	Estimate	Assumed no irrigation	-
			1997	0	AQUASTAT	No irrigation in 1997	11
			1900-1996	0	Estimate	Assumed no irrigation	-
PARAGUAY	PRY	184	2010, 2015	0	FAOSTAT		3
			2004-2005	0	Estimate	Assumed constant (2003 value)	-
			1961-2003	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate		-
PERU	PER	176	2010, 2015	0	FAOSTAT		3

			2012	1	INEI (2020)		33 8
			2001- 2005	0	Estimate	Assumed constant (2000 value)	-
			2000	1	Ellis et al. (2010)		20 1
			1995- 1999		Interpolated		-
			1994	0	GMIA v5, INEI (2009)		1, 20 0
			1961- 1993	0	FAOSTAT scaled to AQUASTAT		3, 11
			1930- 1960		Interpolated		-
			1929	0	Sisson and Whitbeck (1932)		23
			1901- 1929		Interpolated		-
			1900	1	Ellis et al. (2010)	Estimate based on trend 1961-1929	20 1
PHILIPPINES	PHL	17 7	2015	1	National Irrigation Administration (2015)		33 9
			2010	1	National Irrigation Administration (2010)		34 0
			2006	0	GMIA v5, FAO (2013)		1, 20 2
			1994- 2006		Interpolated		-
			1961- 1993	0	FAOSTAT		3
			1960		Interpolated		-
			1959	0	Framji et al. (1981-1983)		13
			1950- 1958		Interpolated		-
			1949	0	Framji et al. (1981-1983)		13
			1901- 1948		Interpolated		-
			1900	0	National Irrigation Administration (1990)	Estimate	20 3

PITCAIRN ISLANDS	PCN	17 5	1900- 2015		Estimate	Assumed no irrigation	-
POLAND	POL	18 0	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			2003	1	EUROSTAT		35
			1996- 2002		Interpolated		-
			1995	0	Mioduszeowski et al. (2006)		20 4
			1990	0	Mioduszeowski et al. (2006)		20 4
			1981- 1989		Interpolated		-
			1980	0	Mioduszeowski et al. (2006)		20 4
			1975	0	Mioduszeowski et al. (2006)		20 4
			1967- 1974		Interpolated		-
			1966	0	Mioduszeowski et al. (2006)		20 4
			1950- 1965		Interpolated		-
			1949	0	Mioduszeowski et al. (2006)		20 4
			1901- 1948	0	Interpolated		-
			1900	0	Estimate	Percentage of irrigated land area adopted from German province Preussen	-
PORTUGAL	PRT	18 3	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			1990- 2005	1	EUROSTAT		35
			1980- 1989		Interpolated		-

			1979	2	INE (1982-1983)	AAI scaled to AEI with 1990 ratio from EUROSTAT data; well in line with FAOSTAT data	20 5
			1969-1978		Interpolated		-
			1968	2	INE (1971-1972)	AAI scaled to AEI with 1990 ratio from EUROSTAT data; well in line with FAOSTAT data	20 6
			1960-1967		Interpolated		-
			1959	0	Framji et al. (1981-1983)	Scaled with EUROSTAT ratio of AAI vs AEI	13
			1931-1958		Interpolated		-
			1930	0	Lautensach, 1932		20 7
			1901-1929		Interpolated		-
			1900	0	Estimate		-
PUERTO RICO	PRI	18 1	2015	1	NASS (2014), Dieter et al. (2018)	Max. of AAI reported in for each county in Agricultural Census 2012 and Water Census 2015	36 6, 36 4
			2010	1	Kenny et al. (2009), NASS (2009), Maupin et al. (2014)	Max. of AAI reported in for each county in Agricultural Census 2007 and Water Censuses 2005 and 2010	21 0, 20 8, 36 5
			2007	0	GMIA v5, NASS (2005, 2009), Kenny et al. (2009), Hutson et al. (2005)	AEI for each municipality set to max. of AAI reported in Refs. 208-211	1, 20 8- 21 1
			2001-2006		Interpolated		-
			2000	1	GMIA v4, NASS (2005, 2000), Hutson et al. (2005), Solley et al. (1998)	AEI for each municipality set to max. of AAI reported in Refs. 209, 211-213	4, 20 9, 21 1- 21 3
			1995	1	NASS (2000, 1994), Solley et al. (1998, 1993)	AEI for each municipality set to max. of AAI reported in Refs. 212-215	21 2- 21 5

			1990	1	NASS (1989), Solley et al. (1993, 1988)	AEI for each municipality set to max. of AAI reported in Refs. 215-217	21 5- 21 7
			1985	0	Lamm and Brown (2003)		21 8
			1980	0	Lamm and Brown (2003)		21 8
			1970	0	Lamm and Brown (2003)		21 8
			1960	0	MacKichan and Kammerer (1961)		21 9
			1949	0	Framji et al. (1981-1983)		13
			1936-1948		Interpolated		-
			1935	0	Framji et al. (1981-1983)		13
			1915-1934		Interpolated		-
			1914	0	Framji et al. (1981-1983)		13
			1901-1913		Interpolated		-
			1900	0	Estimate	2/3 of AEI in 1914	-
QATAR	QAT	18 7	2010, 2015	0	FAOSTAT		3
			2002-2005	0	Estimate	Assumed constant (2001 value)	-
			2001	0	GMIA v5, FAO (2013)		1, 22 0
			2000	0	FAOSTAT		3
			1995	0	Estimate	Assumed constant (1993 value)	-
			1993	0	AQUASTAT		11
			1990	0	AQUASTAT		11
			1961-1985	0	FAOSTAT	AEI in year 1961: 1000 ha	3
			1900-1960	0	Estimate	Assumed no irrigation	-
REUNION	REU	18 8	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2

			2007	0	GMIA v5, MAAPAR (2010)		1, 99
			2001- 2006		Interpolated		-
			1961- 2000	0	FAOSTAT		3
			1900- 1960	0	Estimate	Scaled based on the trend of AEI in Madagascar	-
ROMANIA	ROU	18 9	2010, 2015	0	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			2003	0	GMIA v5, Nicolaescu et al. (2006)		1, 22 1
			1996- 2003		Interpolated		-
			1995	0	Nicolaescu et al. (2006)		22 1
			1990	1	CNPS (1990- 1991)	AEI assumed similar to reported "Area arranged for irrigation"	22 3
			1985	1	DCS (1976-1986)	AEI assumed similar to reported "Area arranged for irrigation"	22 2
			1980	1	DCS (1976-1986)	AEI assumed similar to reported "Area arranged for irrigation"	22 2
			1975	1	DCS (1976-1986)	AEI assumed similar to reported "Area arranged for irrigation"	22 2
			1974	0	Framji et al. (1981-1983)		13
			1972- 1973		Interpolated		-
			1971	0	Framji et al. (1981-1983)		13
			1970		Interpolated	Sub-national data from 1975 used for sub-national pattern; national data for national value	-
			1969	0	Framji et al. (1981-1983)		13
			1966- 1968		Interpolated		-

			1965	0	Framji et al. (1981-1983)		13
			1962-1964		Interpolated		-
			1961	0	Framji et al. (1981-1983)		13
			1951-1960		Interpolated		-
			1950	0	Framji et al. (1981-1983)		13
			1946-1949		Interpolated		-
			1944	0	Framji et al. (1981-1983)		13
			1901-1943		Interpolated		-
			1900	0	Estimate	AEI in year 1900 estimated at 10000 ha	-
RUSSIAN FEDERATION	RUS	190	2016	1	Federal State Statistics Service (2018)		342
			2010, 2015		Interpolated	Interpolated between the AEI totals of sub-national data for years 2006 and 2016	
			2006	0	GMIA v5, Federal State Statistics Service (2008)		1,224
			1991-2005		Interpolated		-
			1990	1	Stolbovoi and McCallum (2002)		225
			1987	1	Stolbovoi and McCallum (2002)		225
			1973-1986	0	FAO (1997)		27
			1961-1972		Interpolated		-
			1926-1960	0	Estimate	Scaled based on trend of AEI in Ukraine, values for year 1920 and 1970 of Russia used for interpolation	-
			1917-1925	0	Estimate	Scaled based on the trend of AEI in USSR (Framji et al. 1981-1983)	13
			1916	0	FAO (1997)		27
			1900-1915	0	Estimate	Assumed constant at the value reported for year 1916	-

RWANDA	RWA	19	2010,	0	FAOSTAT		3
		1	2015	0	Estimate	Assumed constant at the value for year 2000	-
			1998-2000	0	GMIA v5, FAO (2005)		1,226
			1961-1997	0	FAOSTAT		3
			1956-1960	0	Estimate	Scaled based on Uganda, AEI declines to 0 ha in year 1956	-
			1900-1955	0	Estimate	Assumed no irrigation	-
SAINT HELENA	SHN	19	1900-2015	0	Estimate	Assumed no irrigation	-
SAINT KITTS AND NEVIS	KNA	12	2010, 2015	0	FAOSTAT		3
			1998-2005	0	Estimate	Assumed constant at the value for year 1997	-
			1997	0	GMIA v5, FAO (2000)		1,227
			1900-1996	0	Estimate	Assumed constant at the value for year 1997 (18 ha)	-
SAINT LUCIA	LCA	13	2010, 2015	0	FAOSTAT		3
		0	2007	0	GMIA v5, Ministry of Agriculture Lands, Forestry and Fisheries (2007)		1,228
			1995-2006	0	FAOSTAT	Assumed constant (similar to the trend of AEI in FAOSTAT)	3
			1961-1994	0	FAOSTAT		3
			1956-1960	0	Estimate	Scaled based on trend of AEI in Guadeloupe, AEI declines to 0 ha in year 1956	-
			1900-1955	0	Estimate	Assumed no irrigation	-

SAINT PIERRE AND MIQUELON	SPM	205	1900-2015	0	Estimate	Assumed no irrigation	-
SAINT VINCENT AND THE GRENADINES	VCT	237	2010, 2015	0	FAOSTAT		3
			1965-2005	0	FAOSTAT		3
			1900-1964	0	Estimate	Assumed no irrigation	-
SAMOA	WSM	244	1900-2015	0	Estimate	Assumed no irrigation	-
SAN MARINO	SMR	202	1900-2015	0	Estimate	Assumed no irrigation	-
SAO TOME AND PRINCIPE	STP	207	2010, 2015	0	FAOSTAT		3
			1992-2005	0	FAOSTAT	Assumed constant (similar to the trend of AEI in FAOSTAT)	3
			1991	0	GMIA v5, FAO (2005)		1,229
			1961-1990	0	FAOSTAT	Assumed constant (similar to the trend of AEI in FAOSTAT)	3
			1901-1960		Interpolated		-
			1900	0	Estimate	AEI in year 1900 estimated at 2000 ha	-
SAUDI ARABIA	SAU	192	2010, 2015	0	Estimate	Assumed constant (2007 value)	-
			2007	0	GMIA v5, Central Department of Statistics and Information (2002-2008)		1,230
			2001-2006		Interpolated		-
			2000	0	GMIA v4, AOAD (2003), Dabbagh and Abderrahman (1997)		4,371

			1961-1999	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate	1/2 of AEI in 1961	-
SENEGAL	SEN	194	2010, 2015	0	FAOSTAT		3
			2003-2005	0	FAOSTAT	Assumed constant (similar to the trend of AEI in FAOSTAT)	3
			2002	0	GMIA v5, FAO (2005)		1, 23 2
			1995-2000		Interpolated		-
			1994	0	AQUASTAT		11
			1961-1993	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate	AEI in year 1900 estimated at 35000 ha	-
SERBIA	255	S R B	2015	2	Estimate	Used the FAOSTAT total AEI for 2015 and used the proportions of 2012 sub-national data to obtain the subnational data for 2015	3
			2012	2	Statistical Office of the Republic of Serbia (2021)		34 3
KOSOVO	256	K O S	2010, 2015	0	Estimate	Interpolated for national values for years 2010 and 2015 using the sub-national data of 2008 and 2013	-
			2013	1	SOK (2013)		34 4
			2008	2	SOK (2008)		34 5
SERBIA, MONTENEGRO, KOSOVO	SMK	400	2005	1	SOK (2005), Statistical Office of the Republic of Serbia (2008), MONSTAT (2011)		23 3- 23 5

			2000	1	MONSTAT (2011), SOK (2001), Statistical Office of the Republic of Serbia (2005)		23 5- 23 7
			1992-1999		Interpolated		-
			1991	0	GMIA v4, World Bank (2005), World Bank (2003)		4, 23 8, 23 9
			1961-1990	0	FAOSTAT	Scaled based on trend of AEI in former Yugoslavia (FAOSTAT)	3
			1900-1960	0	Estimate	Scaled based on trend of AEI in Bulgaria	-
SEYCHELLES	SYC	21 3	2010, 2015	0	FAOSTAT		3
			2004-2005	0	Estimate	Assumed constant at the value for year 2003	-
			2003	0	GMIA v5, FAO (2005)		1, 24 0
			2000	0	Estimate	Assumed constant at the value for year 2003	-
			1996-1999		Interpolated		-
			1995	0	Estimate	Assumed no irrigation	-
			1900-1994	0	Estimate	Assumed no irrigation	-
SIERRA LEONE	SLE	20 0	2010, 2015	0	FAOSTAT		3
			1993-2005	0	FAOSTAT, FAO (2005)	AEI from year 1992 scaled relatively to trend in AEI from FAOSTAT	3, 24 1
			1992	0	GMIA v5, FAO (2005)		1, 24 1
			1961-1991	0	FAOSTAT		3
			1900-1960	0	Estimate	Assumed constant at the value for year 1961 (1000 ha)	-
SINGAPORE	SGP	19 5	2001-2015	0	Estimate	Assumed no irrigation	-

			2000	0	GMIA v5	No irrigation	1
			1900-1999	0	Estimate	Assumed no irrigation	-
SLOVAKIA	SVK	20 9	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			2001	0	GMIA v5, Statistical Office of the Slovak Republic (2002)		1, 24 2
			2000	0	Estimate	Assumed constant at the value for year 2001	-
			1988-1999	0	Estimate	AEI from year 1988 scaled based on trend in AEI from Czech Republic	-
			1940-1988	0	Štastná et al. (2006), FAOSTAT, Framji et al. (1981-1983)	Difference between AEI reported for Czechoslovakia and Czech Republic	79 , 3, 13
			1900-1939	0	Estimate	Scaled based on trend of AEI for Czechoslovakia, AEI for Czechoslovakia in 1900 as reported in Framji et al. (1981-1983)	13
SLOVENIA	SVN	21 0	2010, 2015	0	AIS (2020)		34 6
			2005	0	Maticic and Steinman (2006)		24 3
			2000	0	Maticic and Steinman (2006)		24 3
			1995	0	World Bank (1997)		24 4
			1992	0	FAOSTAT		3
			1961-1991	0	FAOSTAT	AEI from year 1992 scaled relatively to trend in AEI reported for Yugoslav SFR (FAOSTAT)	3
			1960	0	Estimate	Assumed constant at the value for year 1961	-

			1950	0	Estimate	AEI in year 1950 estimated at 2000 ha	-
			1900-1940	0	Estimate	AEI estimated at 1000 ha	-
SOLOMON ISLANDS	SLB	199	1900-2015	0	Estimate	Assumed no irrigation	-
SOMALIA	SOM	203	2010, 2015	0	FAOSTAT		3
			2004-2005	0	FAOSTAT		3
			2003	0	GMIA v5, FAO (2005)		1, 24 5
			1984-2002	0	AQUASTAT, FAO (2005)		11, 24 5
			1961-1983	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate	1/2 of AEI in 1961	-
SOUTH AFRICA	ZAF	246	2015	3	DEA (2013)	Calculated AEI for 2015 by taking the maximum of AEI for years 2013 and 2018	34 7
			2018	3	DEA (2018)		34 8
			2001-2005	0	Estimate	Assumed constant at the value for year 2000	-
			2000	0	GMIA v5, FAO (2005), Thompson (1999)		1, 24 6, 24 7
			1961-1995	0	FAOSTAT		3
			1922-1960		Interpolated		-
			1921	0	Daryll Forde (1925)		24 8
			1901-1920		Interpolated		-
			1900	0	Estimate	1/5 of AEI in 1961	-
SOUTH KOREA	KOR	124	2010, 2015	0	AQUASTAT	Used Aquastat 2009 value for both 2010 and 2015	11

			2009	0	GMIA v5, MIFAFF (2010)		1, 24 9
			2001- 2008		Interpolated		-
			1961- 2000	0	FAOSTAT scaled to AQUASTAT		3, 11
			1956- 1960		Interpolated		-
			1955	0	Framji et al. (1981-1983)		13
			1942- 1954		Interpolated		-
			1941	0	Framji et al. (1981-1983)	AEI reported for Korea, split into North/South Korea based on the ratio in year 1955	13
			1936- 1940		Interpolated		-
			1935	0	Framji et al. (1981-1983)	AEI reported for Korea, split into North/South Korea based on the ratio in year 1955	13
			1901- 1934		Interpolated		-
			1900	0	Estimate	2/3 of AEI in 1935	-
SPAIN	ESP	70	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	2	EUROSTAT		35
			1995, 2000	1	EUROSTAT		35
			1990- 1994		Interpolated		-
			1989	2	INE (1995)	Scaled with EUROSTAT to AEI; original data for cultivated land, ratio from year 1972 used to estimate the non-cultivated land area under irrigation	25 0, 35
			1983- 1988		Interpolated		-

			1982	2	INE (1989)	Scaled with EUROSTAT to AEI; original data for cultivated land, ratio from year 1972 used to estimate the non-cultivated land area under irrigation	25 1, 35
			1973-1981		Interpolated		-
			1972	2	INE (1975a), INE (1975b)	Scaled with EUROSTAT to AEI	25 2, 25 3, 35
			1963-1971		Interpolated		-
			1962	2	INE (1966)	Scaled with EUROSTAT to AEI; original data for cultivated land, ratio from year 1972 used to estimate the non-cultivated land area under irrigation	25 4, 35
			1950-1961		Interpolated		-
			1949	0	Framji et al. (1981-1983)		13
			1928-1948		Interpolated		-
			1927	0	Lautensach (1932)		20 7
			1919-1926		Interpolated		-
			1918	0	Houston (1950)		25 5
			1889-1918		Interpolated		-
			1888	2	INE (1888)		25 6
SRI LANKA	LKA	13 2	2010, 2015	0	FAOSTAT		3
			2013	1	Department of Census and Statistics (2021)		34 9
			2010	0	GMIA v5, Department of Census and Statistics (2013), Jayewardene et al. (1991)		1, 25 7, 25 8
			2001-2009		Interpolated		-
			1961-2000	0	FAOSTAT		3

			1948-1960		Extrapolated	Extrapolated based on the trend in AEI 1961-1970	-
			1901-1947		Interpolated		-
			1900	0	Estimate	AEI estimated at 100000 ha	-
SUDAN	SDN	193	2010, 2015	0	FAOSTAT		3
			2001-2005	0	Estimate	Assumed constant at the value for year 2000	-
			1961-2000	0	FAOSTAT		3
			1960		Interpolated		-
			1959	0	Framji et al. (1981-1983)	Scaled based on the ratio of AEI reported by Framji et al. (1981-1983) and FAOSTAT in 1969	13, 3
			1946-1958		Interpolated		-
			1945	0	Barbour (1959)		259
			1935-44		Interpolated		-
			1934	0	Barbour (1959)		259
			1901-1933		Interpolated		-
			1900	0	Estimate	AEI estimated at 200000 ha based on Barbour (1959)	-
SOUTH SUDAN	SSD	254	2015	0	FAOSTAT		3
SURINAME	SUR	208	2010, 2015	0	FAOSTAT		3
			1999-2005	0	Estimate	Assumed constant at the value for year 1998	-
			1998	0	GMIA v5, FAO (2000)		1, 260
			1961-1997	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	Estimate	AEI estimated at 1000 ha	-
SVALBARD AND JAN MAYEN	SJM	198	1900-2015	0	Estimate	Assumed no irrigation	-

SWAZILAND	SWZ	21 2	2010, 2015	0	FAOSTAT		3
			2001- 2005	0	GMIA v5, FAO (2005)		1, 26 1
			2000	0	Riddell and Manyatsi (2003)		26 2
			1961- 1999	0	FAOSTAT		3
			1955- 1960		Interpolated		-
			1954	0	Framji et al. (1981-1983)	AEI reported at 5100 ha	13
			1951- 1953		Interpolated		-
			1950	0	Estimate	Assumed no irrigation	-
			1900- 1949	0	Estimate	Assumed no irrigation	-
SWEDEN	SWE	21 1	2010, 2015	1	EUROSTAT	AEI 2010 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013. AEI 2015 was calculated by taking the maximum of irrigable area for 2010, 2013 and 2015.	31 2
			2005	1	EUROSTAT		35
			2000	1	EUROSTAT		35
			1995	1	EUROSTAT		35
			1961- 1990	0	FAOSTAT		3
			1946- 1960		Interpolated		-
			1945	0	Estimate	Minimum AEI due to decline of pasture irrigation until 1945 and starting of cropland irrigation	-
			1901- 1944		Interpolated		-
			1900	1	Estimate	AEI estimated at 85000 ha based on Emanuelsson and Möller (1990)	81
SWITZERLAND	CHE	43	2010, 2015	2	EUROSTAT	AEI 2010 and 2015 was calculated by taking the maximum of AAI of 2010, 2013, 2016 and Weber 2007	26 3, 31 2
			2005	0	Weber and Schild (2007)		26 3

			2000	0	Weber and Schild (2007)	263
			1981-1999		Interpolated	-
			1980	0	Reynard (1995)	264
			1956-1979		Interpolated	-
			1955	0	Reynard (1995)	264
			1941-1954		Interpolated	-
			1940	0	Reynard (1995)	264
			1930		Interpolated	-
			1920	0	Estimate AEI estimated at 30000 ha based on the trend described in Reynard (1995)	264
			1910	0	Estimate AEI estimated at 40000 ha based on the trend described in Reynard (1995)	264
			1900	0	Estimate AEI estimated at 50000 ha based on the trend described in Reynard (1995)	264
SYRIA	SYR	214	2010, 2015	0	FAOSTAT	3
			2006	0	FAOSTAT	3
			2002-2005		Interpolated	-
			2001	1	AOAD (2003)	265
			1994-2000		Interpolated	-
			1993	1	AOAD (1994)	12
			1992	1	FAO (1992)	266
			1986-1991		Interpolated	-
			1961-1985	0	FAOSTAT	3
			1959-1960	0	Hopfinger (1993)	267
			1947-1958		Interpolated	-
			1946	0	Estimate 1/2 of AEI in 1959	-
			1934-1945		Interpolated	-
			1933	0	Estimate	-

			1901-1932		Interpolated	-
			1900	0	Framji et al. (1981-1983)	13
TAIWAN	TWN	228	2015	2	Directorate-General of Budget, Accounting and Statistics (2015)	350
			2010	0	Estimate	-
					Assumed constant (2005 value)	
			2005	0	GMIA v5, Directorate-General of Budget, Accounting and Statistics (2007)	1,268
			1996-2004		Interpolated	-
			1995	0	Directorate-General of Budget, Accounting and Statistics (1997)	269
			1990	0	Directorate-General of Budget, Accounting and Statistics (1997)	269
			1977-1989		Estimate	-
					Scaled based on trend of AEI in China	
			1976	0	Framji et al. (1981-1983)	13
			1967-1975		Interpolated	-
			1966	0	Framji et al. (1981-1983)	13
			1960-1956		Interpolated	-
			1959	0	Framji et al. (1981-1983)	13
			1950-1958		Interpolated	-
			1949	0	Framji et al. (1981-1983)	13
			1946-1948		Interpolated	-
			1945	0	Framji et al. (1981-1983)	13
			1941-1944		Interpolated	-

			1940	0	Framji et al. (1981-1983)	13
			1901- 1939		Interpolated	-
			1900	0	Framji et al. (1981-1983)	13
TAJIKISTAN	TJK	21 9	2010, 2015	0	AQUASTAT	11
			2008	0	GMIA v5, Agency on Land, Geodesy and Cartography (2008)	1, 27 0
			2001- 2007		Interpolated	-
			2000	2	Aus der Beek et al. (2011)	15 6
			1995- 1999		Interpolated	-
			1994	2	Aus der Beek et al. (2011)	15 6
			1992	2	Aus der Beek et al. (2011)	15 6
			1986- 1991		Interpolated	-
			1985	2	Aus der Beek et al. (2011)	15 6
			1980	2	Aus der Beek et al. (2011)	15 6
			1970	2	Aus der Beek et al. (2011)	15 6
			1960	2	Aus der Beek et al. (2011)	15 6
			1900- 1959	0	Estimate	Scaled based on trend of AEI in Kyrgystan and Uzbekistan
TANZANIA	TZA	22 9	2015	1	National Bureau of Statistics (2016)	35 1
			2010	0	FAOSTAT	3
			2003- 2005	0	Estimate	Assumed constant at the value for year 2002
			2002	0	GMIA v5, MAFS and JICA (2002), National Bureau of Statistics (2006, 2007)	1, 27 1- 27 3
			1993- 2000	0	AQUASTAT	11
			1961- 1992	0	FAOSTAT	3

			1900-1960	0	Sheridan (2002), Baumann (1891)	AEI assumed constant at the value for 1961 based on Sheridan (2002) and Baumann (1891)	27 4, 27 5
THAILAND	THA	218	2015	1	Office of Agricultural Economics (2018)	AEI for the year 2015 was calculated by taking the maximum of AAI for the years 2012, 2013, 2014, 2015, 2016 and 2017 at sub-national level	35 2
			2010	0	FAOSTAT		3
			2007	0	GMIA v5, FAO (2012)		1, 27 6
			2001-2006		Interpolated		-
			2000	1	FAO (2012), FAOSTAT	National AEI from FAOSTAT, subnational distribution according to FAO (2012)	11 , 3
			1993-1999		Interpolated		-
			1992	1	Ministry of Agriculture and Co-operatives (1993), FAOSTAT	National AEI from FAOSTAT, subnational distribution according to Ministry of Agriculture and Co-operatives (1993)	27 7, 3
			1991		Interpolated		-
			1990	1	Ministry of Agriculture and Co-operatives (1993)		27 7
			1989		Interpolated		-
			1988	1	Ministry of Agriculture and Co-operatives (1993)		27 7
			1961-1985	0	FAOSTAT		3
			1960		Interpolated		-
			1959	0	Framji et al. (1981-1983)		13
			1911-1958		Interpolated		-
			1910	0	Framji et al. (1981-1983)		13
			1901-1909		Interpolated		-
			1900	0	Estimate		-

TOGO	TGO	21 7	2010, 2015	0	FAOSTAT		3
			2001- 2005	0	Estimate	AEI assumed constant at the value for year 2000	-
			1998- 2000	0	FAOSTAT, AQUASTAT	FAOSTAT scaled with ratio between AEI in AQUASTAT and FAOSTAT for year 1996	3, 11
			1983- 1997	0	AQUASTAT		11
			1961- 1982	0	FAOSTAT		3
			1900- 1960	0	Estimate	AEI assumed constant at the value for 1961 (1000 ha)	-
TOKELAU	TKL	22 0	1900- 2015	0	Estimate	Assumed no irrigation	-
TONGA	TON	22 3	1900- 2015	0	Estimate	Assumed no irrigation	-
TRINIDAD AND TOBAGO	TTO	22 4	2010, 2015	0	FAOSTAT		3
			1998- 2005	0	Estimate	AEI assumed constant at the value for 1997 (1000 ha)	-
			1997	0	GMIA v5, FAO (2000)		1, 27 7
			1993- 1996	0	AQUASTAT		11
			1982- 1992		Interpolated		-
			1981	0	AQUASTAT		11
			1976- 1980		Interpolated		-
			1975	0	AQUASTAT		11
			1962- 1974		Interpolated		-
			1961	0	AQUASTAT		11
			1905- 1960		Extrapolated	Extrapolated based on trend in AEI in period 1961-1975	-
			1900- 1904	0	Estimate	Assumed no irrigation	-
TUNISIA	TUN	22 5	2015	0	FAOSTAT		3
			2011	1	MAWF (2011)		35 3

			2006	0	GMIA v5, DGPDI A - S/D STAT (2000), Government of Tunisia (2008)	1, 27 9, 28 0
			2001- 2005		Interpolated	-
			2000	0	GMIA v4, DGPDI A - S/D STAT (2000)	4, 27 9
			1995	1	Estimate AEI assumed constant at the value for 1991	89
			1991	1	Siebert et al. (2002) AEI per governorate derived from the FAO AQUASTAT library	89
			1961- 1990	0	FAOSTAT	3
			1901- 1960		Interpolated	-
			1900	0	Framji et al. (1981-1983)	13
TURKEY	TUR	22 6	2010, 2015	0	FAOSTAT	3
			2002- 2005	1	Estimate AEI assumed constant at the value for 2001	-
			2001	1	GMIA v5, DIE (2012)	1, 28 1
			1995- 2000		Interpolated	-
			1994	0	GMIA v4, FAO (1997)	4, 28 2
			1992- 1993	0	FAOSTAT	3
			1991	1	DIE (1992)	28 3
			1990		Interpolated	-
			1961- 1985	0	FAOSTAT	3
			1960		Interpolated	-
			1959	0	Framji et al. (1981-1983)	13
			1952- 1958		Interpolated	-
			1950, 1951	1	Central Statistical Office (1956)	28 4
			1901- 1949		Interpolated	-

			1900	0	Estimate	2/3 of AEI in 1950	-
TURKMENISTAN	TKM	221	2010, 2015	0	FAOSTAT		3
			2006	0	GMIA v5, Ministry of Water Economy (2007)		1, 28 5
			2001-2005		Interpolated		-
			2000	1	Aus der Beek et al. (2011)		15 6
			1995-1999		Interpolated		-
			1994	1	Aus der Beek et al. (2011)		15 6
			1990	1	Aus der Beek et al. (2011)		15 6
			1985	1	Aus der Beek et al. (2011)		15 6
			1980	1	Aus der Beek et al. (2011)		15 6
			1970	1	Aus der Beek et al. (2011)		15 6
			1960	1	Aus der Beek et al. (2011)		15 6
			1900-1959	0	scaled based on Kyrgystan and Uzbekistan	Scaled based on trend in Kyrgystan and Uzbekistan, AEI of 1960 used for scaling	-
TURKS AND CAICOS ISLANDS	TCA	215	1900-2015	0	Estimate	Assumed no irrigation	-
TUVALU	TUV	227	1900-2015	0	Estimate	Assumed no irrigation	-
UGANDA	UGA	230	2010, 2015	0	FAOSTAT		3
			2001-2005	0	Estimate	AEI assumed constant at the value for 2000	-
			1999-2000	0	GMIA v5, FAO (2006), FAOSTAT	AEI assumed constant at the value for 1998, similar to the trend in AEI in FAOSTAT	1, 28 6, 3
			1998	0	GMIA v5, FAO (2006)		1, 28 6
			1988-1997		Interpolated		-
			1983-1987	0	AQUASTAT		11

			1961-1984	0	FAOSTAT		3
			1956-1960		Extrapolated	Based on the trend of AEI in period 1961-1966, AEI declines to 0 in year 1956	-
			1900-1955	0	Estimate	Assumed no irrigation	-
UKRAINE	UKR	23 1	2010, 2015	0	FAOSTAT		3
			2010, 2015	1	Estimate	Sub-national data for 2010 and 2015 was calculated by scaling the sub-national AEI data of 2006 to the national AEI values of FAOSTAT for years 2010 and 2015.	-
			2006	1	Nadtochy and Myslyva (2007)		28 7
			2001-2005	0	Estimate	AEI assumed constant at the value for 2000	-
			2000	0	Nadtochy and Myslyva (2007)		28 7
			1995	0	Nadtochy and Myslyva (2007)		28 7
			1987-1994		Interpolated		-
			1986	0	Nadtochy and Myslyva (2007)		28 7
			1977-1985		Interpolated		-
			1976	0	Nadtochy and Myslyva (2007)		28 7
			1967-1975		Interpolated		-
			1966	0	Nadtochy and Myslyva (2007)		28 7
			1941-1965		Interpolated		-
			1940	0	Nadtochy and Myslyva (2007)		28 7
			1918-1939		Interpolated		-
			1917	0	Nadtochy and Myslyva (2007)		28 7
			1900-1916	0	Estimate	Assumed constant, based on former USSR (Framji et al., 1981-1983))	-

UNITED ARAB EMIRATES	ARE	9	2016	1	MCCE (2016)		354
			2015	0	Interpolated		-
			2010	1	MCCE (2010)		355
			2004-2005	0	Estimate	AEI assumed constant at the value for 2003	-
			2003	0	GMIA v5, FAO (2013)		1,288
			2001	0	GMIA v4, Ministry of Planning (2003)		4,289
			1999-2000		Interpolated		-
			1998	0	GMIA v4, MAF (2004)		4,290
			1993-1997		Interpolated		-
			1992	0	GMIA v4, MAF (2004)		4,290
			1986-1991		Interpolated		-
			1961-1985	0	FAOSTAT		3
			1901-1960		Interpolated		-
			1900	0	HYDE	AEI set to cropland area reported in HYDE 3.1	291
UNITED KINGDOM	GBR	80	2010, 2015	1	EUROSTAT	AEI 2010 and AEI 2015 was calculated by taking the maximum of irrigable area for 2007, 2010 and 2013.	312
			2005	2	EUROSTAT		35
			2003	1	EUROSTAT		35
			1998-2002		Interpolated		-
			1997	1	EUROSTAT		35
			1993-1996		Interpolated		-
			1993	1	EUROSTAT		35
			1991-1992		Interpolated		-
			1990	1	EUROSTAT		35
			1961-1989	0	FAOSTAT		3

			1951-1960		Interpolated		-
			1945	0	Estimate	Based on the reported decline in meadow irrigation in the early 20th century (e.g. by Brown, 2003) a remaining AEI of 5000 ha was assumed	29 2
			1901-1944		Interpolated		-
			1900	0	Adkin (1933)		29 3
UNITED STATES	USA	23 4	2015	2	NASS (2014), Dieter et al. (2018), NASS (2019),	Max. of AAI reported in for each county in Agricultural Censuses 2012 and 2017 and Water Census 2015	36 2, 36 4, 36 3
			2010	2	Kenny et al. (2009), NASS (2009), Maupin et al. (2014)	Max. of AAI reported in for each county in Agricultural Census 2007 and Water Censuses 2005 and 2010	29 5, 29 4, 36 5
			2007	0	GMIA v5, NASS (2005, 2009), Kenny et al. (2009), Hutson et al. (2005)	Max. of AAI reported in for each county in Agricultural Censuses 2007 and 2002 and Water Censuses 2005 and 2000	1, 29 4, 29 5, 21 0, 21 1
			2001-2006		Interpolated		-
			2000	2	NASS (2005, 2000), Hutson et al. (2005), Solley et al. (1998)	Max. of AAI reported in Agricultural Censuses 2002 and 1997 and Water Censuses 2000 and 1995	29 5, 29 6, 21 1, 21 3
			1995	2	NASS (2000, 1994), Solley et al. (1998, 1993)	Max. of AAI reported in Agricultural Censuses 1997 and 1992 and Water Censuses 1995 and 1990	29 6, 29 7, 21 3, 21 5

		1990	2	NASS (1989), Solley et al. (1993, 1988)	Max. of AAI reported in Agricultural Census 1987 and Water Censuses 1990 and 1985	29 8, 21 5, 21 7
		1985	1	Lamm and Brown (2003)		21 8
		1980	1	Lamm and Brown (2003)		21 8
		1970	1	Lamm and Brown (2003)		21 8
		1960	1	MacKichan and Kammerer (1961)		21 9
		1950- 1959		Interpolated		-
		1949	1	US Bureau of the Census (1961)		29 9
		1940	2	United States Department of Commerce (1942)		30 0
		1930	2	United States Department of Commerce (1932)		30 1
		1920	2	United States Department of Commerce (1922)		30 2
		1910	1	United States Department of Commerce (1942)		29 9
		1900	1	United States Department of Commerce (1942)		29 9
URUGUAY						
	URY	23 3	2010, 2015	0	Estimate	Assumed constant (2000 value)
			2001- 2005	0	Estimate	AEI assumed constant at the value for 2000
			2000	0	GMIA v5, Ministerio de Ganadería, Agricultura y Pesca (2001)	1, 30 3
			1980- 1995	0	FAOSTAT	3
			1961- 1979	0	FAOSTAT scaled to AQUASTAT	3, 11
			1960		Interpolated	-
			1959	0	Framji et al. (1981-1983)	13

			1957-1958		Interpolated	-
			1956	0	Framji et al. (1981-1983)	13
			1952-1955		Interpolated	-
			1951	0	Framji et al. (1981-1983)	13
			1940-1950		Extrapolated	Based on trend in AEI for period 1951-1961, declines to 0 in 1940
			1900-1939	0	Estimate	Assumed no irrigation
VIRGIN ISLANDS, U.S.	VIR	240	2010, 2015	0	FAOSTAT	3
			2007	0	GMIA v5, NASS (2005, 2009)	1, 30 4, 30 5
			2001-2006		Interpolated	-
			2000	0	GMIA v4, NASS (2005)	4, 30 5
			1956-1999	0	Estimate	Scaled based on the trend of AEI in Guadeloupe, declines to 0 in year 1956
			1900-1955	0	Estimate	Assumed no irrigation
UZBEKISTAN	UZB	235	2015	1	MWR (2016)	356
			2010	0	FAOSTAT	3
			2005	0	FAO (2013)	306
			2000	1	Aus der Beek et al. (2011), FAOSTAT	AEI at national scale from FAOSTAT, subnational partitioning according to Aus der Beek et al. (2011) 3, 15 6
			1995	1	Aus der Beek et al. (2011), FAOSTAT	AEI at national scale from FAOSTAT, subnational partitioning according to Aus der Beek et al. (2011) 3, 15 6
			1990	1	Aus der Beek et al. (2011)	156
			1985	1	Aus der Beek et al. (2011)	156

			1980	1	Aus der Beek et al. (2011)		156
			1970	1	Aus der Beek et al. (2011)		156
			1960	1	Aus der Beek et al. (2011)		156
			1950	0	FAO (1997)		27
			1945	0	FAO (1997)		27
			1929-1944		Interpolated		-
			1928	0	FAO (1997)		27
			1914-1927		Interpolated		-
			1913	0	FAO (1997)		27
			1900-1912	0	Estimate	AEI assumed constant (based on trend of AEI in Russia reported by Framji et al. 1981-1983)	13
VANUATU	VUT	242	1900-2015	0	Estimate	Assumed no irrigation	-
VENEZUELA	VEN	238	2010, 2015	3	FAOSTAT, Estimate	AEI 2010 and 2015 was calculated by taking a sum of irrigated pasture and irrigated area at sub-national level. Sub-national data of year 2008 was used and was scaled to the FAOSTAT 2010 and 2015 national totals.	3
			2008	3	GMIA v5, Ministerio del Poder Popular para la Agricultura y Tierras (2010)		1,307
			1999-2007		Interpolated		-
			1961-1998	0	FAOSTAT		3
			1951-1960		Interpolated		-
			1950	0	Estimate		-
			1901-1949		Interpolated		-
			1900	0	Estimate		-
VIETNAM	VNM	241	2010, 2015	0	FAOSTAT		3

			2005	0	GMIA v5, FAO (2012)	1,308
			1961-2000	0	FAOSTAT	3
			1901-1960		Interpolated	-
			1900	0	Estimate 30% of AEI in 1961	-
WALLIS AND FUTUNA	WLF	243	1900-2015	0	Estimate Assumed no irrigation	-
WESTERN SAHARA	ESH	69	1900-2015	0	Estimate Assumed no irrigation	-
YEMEN	YEM	245	2015	1	Central Statistics Office (2016)	357
			2010	0	FAOSTAT	3
			2009	0	GMIA v5, Central Statistics Office (2006-2010)	1,309
			2001-2008		Interpolated	-
			1961-2000	0	FAOSTAT	3
			1901-1960		Interpolated	-
			1900	0	Estimate AEI estimated at 100000 ha	-
ZAMBIA	ZMB	247	2010, 2015	0	Estimate Assumed constant (2005 AEI value)	-
			2003-2005	0	FAOSTAT	3
			2002	0	GMIA v5, Ministry of Agriculture and Cooperatives (2002)	1,310
			1998-2000	0	AQUASTAT	11
			1993-1997		Interpolated	-
			1988-1992	0	AQUASTAT	11
			1961-1987	0	FAOSTAT AEI reported at 2000 ha in 1961	3
			1951-1960		Interpolated	-
			1950	0	Estimate AEI estimated at 1000 ha	-

			1900-1949	0	Estimate	Assumed no irrigation	-
ZIMBABWE	ZWE	24	2010, 2015	0	FAOSTAT		3
		8	2001-2005	0	FAOSTAT		3
			1999	0	GMIA v5, FAO (2005)		1, 31
			1988-2000	0	AQUASTAT		11
			1961-1987	0	FAOSTAT		3
			1960	0	Framji et al. (1981-1983)		13
			1951-1959		Interpolated		-
			1950	0	Framji et al. (1981-1983)		13
			1921-1949		Interpolated		-
			1900-1920	0	Estimate	Assumed no irrigation	-

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716 References

SOURCE NO.	SOURCE	FULL REFERENCE
1	GMIA v5	Siebert, S., Henrich, V., Frenken, K., Burke, J., 2013. Update of the global map of irrigation areas to version 5. Project report, 170 pp, DOI:10.13140/2.1.2660.6728
2	AIMS, FAO (1993)	Afghanistan Information Management Service (AIMS), FAO, 2003. Land cover of Afghanistan (1993). http://www.fao.org/geonetwork/srv/en/metadata.show?id=1289 , 30/03/2012.
3	FAOSTAT	FAO, 2021. FAOSTAT—FAO database for food and agriculture. Rome: Food and agriculture Organisation of United Nations (FAO). Available at: https://www.fao.org/faostat/en/#data/RL , 01/06/2021.
4	GMIA v4	FAO, 2007. Global map of irrigation areas (version 4.0.1). FAO Land and Water Digital Media Series 34, FAO, Rome, Italy, http://www.fao.org/nr/water/aquastat/catalogues/FAO_LWDMS_34.zip , 24/09/2014.
5	Ministry of Water and Power (1967)	Ministry of Water and Power, 1967. Irrigated areas per province and per source. Table available in the Aquastat library.

6	Qureshi (2002)	Qureshi, A.S., 2002. Water resources management in Afghanistan: The issues and options, Lahore, Pakistan: IWMI. iii, 29p. [IWMI Working paper 49/Pakistan Country series no.14]
7	FAO (1992)	FAO, 1992. Albania: Irrigation Subsector Review, Report No. 93/92 CP-ALB 4 SR., Rome: Food and Agriculture Organization of the United Nations (FAO).
8	Toepfer (1993)	Toepfer, H. 1993. Die Bewässerungslandwirtschaft und Nahrungsmittelproduktion in Albanien. In: Popp, H. & Rother, K. eds. Die Bewässerungsgebiete im Mittelmeerraum, Passau, Germany, Passavia Universitätsverlag, 105-112.
9	World Bank (1994)	World Bank, 1994. Albania - Irrigation Rehabilitation Project, Staff appraisal report no. 12609-ALB, Annex 2, Agriculture and Water Supply Operations Division, Central Europe Department, Europe and Central Asia Region, World Bank.
10	FAO (2005)	FAO, 2005. AQUASTAT country profile Algeria. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries/algeria/indexfra.stm , 14/01/2011.
11	Aquastat	FAO, 2013. AQUASTAT—FAO's global information system on water and agriculture. Rome: Food and agriculture Organisation of United Nations (FAO). Available at: http://www.fao.org/nr/water/aquastat/main/index.stm , 28/02/2011.
12	AOAD (1994)	Arab Organization for Agricultural Development (AOAD), 1994. Arab Agricultural Statistics Yearbook, Volume 14, League of Arab States, Arab Organization for Agricultural Development.
13	Framji et al. (1981-1983)	Framji, K.K., Garg, B.C. & Luthra, S.D.L., 1981-1983. Irrigation and drainage in the world: a global review, New Delhi, India: International Commission on Irrigation & Drainage, Volumes 1-3.
14	Commission sur les perspectives de développement économique et social (1999)	Commission sur les perspectives de développement économique et social, 1999. Problématique de développement agricole: Éléments pour un débat national., Algeria: Commission sur les perspectives de développement économique et social, Conseil national économique et social, République algérienne démocratique et populaire.
15	NASS (2005)	NASS, 2005. American Samoa. 2003 Census of Agriculture, Volume 1, Geographic Area Series, Part 55, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2002/index.asp , 12/08/2009.

16	EEA (1999)	EEA, 1999. Corine land cover 1990 - vector by country (CLC1990), version 1. http://dataservice.eea.europa.eu/dataservice/metadetails.asp?id=188 , 29/08/2005.
17	FAO (2005)	FAO, 2005. AQUASTAT country profile Angola. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/angola/indexfra.stm , 06/10/2010.
18	FAO (2000)	FAO, 2000. Irrigation in Latin America and the Caribbean in figures. Water Report 20, FAO, Rome, Italy.
19	INDEC (2006)	Instituto Nacional de Estadística y Censos (INDEC), 2006. Censo Nacional Agropecuario 2002. Online data base, available at http://www.indec.mecon.gov.ar/ , 10/08/2006.
20	Morábito (1997)	Morábito, J., 1997. Introducción al Riego. El Riego en el mundo, Argentina y Mendoza. Instituto Nacional de Ciencia y Técnica Hídricas (INCyTH) - Universidad Nacional de Cuyo.
21	INDEC (1988)	INDEC, 1988. Censo nacional agropecuario 1988, Buenos Aires: Instituto nacional de estadística y censos.
22	Fiorentino (1988)	Fiorentino, R., 1988. Apuntes para una estrategia de desarrollo de la agricultura de riego en la Argentina. Desarrollo económico: revista de ciencias sociales, Buenos Aires, 27(108), pp.539–558.
23	Sisson and Whitbeck (1933)	Sisson, D., Whitbeck, R.H., 1933. Irrigation in South America. Economic Geography, 9(2), 198–210.
24	Klein Goldewijk et al. (2011)	Klein Goldewijk, K., Beusen, A., van Dreht, G., de Vos, M., 2011. The HYDE 3.1 spatially explicit database of human-induced global land-use change over the past 12,000 years, Global Ecology and Biogeography 20, 73-86, doi:10.1111/j.1466-8238.2010.00587.x
25	Ministry of Territorial Administration (2007)	Ministry of Territorial Administration, 2007. The cadaster of meliorative conditions of irrigated and drained areas of the Republic of Armenia. Ministry of Territorial Administration, State Commity on Water Management, Melioration Organization.
26	Republic of Armenia (1993)	Republic of Armenia, 1993. Irrigation sub-sector review and project identification. Report to FAO. Report no. 79/93 CP - ARM2.
27	FAO (1997)	FAO, 1997. Irrigation in the countries of the former Soviet Unions in figures. Water Report 15, Food and Agriculture Organization of the United Nations. Rome, Italy.
28	Greenwood (1965)	Greenwood, N.H., 1965. Developments in the irrigation resources of the Sevan-Razdan cascade of Soviet Armenia. Annals of the Association of American Geographers, 55(2), 291–307.

29	Shtepa et al. (1985)	Shtepa, B.G., Andrianov, B.V. & Maslov eds., 1985. History of Irrigation, Drainage, Flood Control and River Engineering, Vol. 1: History of Irrigation and Drainage in the USSR. Prepared by USSR National Committee on Irrigation and Drainage, Delhi, India: International Commission on Irrigation and Drainage, Central Electric Press, 264pp
30	ABS (2008)	ABS, 2008. Water use on Australian farms, 2005-06. Australian Bureau of Statistics (ABS), cat. no. 4618.0, http://www.abs.gov.au/AUSSTATS/abs@.nsf/allprimarymainfeatures/902502BE6F61594CCA2574B100160196?opendocument , 06/06/2011.
31	BRS (2010)	BRS, 2010. 2001/2002 Land Use of Australia, Version 3. National Land and Water Resources Audit, Bureau of Rural Sciences (BRS), Commonwealth of Australia, http://adl.brs.gov.au/mapserv/landuse/index.cfm?fa=app.loaddata&tab=loaddata , 07/06/2010.
32	Australian Bureau of Statistics (1998)	Australian Bureau of Statistics (ABS), 1998. A spatially consistent sub-set of AgStats data 1982/83 to 1996/1997, BRS, Commonwealth of Australia.
33	Commonwealth Bureau of Census and Statistics (1950-1977)	Commonwealth Bureau of Census and Statistics, 1950-1977. Pocket Compendium of Australian Statistics. Commonwealth Bureau of Census and Statistics.
34	Frenzel (1957)	Frenzel, K., 1957. Künstliche Bewässerung in Australien, Bremen: Walter Dorn Verlag.
35	European Commission (2007)	European Commission, 2007. EUROSTAT—Statistical office of the European Union. Luxembourg: European Commission. http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home/ , 18/04/2007.
36	FAO (2009)	FAO, 2009. AQUASTAT country profile of Azerbaijan, version 2008. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/azerbaijan/index.stm , 06/10/2010.
37	AOAD (2003)	Arab Organization for Agricultural Development, 2003. Arab Agricultural Statistics Yearbook 2002. Agricultural Information, Documentation and Statistics Center, http://www.aoad.org , 19/07/2004.
38		
39	FAO (1999)	FAO, 1999. Irrigation in Asia in figures. Water Report 18, FAO, Rome, Italy.

40	BBS (2004)	Bangladesh Bureau of Statistics (BBS), 2004. NDB Statistics, Zila Profiles. http://www.bbsgov.org , 12/07/2004.
41	National statistical committee of the Republic of Belarus (2011)	National statistical committee of the Republic of Belarus, 2011. Environmental Protection in the Republic of Belarus – Statistical book, Minsk: National statistical committee of the Republic of Belarus.
42	Ballester et al. (2007)	Ballester, M., Reyes, V., & Astorga, Y., 2007. Groundwater in Central America: its importance, development and use, with particular reference to its role in irrigated agriculture. In: Giordano, M. & Villholth, K. G., The agricultural groundwater revolution. Opportunities and threads to development. International water Management Institute (IWMI), Colombo, Sri Lanka, 100-128, http://www.iwmi.cgiar.org/Publications/CABI_Publications/index.aspx , 12/08/2009.
43	FAO (2005)	FAO, 2005. AQUASTAT country profile Benin. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/benin/indexfra.stm , 06/10/2010.
44	NSB (2009)	National Statistics Bureau (NSB), 2009. Statistical Yearbook of Bhutan 2009. NSB, Royal Government of Bhutan, Thimphu, http://www.nsb.gov.bt/pub/syb/syb2009.pdf , 10/04/2012.
45	FAO (2000)	FAO, 2000. AQUASTAT country profile of Bolivia. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/bolivia/indexesp.stm , 06/10/2010.
46	Federal Ministry of Agriculture, Water Management and Forestry (2010)	Federal Ministry of Agriculture, Water Management and Forestry, 2010. Water management strategy of the Federation of Bosnia and Herzegovina, Bosnia and Herzegovina: The Sava River Basin District Agency, Sarajevo; The Adriatic Sea River Basin District, Mostar.
47	Freydank and Siebert (2008)	Freydank, K. & Siebert, S. (2008): Towards mapping the extent of irrigation in the last century: a time series of irrigated area per country. Frankfurt Hydrology Paper 08, Institute of Physical Geography, University of Frankfurt, Frankfurt am Main, Germany.
48	FAO (2003)	FAO, 2003. Botswana. National irrigation policy and strategy – Irrigation situation analysis. Report November 2003 (second draft) by Stephens T.F. TCP/BOT/0065 (A).

49	IBGE (2006)	Instituto Brasileiro de Geografia e Estatística (IBGE), 2006. Censo Agropecuario 2006. Online publication, http://www.ibge.gov.br/home/download/estatistica.shtm , 24/01/2012.
50	ANA (2003)	Agência Nacional de Águas (ANA), 2003. Plano nacional de recursos hídricos. Online publication, available at: http://www.ana.gov.br/pnrh/index.htm , 10/08/2006.
51	IBGE (1996)	Instituto Brasileiro de Geografia e Estatística (IBGE), 1996. Census of Agriculture 1995-1996, Available at: http://www.ibge.gov.br/home/estatistica/economia/agropecuaria/censoagro/1995_1996/ .
52	Christofidis (2002)	Christofidis, D., 2002. Irrigação, a fronteira hídrica e a produção de alimentos. <i>Irrigação e Tecnologia Moderna</i> 54, 46-55.
53	ANA (2009)	Agência Nacional de Águas (ANA), 2009. Conjuntura dos Recursos Hídricos no Brasil 2009, Agência Nacional de Águas.
54	FAO (2011)	FAO, 2011. AQUASTAT country profile of Brunei Darussalam, version 2010. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/brunei_darsm/index.stm , 10/04/2012.
55	Chehlarova-Simeonova et al. (2006)	Chehlarova-Simeonova, S., Yusuf, S., Florov, V. and Ninova, M., 2006. Country report from Bulgaria. In: Dirksen, W. and Huppert, W. (ed.). <i>Irrigation sector reform in Central and Eastern European countries</i> . Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany, 41-102.
56	FAO (2005)	FAO, 2005. AQUASTAT country profile Burkina Faso. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/burkina_faso/indexfra.stm , 06/10/2010.
57	FAO (2005)	FAO, 2005. AQUASTAT country profile Burundi. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/burundi/indexfra.stm , 06/10/2010.
58	MRC (2009)	Mekong River Commission Secretariat, 2009. Irrigation dataset 2009. http://portal.mrcmekong.org/ , 18/04/2012.
59	Statistics Canada (2001a)	Statistics Canada, 2001. 2001 Census of Agriculture, Table 8 - Land inputs by province, Census Agricultural Region (CAR) and Census Division (CD), 2000, downloaded from http://www.statcan.ca/english/freepub/95F0301XIE/tables.htm in March 2005.

60	Statistics Canada (2001b)	Statistics Canada, 2001. 2001 Census of Agriculture Data for the Yukon Territory and Northwest Territories, Table 8 - Land inputs by territory, 2000, downloaded from http://www.statcan.ca/english/freepub/95F0301XIE/tables/diss_e.htm in March 2005.
61	Statistics Canada (1996)	Statistics Canada, 1996. 1996 Census of Agriculture: Agricultural Operations National and Provincial Highlights Tables, downloaded from http://www.statcan.gc.ca/bsolc/olc-cel/olc-cel?lang=eng&catno=93F0033X .
62	Ministère de l'agriculture et de la sylviculture (1997)	Ministère de l'agriculture et de la sylviculture, 1997. Plan national directeur de l'irrigation – Cap Vert.
63	FAO (2005)	FAO, 2005. AQUASTAT country profile Chad. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/chad/indexfra.stm , 06/10/2010.
64	Ministry of Water Resources (2006)	Ministry of Water Resources, 2006. China statistics on water resources 2005. Ministry of Water Resources (MWR), Beijing, PR of China.
65	Agriculture, Fisheries and Conservation Department (2002)	Agriculture, Fisheries and Conservation Department, 2002. Department annual report 2001/02. http://www.afcd.gov.hk , 21/11/2004.
66	National Bureau of Statistics (2001)	National Bureau of Statistics, 2001. China Statistical Yearbook 2001. National Bureau of Statistics, http://www.stats.gov.cn/english/statisticaldata/yearlydata/YB2001e/ml/indexE.htm , 20/08/2010.
67	National Bureau of Statistics (1990-2000)	National Bureau of Statistics, 1990-2000. China Statistical Yearbook. National Bureau of Statistics, data provided by USDA ERS, http://www.ers.usda.gov/data/archive/99002/ , 19/04/2007
68	National Bureau of Statistics	National Bureau of Statistics, 1981-1989. China Agricultural Yearbook. National Bureau of Statistics, data provided by USDA ERS, http://www.ers.usda.gov/data/archive/99002/ , 19/04/2007

	s (1981-1989)	
69	Feng et al. (1999)	Feng G., Pei Y., Zhang H., 1999. Irrigation development and food safety in China. Ministry of Water Resources, 11pp., http://www.lanl.gov/chinawater/documents/fengguangzhi.pdf , 18/08/2008.
70	SSRC (1969)	Social Science Research Council (SSRC), 1969. Provincial Agricultural Statistics for Communist China, Ithaca, New York: Committee on the Economy of China, Social Science Research Council.
71	Bennet (1934)	Bennett, M.K., 1934. New Chinese agricultural statistics. <i>Journal of Farm Economics</i> , 16(2), 321–325.
72	Buck (1937)	Buck, J. L., 1937. Land utilization in China. Commercial Press LTD., Shanghai, China
73	FAO (2004)	FAO, 2004. Suivi du sommet mondial de l'alimentation : 5 ans après - Eléments de stratégie nationale pour la sécurité alimentaire et le développement agricole - Horizon 2015 - République Démocratique du Congo.
74	UNECA (2003)	UNECA, 2003. Republic of Congo - National report on water resources development 2003.
75	FAO (2000)	FAO, 2000. AQUASTAT country profile of Costa Rica. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/costa_rica/indexesp.stm , 06/10/2010.
76	FAO (2000)	FAO, 2000. AQUASTAT country profile of Cuba. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/cuba/indexesp.stm , 06/10/2010.
77	Republic of Cyprus (2006)	Republic of Cyprus, 2006. Census of agriculture 2003. Statistical Service, Republic of Cyprus http://www.mof.gov.cy/mof/cystat/statistics.nsf/index_en/index_en?OpenDocument , 02/03/2011.
78	Elkiran and Ergil (2006)	Elkiran, G., Ergil, M. 2006. Integrated water resources planning and management of North Cyprus: case study on water supply and demand including drought conditions. International Conference on "Water Observation and Information System for Decision Support" Ohrid, Republic of Macedonia, May 23-26, 2006, http://www.balwois.com/cms/index.php , 17/08/2009.
79	Štastná et al. (2006)	Štastná, M., Miškovský, J., Cermák, J., Doležal, F., Zavadil, J. & Spitz, P. 2006. Country report from Czech Republic. In: Dirksen, W. and Huppert, W. (ed.). Irrigation sector reform in Central and Eastern European countries. Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany, 103-118.

80	Štastná et al. (2007)	Štastná, M., Pintar, M., Cepuder, P., Zupanc, V. 2007. Status of irrigation in light of recent history of three central european countries: Czech Republic, Austria and Slovenia. In International History Seminar on Irrigation and Drainage. Teheran: IRNCID-ICID.
81	Emanuelsson and Möller (1990)	Emanuelsson, U. and Möller, J. 1990. Flooding in Scania: A Method to Overcome the Deficiency of Nutrients in Agriculture during the Nineteenth Century. The Agricultural History Review 38(2), 127-148.
82	FAO (2005)	FAO, 2005. AQUASTAT country profile Djibouti, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/djibouti/indexfra.stm , 06/10/2010.
83	FAO (2000)	FAO, 2000. AQUASTAT country profile of Dominica. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/dominica/index.stm , 06/10/2010.
84	INDRHI (2010)	INDRHI, 2010. Distritos de Riego. Instituto Nacional de Recursos Hidráulicos (INDRHI), http://www.indrhi.gov.do/distrito.php , 28/02/2012.
85	FAO (2000)	FAO, 2000. AQUASTAT country profile of the Dominican Republic. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/DOM/index.stm , 06/10/2010.
86	Democratic Republic of Timor Leste (2010)	Democratic Republic of Timor Leste, 2010. Draft of the RDTL Strategic Development Plan 2011-2030. http://www.laohamutuk.org/econ/SDP/SDPDraft.htm , 26/11/2010.
87	INEC (2008)	INEC, 2008. Base de Datos Censo Nacional Agropecuario 2000. Instituto Nacional de Estadística y Censos (INEC), http://www.inec.gov.ec/web/guest/ecu_est/est_agr/cen_agr?doAsUserId=W9NEZWtSVLU%253D , 18/08/2009.
88	Ministry of Agricultural and Land Reclamation (2003)	Ministry of Agriculture and Land Reclamation, 2003. Agricultural statistics, Volume 2, summer and Nili crops 2002. Sector of Economic Affairs. Arab Republic of Egypt.
89	Siebert et al. (2002)	Siebert, S., Döll, P., Hoogeveen, J., 2002. Global Map of Irrigated Areas Version 2.1: Updates for Africa and Oceania. FAO, Rome, Italy, http://www.fao.org/nr/water/aquastat/irrigationmap/GMIA-doc-v21.pdf , 08/05/2013.

90	Meyer (1993)	Die Expansion der ägyptischen Bewässerungswirtschaft im Zeichen der "Grünen Revolution" und einer wirtschaftlichen Liberalisierung. In: Popp, H. & Rother, K. eds. Die Bewässerungsgebiete im Mittelmeerraum, Passau, Germany, Passavia Universitätsverlag, 141-150.
91	Division de Riego y Drenaje (2007)	Division de Riego y Drenaje, 2007. Superficie bajo riego en El Salvador. http://www.mag.gob.sv/main/index.php?ids=253 , 19/03/2009.
92	FAO (2000)	FAO, 2000. AQUASTAT country profile of El Salvador. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/el_salvador/indexesp.stm , 06/10/2010.
93	FAO (2005)	FAO, 2005. AQUASTAT country profile Equatorial Guinea. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/eq_guinea/indexfra.stm , 06/10/2010.
94	FAO (2005)	FAO, 2005. AQUASTAT country profile of Eritrea, version 2005. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/eritrea/index.stm , 06/10/2010.
95	FAO (1998)	FAO, 1998. Estonia - sustainable water management strategies for the land drainage and irrigation sector. Field document, Report No: TCP/EST/5612, Rome, Italy.
96	Michels en (1986)	Michelsen, P. 1986. Irrigation in the Alps. Tools & Tillage 5(3): 161-173
97	IFEN (2005)	IFEN. 2005. Ensemble Intégré des Descripteurs de l'Environnement Régional (EIDER). CD-ROM, version 2005, Institut français de l'environnement (IFEN), Orleans, France.
98	Wilson (1898)	Wilson, H.M., 1898. Relations of irrigation to geography. Journal of the American Geographical Society of New York, 30(1), 1-14.
99	MAAPAR (2010)	Ministère de l'agriculture, de l'alimentation, de la pêche, de la ruralité et de l'aménagement du territoire, 2010. AGRESTE, Données en ligne, Structure des exploitations. http://agreste.maapar.lbn.fr/ , 06/10/2010.
100	ICDF (1999)	International Cooperation and Development Fund (ICDF), 1999. Development of tidal irrigation in the Gambia. In: ICDF. 1999 ICDF Annual Report – Special Report. 67-70.
101	FAO (2011)	FAO, 2011. AQUASTAT country profile of Georgia, version 2008. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/GEO/index.stm , 18/10/2011.

102	DESTA TIS (2011)	Statistisches Bundesamt (DESTATIS), 2011. Land- und Forstwirtschaft, Fischerei. Bodенbearbeitung, Bewässerung, Landschaftselemente, Erhebung über landwirtschaftliche Produktionsmethoden (ELPM), Wiesbaden: Statistisches Bundesamt, https://www.destatis.de/DE/Publikationen/Thematisch/LandForstwirtschaft/Produktionsmethoden/Bodenbearbeitung_Bewaesserung.html , 26/11/2013.
103	Fricke and Heidorn (2004)	Fricke, E. and Heidorn, H., 2004. Effizientes landwirtschaftliches Berechnungs-Management. http://www.fachverband-feldberechnung.de/basisinfo.htm , 26/07/2006.
104	Roth et al. (1995)	Roth, D., Eggers, T., Seesselberg, F., Albrecht, M., 1995. Status of sprinkler irrigation in Germany – an analysis of the Federal Sprinkler Irrigation Association. Zeitschrift für Bewässerungswirtschaft 30 (2), 113-120.
105	Simon (2009)	Simon, M., 2009. Die landwirtschaftliche Bewässerung in Ostdeutschland seit 1949, Eine historische Analyse vor dem Hintergrund des Klimawandels, Postdam, Germany: Postdam Institute for Climate Impact Research.
106	Kappes (1990)	Kappes, R., 1990. Berechnungsanlagen in der DDR. Zeitschrift für Bewässerungswirtschaft 25(2), 1-15.
107	Meißner (1991)	Meißner, H., 1991. Wasserbereitstellung und Wasserbeschaffenheit für Bewässerungszwecke in den neuen Bundesländern. Zeitschrift für Bewässerungswirtschaft 26(2), 3-14.
108	Wolff et al. (1996)	Wolff, P., Hübner, R., Stein, T.-M., 1996. Germany's irrigation sector under conditions of restricted water allocation. Gesamthochschule Kassel, Fachbereich 11, Department of Rural Engineering and Natural Resource Protection, Technical Reports in Rural Engineering and Resource Management No. 42, Witzenhausen, Germany.
109	Statistis ches Reichsa mt (1936)	Statistisches Reichsamt, 1936. Bodenbenutzungserhebung 1935. Verlag für Sozialpolitik, Wirtschaft und Statistik G.m.b.H., Berlin, Germany.
110	Statistis ches Reichsa mt (1930)	Statistisches Reichsamt, 1930. Die Ergebnisse der Bodenbenutzungserhebung im Jahre 1927. Verlag von Reimar Hobbing, Berlin, Germany.
111	Kaiserli ches Statistis ches Amt (1913)	Kaiserliches Statistisches Amt, 1913. Die deutsche Landwirtschaft. Verlag von Puttkammer & Mühlbrecht, Berlin, Germany, 279 pp.

112	Drechsel et al. (2006)	Drechsel, P., Graefe, S., Sonou, M., Cofie, O., 2006. Informal irrigation in urban West Africa: an overview. Research Report 102, International Water Management Institute (IWMI), Colombo, Sri Lanka, http://www.iwmi.cgiar.org/Publications/IWMI_Research_Reports/index.aspx , 19/08/2009.
113	FAO (2005)	FAO, 2005. AQUASTAT country profile Ghana, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/ghana/index.stm , 06/10/2010.
114	GIDA (2001)	Ghana Irrigation Development Authority (GIDA), 2001. General information on public irrigation projects in Ghana.
115	National Statistical Service of Greece (1998)	National Statistical Service of Greece, 1998. Results of the Agriculture and Livestock Census 1991. National Statistical Service of Greece, Athens, Greece, 1146 pp.
116	National Statistical Service of Greece (1978)	National Statistical Service of Greece, 1978. Results of the Agriculture and Livestock Census 1971. National Statistical Service of Greece, Athens, Greece, Volumes 1 and 2.
117	National Statistical Service of Greece (1965)	Office National de Statistique, 1965. Resultats du Recensement de L'Agriculture-Elevage 1961. Office National de Statistique, Athens, Greece, Volumes 1-10.
118	National Statistical Service of Greece (1958)	Office National de Statistique, 1958. Resultats du Recensement de L'Agriculture de la Grece Annee 1950. Office National de Statistique de la Grece, Athens, Greece, 84 pp.
119	National Statistical Service of Greece (1934)	Office National de Statistique, 1934. Recensement Agricole et d'Elevage de la Grece Annee 1929. Office National de Statistique de la Grece, Athens, Greece, Volumes 1-11.

120	NASS (2004)	National Agricultural Statistics Service (NASS), 2004. Guam. 2002 Census of Agriculture, Volume 1, Geographic Area Series, Part 53, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2002/index.asp , accessed 12/08/2009.
121	NASS (2009)	National Agricultural Statistics Service (NASS), 2009. Guam island data. 2007 Census of Agriculture, Volume 1, Geographic Area Series, Part 53, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2007/index.asp , accessed 01/02/2011.
122	FAO (2000)	FAO, 2000. AQUASTAT country profile of Guatemala. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/guatemala/indexesp.stm , 06/10/2010.
123	FAO (2005)	FAO, 2005. AQUASTAT country profile Guinea, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/guinea/indexfra.stm , 06/10/2010.
124	FAO (2000)	FAO, 2000. AQUASTAT country profile of Honduras. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/honduras/indexesp.stm , 06/10/2010.
125	Ligetvári et al. (2006)	Ligetvári, F., Cselotei, L., Kiss, K., Dimény, J., Szilárd, G., Takács-György, K., Kis, S., Helyes, L., Pekár, F., Bozán, C., 2006. Country report from Hungary. In: Dirksen, W. and Huppert, W. (ed.). Irrigation sector reform in Central and Eastern European countries. Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany, 161-250.
126	Ministry of Agriculture (2009a)	Ministry of Agriculture, 2009. Input Survey Database 2001-02. Government of India, Ministry of Agriculture, Agricultural Census Division, http://inputsurvey.dacnet.nic.in/ , 05/06/2012.
127	Ministry of Agriculture (2009b)	Ministry of Agriculture. 2009. Agricultural Census Database. Government of India, Ministry of Agriculture, Agricultural Census Division, http://agcensus.dacnet.nic.in/ , 05/06/2012.
128	Ministry of Water Resources (2005)	Ministry of Water Resources, 2005. 3rd census of minor irrigation schemes. Ministry of water Resources, New Delhi, India, http://mowr.gov.in/micensus/mi3census/index.htm , 05/06/2012.

129	CSO (1966-2005)	Central Statistical Organization (CSO) 1966-2005. Statistical Abstract of India. Central Statistical Organization, Cabinet Secretariat, Government of India. Published by the Manager of Publication, Delhi. Printed by the Government of India Press, New Delhi, India.
130	Schwartzberg (1992)	Schwartzberg, J. E., 1992. A historical atlas of South Asia. 2nd impression, with additional material. New York ; Oxford: Oxford University Press, UK, http://dsal.uchicago.edu/reference/schwartzberg/
131	CSO (1940-1945)	Central Statistical Organization (CSO) 1940-1945. Statistical Abstract relating to British India. Central Statistical Organization, Cabinet Secretariat, Government of India. Published by the Manager of Publication, Delhi. Printed by the Government of India Press, New Delhi, India.
132	Van Valkenburg (1933)	Van Valkenburg, S., 1933. Agricultural Regions of Asia. Part IV – India. Economic Geography, 9(2), pp.109–135.
133	H.M. Stationery Office (1922)	H.M. Stationery Office, 1922. 55th Statistical Abstract Relating to British India, His Majesty's Stationery Office.
134	H.M. Stationery Office (1915)	H.M. Stationery Office, 1915. 48th Statistical Abstract Relating to British India, His Majesty's Stationery Office.
135	H.M. Stationery Office (1905)	H.M. Stationery Office, 1905. 39th Statistical Abstract Relating to British India, His Majesty's Stationery Office.
136	Ministry of Public Works (2006)	Ministry of Public Works, 2006. Rekapitulasi Daerah Irigasi Tahun 2005. Ministry of Public Works of Indonesia, http://www.pu.go.id/publik/ind/produk/info_statistik/_index.asp , 19/08/2009.
137	FAO-CIDA-JALDA (1991)	FAO-CIDA-JALDA, 1991. International Action Programme on Water and Sustainable Agricultural Development, Draft Mission Report, Food and Agriculture Organization of the United Nations (FAO), Canadian International Development Agency (CIDA) and Japan Agricultural Land Development Agency (JALDA).
138	FAO (2012)	FAO, 2012. AQUASTAT country profile of Indonesia, version 2010. FAO, Rome, Italy, http://www.fao.org/nr/water/aquastat/countries_regions/IDN/index.stm , 05/11/2012.
139	Statistical Centre of Iran (2006)	Statistical Centre of Iran, 2006. Iran Statistical Yearbook 1385. Statistical Centre of Iran, Tehran, Iran, http://eamar.sci.org.ir/ , 19/08/2009.

140	Ministry of Jihad-e-Agriculture (2007-2012)	Ministry of Jihad-e-Agriculture, 2007-2012. Agricultural Statistics of Iran 1384-1388. http://www.maj.ir/portal/Home/Default.aspx?CategoryID=20ad5e49-c727-4bc9-9254-de648a5f4d52 , 30/11/2012.
141	Ministry of Jihad-e-Agriculture (2008)	Ministry of Jihad-e-Agriculture, 2008. Cultivation Database, Irrigated area of cultivated land in Iran by province and crop (has). http://www.maj.ir/english/Statistic/Default.asp?p=statistic , 09/01/2008.
142	Statistical Centre of Iran (1962-1983)	Statistical Centre of Iran, 1962-1983. Rural Agricultural Survey. Agricultural lands area (ha). Statistical Centre of Iran, Teheran, Iran
143	Zarei and Nasser (2007)	Zarei and Nasser, 2007. Historical, structural and environmental features of the qanat in Iran. In International History Seminar on Irrigation and Drainage. Teheran: IRNCID-ICID.
144	Baldock et al. (2000)	Baldock, D., Caraveli, H., Dwyer, J., Einschütz, S., Petersen, J.E., Sumpsi-Vinas, J. & Varela-Ortega, C., 2000. The environmental impacts of irrigation in the European Union. A report to the Environment Directorate of the European Commission, 147 pp., http://ec.europa.eu/environment/agriculture/ , 07/07/2006.
145	CBS (2003)	Central Bureau of Statistics (CBS), 2003. Statistical abstract of Israel 2002. http://www.cbs.gov.il , 19/09/2004.
146	Eichenauer (1993)	Eichenauer, H., 1993. Die Bewässerungsgebiete Israels. In: Popp, H. & Rother, K. eds. Die Bewässerungsgebiete im Mittelmeerraum, Passau, Germany, Passavia Universitätsverlag, 135-140.
147	Istituto Centrale di Statistica (1968)	ISTAT, 1968. 1° Censimento generale dell'Agricoltura, Volume VI, Dati Generali Riassuntivi, Tav. 42, Italy: Istituto Centrale di Statistica.
148	Statistics Bureau (2011)	Statistics Bureau, 2011. Japan statistical yearbook 2011. Ministry of Internal Affairs and Communications, Statistics Bureau, http://www.stat.go.jp/english/data/nenkan/index.htm , 04/02/2013.
149	MAFF (1994)	Ministry of Agriculture, Forestry and Fisheries (MAFF), 1994. Status of agricultural land use in Japan. Agricultural Structure Improvement Bureau (available in the AQUASTAT library).
150	Ministry of Internal Affairs Commu	Ministry of Internal Affairs Communications, 2010. Historical Statistics of Japan. Table 1-9 Private Land Area by Land Category (1880--2004), http://www.stat.go.jp/english/data/chouki/index.htm , 01/08/2013.

	nications (2010)	
151	MAFF (1901-1971)	Ministry of Agriculture, Forestry and Fisheries (MAFF), 1901-1971. Crop survey. Ministry of Agriculture, Forestry and Fisheries, figures at national level also reported in: http://www.stat.go.jp/data/chouki/zuhyou/07-14.xls .
152	Department of Statistics (2009a)	Department of Statistics, 2009a. Crop statistics: Irrigated and non-irrigated areas. Department of Statistics (DOS), Amman, Jordan, http://www.dos.gov.jo/owa-user/owa/FOCAL_AGR.agr_kk?LANG=E&dis=0,20/08/2009 .
153	Department of Statistics (2009b)	Department of Statistics, 2009b. Crop statistics: irrigated and non-irrigated areas under tree crops, field crops and vegetables in 2000. Department of Statistics (DOS), Amman, Jordan, http://www.dos.gov.jo/owa-user/owa/FOCAL_AGR.agr_kk?LANG=E&dis=0,20/08/2009 .
154	Agency of Statistics of the Republic of Kazakhstan (2010)	Agency of Statistics of the Republic of Kazakhstan, 2010. Environmental protection and sustainable development in Kazakhstan 2010. Agency of Statistics of the Republic of Kazakhstan, Astana, Kazakhstan, http://www.kaz.stat.kz/PUBLISHING/Pages/Statistical_collection.aspx , 15/02/2013.
155	Agency of Statistics of the Republic of Kazakhstan (2008)	Agency of Statistics of the Republic of Kazakhstan, 2008. Report of the National Agricultural Census 2006/2007. Volume 1, part 2, in Russian. Agency of Statistics of the Republic of Kazakhstan, Astana, Kazakhstan, http://www.eng.stat.kz/cx_perepis/sborniki/Pages/default.aspx , 15/02/2013.
156	Aus der Beek et al. (2011)	Aus der Beek, T., Voß, F., Flörke, M., 2011. Modelling the impact of Global Change on the hydrological system of the Aral Sea basin. Physics and Chemistry of the Earth, Parts A/B/C, 36(13), 684–695.
157	FAO (2006)	FAO, 2006. AQUASTAT country profile Kenya. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/kenya/index.stm , 06/10/2010.
158	Central Statistical Office (2009)	Central Statistical Office, 2009. Annual Statistical Abstract 2008. State of Kuwait, Central Statistical Office, 84-86.

159	Ministry of Planning, Statistics and Information Sector (2002)	Ministry of Planning, Statistics and Information Sector, 2002. Annual statistical abstract 2001, p. 102.
160	Department of Water Resources (2005)	Department of Water Resources, 2005. Melioration Sector's Summary Information of Water Resources Department on 01.09.2005. Report sent to FAO as part of the country questionnaire 2009.
161	FAO (2008)	FAO, 2008. Lao PDR. Agricultural Statistics 30 years (1976-2006). Regional data exchange systems (RDES) on Food and Agricultural Statistics in Asia and the Pacific. http://www.faoap-apcas.org/lao.html , 03/12/2008.
162	Ministry of Agriculture and FAO (2009)	Ministry of Agriculture and FAO, 2009. Atlas Agricole du Liban. Ministry of Agriculture and FAO, Beirut, Lebanon, http://www.agriculture.gov.lb/ATLAS_%20AGRICOLE/atlas.html , 21/08/2009.
163	FAO (2005)	FAO, 2005. AQUASTAT country profile Liberia, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/liberia/index.stm , 06/10/2010.
164	FAO (2006)	FAO, 2006. AQUASTAT country profile Libya, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/libya/index.stm , 06/10/2010.
165	Commune de Kiischpelt (2014)	Commune de Kiischpelt, 2014. Wiesenbewässerung im Kiischpelt. http://www.webwalking.lu/de/projects/wasser/fleizen , 12/05/2014.
166	Vukelic et al. (2006)	Vukelic, Z., Jankovic, J.T., Kondinski, I., 2006. Country report from Macedonia. In: Dirksen, W. and Huppert, W. (ed.). Irrigation sector reform in Central and Eastern European countries. Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany, 251-328.
167	World Bank (1997)	The World Bank, 1997. The Former Yugoslav Republic of Macedonia Irrigation Rehabilitation and Restructuring Project, Staff appraisal report, Agriculture and Regional Development Operations, Central and Southern Europe Departments, Europe and Central Asia Region, The World Bank.

168	FAO (2006)	FAO, 2006. AQUASTAT country profile Malawi, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/malawi/index.stm , 06/10/2010.
169	FAO (2013)	FAO, 2013. AQUASTAT country profile of Maldives, version 2011. FAO, Rome, Italy, http://www.fao.org/nr/water/aquastat/countries_regions/MDV/index.stm , 06/02/2013.
170	FAO (2005)	FAO, 2005. AQUASTAT country profile Mali, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/mali/indexfra.stm , 06/10/2010.
171	Harrison Church (1951)	Harrison Church, R.J., 1951. Irrigation in the Inland Niger Delta of the French Sudan. <i>The Geographical Journal</i> , 117(2), 218–220.
172	Central Statistics Office (2009)	Central Statistics Office, 2009. Digest of agricultural statistics 2009. http://www.gov.mu/portal/goc/cso/report/natacc/agri09/toc.htm , 06/10/2010.
173	Central Statistics Office (2002)	Central Statistics Office, 2002. Digest of agricultural statistics 2002.
174	CONAGUA (2008)	Comisión Nacional del Agua (CONAGUA), 2008. Estadísticas del Agua en México 2008. Comisión Nacional del Agua (CONAGUA), Coyoacán, DF, México, http://www.conagua.gob.mx/Default.aspx , 24/08/2009.
175	CONAGUA (2003)	Comisión Nacional del Agua (CONAGUA), 2003. Estadísticas del Agua en México 2003. Comisión Nacional del Agua (CONAGUA), Coyoacán, DF, México, http://www.conagua.gob.mx/Default.aspx , 24/08/2009.
176	INEGI (1997, 1994, 1984, 1983, 1981, 1980)	Instituto Nacional de Estadística y Geografía (INEGI), 1997, 1994, 1984, 1983, 1981, 1980. Anuario estadístico y geográfico (Por entidad federativa). Instituto Nacional de Estadística y Geografía (INEGI), http://www3.inegi.org.mx/sistemas/productos/ , 30/07/2010.
177	INEGI (1971, 1961, 1954, 1942, 1939)	Instituto Nacional de Estadística y Geografía (INEGI), 1971, 1961, 1954, 1942, 1939. Anuario estadístico y geográfico de los Estados Unidos Mexicanos. Instituto Nacional de Estadística y Geografía (INEGI), http://www3.inegi.org.mx/sistemas/productos/ , 30/07/2010.
178	FAO (2005)	FAO. 2005. AQUASTAT country profile Morocco, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/morocco/indexfra.stm , 06/10/2010.
179	Harabi (1983)	Harabi, M. N., 1983. Agricultural policy in Morocco (1956-1980) - An analysis from the perspective of development economics. MPRA Paper No. 5253, http://mpra.ub.uni-muenchen.de/5253/ , 17/06/2011.

180	DNHA (2003)	Direccão nacional de hidraulica agricola (DNHA). 2003. Sínteso do Levantamento nacional dos regadios 2001 e 2003. Ministry of Agriculture and Rural Development. Republic of Mozambique. Maputo.
181	FAO (2005)	FAO. 2005. AQUASTAT country profile Mozambique, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/mozambique/index.stm , 06/10/2010.
182	Terrabyte Services (2012)	Terrabyte Services, 2012. Landuse suitability and infrastructure assessment Gaza province Mozambique. http://www.terabyte.net.au/irrigation_case_study.pdf , 12/08/2012.
183	Ministry of Agriculture and Irrigation (2013)	Ministry of Agriculture and Irrigation, 2013. Irrigation & crop area. http://id.moi.gov.mm/website/croparea/areasandmultiplecropping.html , 06/03/2013.
184	FAO (2005)	FAO, 2005. AQUASTAT country profile Namibia, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/namibia/index.stm , 06/10/2010.
185	Central Bureau of Statistics (2013)	Central Bureau of Statistics, 2013. National Sample Census of Agriculture 2001/02 - District Level Contents. http://cbs.gov.np/?p=570 , 06/03/2013.
186	Central Bureau of Statistics (1993)	Central Bureau of Statistics, 1993. National Sample Census of Agriculture 1991/1992, Kathmandu, Nepal: His Majesty's Government, National Planning Commission Secretariat, Central Bureau of Statistic.
187	Statistics New Zealand (2009)	Statistics New Zealand, 2009. 2007 Agricultural Census tables. Statistics New Zealand, http://stats.govt.nz/browse_for_stats/industry_sectors/agriculture-horticulture-forestry/2007-agricultural-census-tables/land-treatments.aspx , 09/06/2009.
188	MAF (2001)	Ministry for Agriculture and Forestry (MAF), 2001. Future Water Allocation Issues. http://202.78.129.207/mafnet/rural-nz/sustainable-resource-use/water-efficiency/future-water-allocation-issues/htoc.htm , 24/08/2002.
189	Department of Statistics (1963)	Department of Statistics, 1963. Report on the Census of Agriculture of New Zealand for the Year 1959-1960, Wellington, New Zealand: Department of Statistics.
190	INIDE (2002)	Instituto Nacional de Información de Desarrollo (INIDE), 2002. III Censo Nacional Agropecuario. Instituto Nacional de Información de Desarrollo, http://www.inide.gob.ni/cenagro/introduccion.htm , 25/08/2009.

191	FAO (2005)	FAO, 2005. AQUASTAT country profile Niger, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/niger/indexfra.stm , 06/10/2010.
192	Enplan Group (2004)	Enplan Group, 2004. Review of the Public Irrigation Sector in Nigeria. Draft Final Report of Project UTF/046/NIR/UTF.
193	Metz (1991)	Metz, H. C. (ed.), 1991. Nigeria: A Country Study. Washington: GPO for the Library of Congress, http://countrystudies.us/nigeria/ , 17/05/2014.
194	Michelsen (1987)	Michelsen, P., 1987. Irrigation in Norway and elsewhere in northern Europe. Tools & Tillage 4, 243-259.
195	Hatt (1915)	Hatt, G., 1915. Agervandingen i Gudbrandsdalen. Geografisk Tidsskrift 23, 148-158.
196	Ministry of Agriculture and Fisheries (2005)	Ministry of Agriculture and Fisheries, 2005. Agricultural census 2004. http://omanagriculture.net/Pages/PageCreator.aspx?lang=AR&I=0&DIId=0&CIId=0&CMSId=800645 , 20/01/2013.
197	PCBS (2003-2008)	Palestinian Central Bureau of Statistics (PCBS), 2003-2008. Agricultural Statistics 2002/2003 – 2007/2008. http://www.pcbs.gov.ps/pcbs_2012/Publications.aspx , 04/12/2012.
198	Ministry of Food, Agriculture & Livestock (2003-2011)	Ministry of Food, Agriculture & Livestock, 2003-2011. Agricultural statistics of Pakistan, Table 64: Area irrigated by different sources.
199	FAO (2000)	FAO, 2000. AQUASTAT country profile of Panama, version 2000. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/panama/indexesp.stm , 06/10/2010.
200	INEI (2009)	Instituto Nacional de Estadística e Informática (INEI), 2009. III Censo Nacional Agropecuario 1994. Instituto Nacional de Estadística e Informática, Lima, Peru, http://www1.inei.gob.pe/BancoCuadros/bancocuadro.asp?p=3 , 25/08/2009.
201	Ellis et al. (2010)	Ellis, E.C., Klein Goldewijk, K., Siebert, S., Lightman, D., Ramankutty, N., 2010. Anthropogenic transformation of the biomes, 1700 to 2000. Global Ecology and Biogeography 19, 589-606.
202	FAO (2013)	FAO, 2013. AQUASTAT country profile of the Philippines, version 2011. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/PHL/index.stm , 06/02/2013.

203	National Irrigation Administration (1990)	National Irrigation Administration, 1990. A Comprehensive History of Irrigation in the Philippines. National Irrigation Administration (Publisher), 1990, Quezon City, Metro Manila, Philippines.
204	Mioduszecki et al. (2006)	Mioduszecki, W., Labedzki, L., Kuzniar, A., Lipinski, J., 2006. Polish report. In: Dirksen, W. and Huppert, W. (ed.). Irrigation sector reform in Central and Eastern European countries. Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany, 329-383.
205	INE (1982-1983)	Instituto Nacional de Estatística (INE), 1982-1983. Recenseamento Agrícola 1979. http://inenetw02.ine.pt:8080/biblioteca/search.do , 25/04/2007.
206	INE (1971-1972)	Instituto Nacional de Estatística (INE), 1971-1972. Recenseamento Geral da Agricultura 1968. http://inenetw02.ine.pt:8080/biblioteca/search.do , 25/04/2007.
207	Lautensach (1932)	Lautensach, H., 1932. Zur Geographie der künstlichen Bewässerung auf der Iberischen Halbinsel. Geographischer Anzeiger 33(11)
208	NASS (2009)	National Agricultural Statistics Service (NASS). 2009. Puerto Rico island and municipio data. 2007 Census of Agriculture, Volume 1, Geographic Area Series, Part 52, National Agricultural Statistics Service, US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2007/index.asp , 01/02/2011.
209	NASS (2005)	National Agricultural Statistics Service (NASS). 2005. Puerto Rico. 2002 Census of Agriculture, Volume 1, Geographic Area Series, Part 52, National Agricultural Statistics Service, US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2002/index.asp , 12/08/2009.
210	Kenny et al. (2009)	Kenny, J.F., Barber, N.L., Hutson, S.S., Linsey, K.S., Lovelace, J.K., Maupin, M.A. 2009. Estimated use of water in the United States in 2005: U.S. Geological Survey Circular 1344, United States Geological Survey (USGS), http://water.usgs.gov/watuse/data/2005/index.html , 01/02/2011.
211	Hutson et al. (2005)	Hutson, S.S., Barber, N.L., Kenny, J.F., Linsey, K.S., Lumia, D.S., Maupin, M.A. 2005. Estimated use of water in the United States in 2000: U.S. Geological Survey Circular 1268, United States Geological Survey (USGS), http://water.usgs.gov/watuse/data/2000/index.html , 12/08/2009.

212	NASS (2000)	National Agricultural Statistics Service (NASS). 2000. Puerto Rico. 1997 Census of Agriculture, Volume 1, Geographic Area Series, National Agricultural Statistics Service, US Department of Agriculture, http://www.agcensus.usda.gov/Publications/1997/Puerto_Rico/ , 16/05/2013.
213	Solley et al. (1998)	Solley, W. B., Pierce, R. R., Perlman, H. A., 1998. Estimated use of water in the United States in 1995: U.S. Geological Survey Circular 1200, United States Geological Survey (USGS), http://water.usgs.gov/watuse/spread95.html , 12/08/2009.
214	NASS (1994)	National Agricultural Statistics Service (NASS). 1994. Puerto Rico. 1992 Census of Agriculture, Volume 1, Geographic Area Series, Part 52, National Agricultural Statistics Service, US Department of Agriculture, http://www.agcensus.usda.gov/Publications/1992/outlying/pr-52.pdf , 12/08/2009.
215	Solley et al. (1993)	Solley, W. B., Pierce, R. R., Perlman, H. A., 1993. Estimated use of water in the United States in 1990: U.S. Geological Survey Circular 1081, United States Geological Survey (USGS), http://water.usgs.gov/watuse/wudownload.html , 12/08/2009.
216	NASS (1989)	National Agricultural Statistics Service (NASS). 1989. Puerto Rico. 1987 Census of Agriculture, Volume 1, Geographic Area Series, Part 52, National Agricultural Statistics Service, US Department of Agriculture, http://usda.mannlib.cornell.edu/usda/AgCensusImages/1987/01/52/1987-01-52.pdf , 12/08/2009.
217	Solley et al. (1988)	Solley, W. B., Merk, C. F., Pierce, R. R., 1988. Estimated use of water in the United States in 1985: U.S. Geological Survey Circular 1004, United States Geological Survey (USGS), http://water.usgs.gov/watuse/wudownload.html , 12/08/2009.
218	Lamm and Brown (2003)	Lamm, F. and Brown, V., 2003. Irrigated land area in US for 1970 through 2000 by system type. Data compiled by Freddie Lamm and Vicki Brown, Kansas State University, flamm@ksu.edu , Fall 2003 from annual surveys conducted by Irrigation Journal. http://www.ksre.ksu.edu/irrigate/News/ILandarea.htm , 27/04/2007.
219	MacKichan and Kammerer (1961)	MacKichan, K. A. and Kammerer, J. C., 1961. Estimated use of water in the United States in 1960: U.S. Geological Survey Circular 456, United States Geological Survey (USGS), http://pubs.er.usgs.gov/publication/cir456 , 12/08/2009.
220	FAO (2013)	FAO, 2013. AQUASTAT country profile of Qatar, version 2008. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/QAT/index.stm , 20/01/2013.

221	Nicolaescu et al. (2006)	Nicolaescu, I., Buhociu, L., Condruz, R., Suciu, G.-I., Paraschiv, D., Boeru, M., 2006. Country report from Romania. In: Dirksen, W. and Huppert, W. (ed.). Irrigation sector reform in Central and Eastern European countries. Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany, 385-462.
222	DCS (1976-1986)	Direcția Centrală de Statistică (DCS), 1976-1986. Anuarul statistic al Republicii Socialiste România. Direcția Centrală de Statistică, Bucuresti, Romania.
223	CNPS (1990-1991)	Comisia Națională Pentru Statistică (CNPS), 1990-1991. Anuarul statistic al României. Comisia Națională Pentru Statistică, Bucuresti, Romania.
224	Federal State Statistics Service (2008)	Federal State Statistics Service, 2008. Results of all-Russia agricultural census 2006. Vol. III: Soil resources. Federal State Statistics Service, Moscow, Russia, 311 pp. (in Russian). https://rosstat.gov.ru/storage/mediabank/tab1_t3.pdf
225	Stolbovoi and McCallum (2002)	Stolbovoi, V. and McCallum, I. (eds.), 2002. Land resources of Russia, CD-ROM, Laxenburg, Austria: International Institute for Applied Systems Analysis and the Russian Academy of Science.
226	FAO (2005)	FAO, 2005. AQUASTAT country profile Rwanda. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/rwanda/indexfra.stm , 06/10/2010.
227	FAO (2000)	FAO, 2000. AQUASTAT country profile of Saint Kitts and Nevis, version 2000. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/st_kitts_nev/index.stm , 06/10/2010.
228	Ministry of Agriculture Lands, Forestry and Fisheries (2007)	Ministry of Agriculture Lands, Forestry and Fisheries, 2007. 2007 St. Lucia Census of Agriculture – Final report. Ministry of Agriculture Lands Forestry and Fisheries, Corporate Planning Unit, http://malff.com/images/stories/Census%20Data/Final%20Report.pdf , 12/03/2012.
229	FAO (2005)	FAO, 2005. AQUASTAT country profile Sao Tome and Principe. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/sao_tome_prn/indexfra.stm , 06/10/2010.

230	Central Department of Statistics and Information (2002-2008)	Central Department of Statistics and Information, 2002-2008. Statistical yearbook. Editions 38-44. Central Department of Statistics and Information, Ministry of Economy and Planning, Kingdom of Saudi Arabia, http://www.cdsi.gov.sa/english/index.php?option=com_content&view=article&id=84&Itemid=172 , 20/01/2013.
231	Dabbagh and Abderrahman (1997)	Dabbagh, A.E. and Abderrahman, W.A., 1997. Management of groundwater resources under various irrigation water use scenarios in Saudi Arabia. Arab. J. Sci. Eng., 22.
232	FAO (2005)	FAO, 2005. AQUASTAT country profile Senegal, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/senegal/indexfra.stm , 06/10/2010.
233	SOK (2005)	Statistical Office of Kosovo (SOK), 2005. Agricultural Household Survey 2005. Statistical Office of Kosovo (SOK), Ministry of Public Works, Government of Kosovo, http://www.esiweb.org/pdf/kosovo_Agricultural%20Household%20Survey%2005.pdf , 13/02/2014.
234	Statistical Office of the Republic of Serbia (2008)	Statistical Office of the Republic of Serbia, 2008. Statistical yearbook of Serbia 2008. Statistical Office of the Republic of Serbia, http://pod2.stat.gov.rs/ObjavljenePublikacije/G2008/pdf/G20082003.pdf , 13/02/2014.
235	MONSTAT (2011)	Montenegro Statistical Office (MONSTAT), 2011. Agricultural Census 2010 - Structure of agricultural holdings - Utilised land. Montenegro Statistical Office (MONSTAT), http://www.monstat.org/userfiles/file/popis%20poljoprivrede/DRUGA%20KNJIGA-POPIS%20POLJ.,%2004.jul.2011..pdf , 13/02/2014.
236	SOK (2001)	Statistical Office of Kosovo (SOK), 2001. Statistics on Agriculture in Kosovo. Statistical Office of Kosovo (SOK), Food and Agricultural Organization (FAO), and Ministry of Agriculture, Forestry and Rural Development (MAFRD), http://ask.rks-gov.net/ENG/publikimet/doc_download/538-sok-fao-and-mafrd-2002-statistics-on-agriculture-in-kosovo-2001 , 13/02/2014.
237	Statistical Office of the Republic of Serbia (2005)	Statistical Office of the Republic of Serbia, 2005. Statistical yearbook of Serbia 2005. Statistical Office of the Republic of Serbia, http://pod2.stat.gov.rs/ObjavljenePublikacije/G2005/pdf/G20052001.pdf , 13/02/2014.

238	World Bank (2005)	World Bank, 2005. Serbia irrigation and drainage rehabilitation project. Project appraisal document. Report No: 32379-YF, http://www-wds.worldbank.org/ , 02/07/2006.
239	World Bank (2003)	World Bank, 2003. Water resources management in South Eastern Europe. Vol. II – Country water notes and water fact sheets. Washington, United States, http://www-wds.worldbank.org/ , 07/07/2006.
240	FAO (2005)	FAO, 2005. AQUASTAT country profile Seychelles. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/seychelles/index.stm , 06/10/2010.
241	FAO (2005)	FAO, 2005. AQUASTAT country profile Sierra Leone. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/sierra_leone/index.stm , 06/10/2010.
242	Statistical Office of the Slovak Republic (2002)	Statistical Office of the Slovak Republic, 2002. Farm structure census 2001. http://www.statistics.sk/webdata/english/index2_a.htm , 06/08/2006.
243	Maticic and Steinman (2006)	Maticic, B. and Steinman, F., 2006. Country report from Slovenia. In: Dirksen, W. and Huppert, W. (eds.). Irrigation sector reform in Central and Eastern European countries. Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany, 525-606.
244	World Bank (1997)	World Bank, 1997. Slovenia Irrigation Project, Water Resources and Irrigation in Slovenia, Working Paper 3
245	FAO (2005)	FAO, 2005. AQUASTAT country profile Somalia. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/somalia/index.stm , 06/10/2010.
246	FAO (2005)	FAO, 2005. AQUASTAT country profile South Africa. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/south_africa/index.stm , 06/10/2010.
247	Thompson (1999)	Thompson, M.W. 1999. South African national land cover database project. CSIR. Data set on CD-ROM, available at: http://www.sac.co.za
248	Daryll Forde (1925)	Daryll Forde, C., 1925. Irrigation in South Africa. The Geographical Journal 65(4), 342–349.
249	MIFAFF (2010)	Ministry for Food, Agriculture, Forestry and Fisheries (MIFAFF), 2010. Food, Agriculture, Forestry and Fisheries Statistical Yearbook 2010. http://www.mifaff.go.kr , 14/03/2011.

250	INE (1995)	Instituto Nacional de Estadística (INE), 1995. Anuario Estadístico 1994, Parte segunda - Detalle provincial, Censo Agrario 1989, Aprovechamiento de las tierras labradas de regadio. Instituto Nacional de Estadística (INE), http://www.ine.es/inebaseweb/treeNavigation.do?tn=154071 , 18/05/2014.
251	INE (1989)	Instituto Nacional de Estadística (INE), 1989. Anuario Estadístico de España 1988, Parte segunda - Detalle provincial, Censo Agrario 1982, Aprovechamiento de las tierras labradas de regadio. Instituto Nacional de Estadística (INE), http://www.ine.es/inebaseweb/treeNavigation.do?tn=133343 , 18/05/2014.
252	INE (1975)	Instituto Nacional de Estadística (INE), 1975. Anuario Estadístico de España 1974, Parte segunda - Detalle provincial, Censo Agrario 1972, Aprovechamiento de la tierra labrada en secano y en regadío. Instituto Nacional de Estadística (INE), http://www.ine.es/inebaseweb/treeNavigation.do?tn=185182 , 18/05/2014.
253	INE (1975)	Instituto Nacional de Estadística (INE), 1975. Anuario Estadístico de España 1974, Parte segunda - Detalle provincial, Censo Agrario 1972, Aprovechamiento de la tierra no labrada en secano y en regadío. Instituto Nacional de Estadística (INE), http://www.ine.es/inebaseweb/treeNavigation.do?tn=185182 , 18/05/2014.
254	INE (1966)	Instituto Nacional de Estadística (INE), 1966. Primer Censo Agrario de España 1962. Instituto Nacional de Estadística (INE), http://www.ine.es/inebaseweb/treeNavigation.do?tn=194576 , 18/05/2014.
255	Houston (1950)	Houston, J.M., 1950. Irrigation as a Solution to Agrarian Problems in Modern Spain. <i>The Geographical Journal</i> 116, 55–63.
256	INE (1888)	Instituto Nacional de Estadística (INE), 1888. Reseña geográfica y estadística de España, Superficies productivas y no productivas de varias provincias, según la Dirección general de Contribuciones. Instituto Nacional de Estadística (INE), http://www.ine.es/inebaseweb/treeNavigation.do?tn=192688 , 18/05/2014.
257	Department of Census and Statistics (2013)	Department of Census and Statistics, 2013. District Statistical Handbook 2011. Department of Census and Statistics, http://www.statistics.gov.lk/DistrictStatHBook.asp , 06/03/2013.

258	Jayewardene et al. (1991)	Jayewardene, J., Jayasinghe, A., Dayaratne, P.W.C., 1991. Promoting crop diversification in rice-based irrigation systems. In S.M. Miranda & A.R. Maglinao, eds. Second progress review and coordination workshop of the Research Network on Irrigation Management for Crop Diversification in Rice-Based Systems (IMCD) held in Yogyakarta, Indonesia from 09 to 12 September 1991.
259	Barbour (1959)	Barbour, K.M., 1959. Irrigation in the Sudan: Its Growth, Distribution and Potential Extension. Transactions and Papers (Institute of British Geographers) 26, 243–264.
260	FAO (2000)	FAO, 2000. AQUASTAT country profile of Suriname, version 2000. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/suriname/index.stm , 06/10/2010.
261	FAO (2005)	FAO, 2005. AQUASTAT country profile Swaziland, FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/swaziland/index.stm , 06/10/2010.
262	Riddell and Manyatsi (2003)	Riddell, P. J. and Manyatsi, A. M, 2003. Water use challenges and opportunities in the Swaziland agricultural sector. FAO / Government of Swaziland, TCP/SWA/2801(A).
263	Weber and Schild (2007)	Weber, M. and Schild, A., 2007. Stand der Bewässerung in der Schweiz, Bericht zur Umfrage 2006, Switzerland: Bundesamt für Landwirtschaft BLW.
264	Reynard (1995)	Reynard E. 1995. L'irrigation par les bisses en Valais. Approche géographique, Actes du Colloque international sur les bisses, Sion, 15-18 septembre 1994, Annales Valaisannes, 70, 47-64.
265	AOAD (2003)	Arab Organization for Agricultural Development (AOAD), 2003. Arab Agricultural Statistics Yearbook 2002. Arab Organization for Agricultural Development (AOAD), Agricultural Information, Documentation and Statistics Center, http://www.aoad.org/AASY22/htms/chap02/tab16.htm , 19/07/2004.
266	FAO (1992)	FAO, 1992. Improved Management of Water Resources For Agricultural Use, Syria, Phase II. Consultant Report, Food and Agriculture Organization of the United Nations (FAO).
267	Hopfinger (1993)	Hopfinger, H., 1993. Die syrische Bewässerungslandwirtschaft zwischen Staatseinfluß und freier Entfaltung privatwirtschaftlicher Tätigkeit. In: Popp, H. & Rother, K. eds. Die Bewässerungsgebiete im Mittelmeerraum, Passau, Germany, Passavia Universitätsverlag, 127-134.

268	Directorate-General of Budget, Accounting and Statistics (2007)	Directorate-General of Budget, Accounting and Statistics, 2007. Agriculture, forestry, fishery and husbandry census 2005 – statistical tables. Directorate General of Budget, Accounting and Statistics, Statistical Bureau, Taipei City, Taiwan, http://eng.stat.gov.tw/ct.asp?xItem=18685&ctNode=1634 , 28/08/2009.
269	Directorate-General of Budget, Accounting and Statistics (1997)	Directorate-General of Budget, Accounting and Statistics. 1997. 1995 Agricultural, forestry, fishery and husbandry survey, Table 16. General Report. Taipei, Taiwan Province of China, http://www.dgbas.gov.tw , 28/09/2004.
270	Agency on Land, Geodesy and Cartography (2008)	Agency on Land, Geodesy and Cartography under Government of the Republic of Tajikistan, 2008. Annual land use report in Republic of Tajikistan.
271	MAFS and JICA (2002)	Ministry of Agriculture and Food Security (MAFS) and Japan International Cooperation Agency (JICA), 2002. The Study on the National Irrigation Master Plan in the United Republic of Tanzania. Prepared by Nippon Koei CO. Ltd. and Nippon Giken Inc.
272	National Bureau of Statistics (2007)	National Bureau of Statistics, 2007. National sample census of agriculture 2002 / 2003. Volume V, Regional reports. National Bureau of Statistics, Ministry of Agriculture and Food Security, Ministry of Water and Livestock Development, Ministry of Cooperatives and Marketing, Presidents Office, Regional Administration and Local Government, Ministry of Finance and Economic Affairs – Zanzibar, Dar es Salaam, Tanzania, http://www.kilimo.go.tz/statistics/statistics.php , 28/08/2009.
273	National Bureau of Statistics (2006)	National Bureau of Statistics, 2006. National sample census of agriculture 2002 / 2003. Large Scale Farm Report. National Bureau of Statistics, Ministry of Agriculture and Food Security, Ministry of Water and Livestock Development, Ministry of Cooperatives and Marketing, Presidents Office, Regional Administration and Local Government, Ministry of Finance and Economic Affairs – Zanzibar, Dar es Salaam, Tanzania, http://www.kilimo.go.tz/statistics/statistics.php , 28/08/2009.
274	Sheridan (2002)	Sheridan, M.J., 2002. An irrigation intake is like a uterus: culture and agriculture in precolonial North Pare, Tanzania. <i>American Anthropologist</i> 104(1), 79–92.

275	Bauman n (1891)	Baumann, O., 1891. Usambara und seine Nachbargebiete. Dietrich Reimer, Berlin, Germany, 375 pp.
276	FAO (2012)	FAO, 2012. AQUASTAT country profile of Thailand, version 2010. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/thailand/index.stm , 02/04/2012.
277	Ministry of Agricul ture and Co- operativ es (1993)	Ministry of Agriculture and Co-operatives, 1993. Agricultural Statistics of Thailand, crop year 1992/1993, Bangkok, Thailand: Ministry of Agriculture and Co-operatives, Office of Agricultural Economics, Center of Agricultural Statistics.
278	FAO (2000)	FAO, 2000. AQUASTAT country profile of Trinidad and Tobago, version 2000. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/trinidad_tob/index.stm , 06/10/2010.
279	DGPDI A - S/D STAT (2000)	DGPDI A - S/D STAT, 2000. Résultats de l'enquête sur les périmètres irrigués en intensif. Ministère de l'Agriculture, de l'Environnement et des Ressources en Eau.
280	Govern ment of Tunisia (2008)	Government of Tunisia, 2008. Rapport d'investissement par pays Tunisie. High-level conference on water for agriculture and energy in Africa: the challenges of climate change, Sirte, Libyan Arab Jamahiriya, December 15-17, 2008, http://www.sirtewaterandenergy.org/ , 18/08/2009.
281	DIE (2012)	State Institute of Statistics (DIE), 2012. Agricultural Census 2001. General Agricultural Census Village Information Survey Results, Table: Land use, http://www.turkstat.gov.tr/PreIstatistikTablo.do?istab_id=286 , 07/12/2012.
282	FAO (1997)	FAO, 1997. Irrigation in the Near east region in figures. Water Report 9, Food and Agriculture Organization of the United Nations. Rome, Italy.
283	DIE (1992)	State Institute of Statistics (DIE), 1992. 1991 Census of agriculture. Result of village survey. Devlet Istatistik Enstitüsü (State Institute of Statistics DIE), Ankara, Turkey.
284	Central Statistic al Office (1956)	Central Statistical Office, 1956. 1950 Agricultural Census Results. Central Statistics Office, Publication No. 371, Ankara, Turkey, 183 pp.
285	Ministry of Water Econom y (2007)	Ministry of Water Economy, 2007. Programme for development of agriculture for the period up to year 2030. Report of a joint inter-sectoral working group, in Turkmen.
286	FAO (2006)	FAO, 2006. AQUASTAT country profile Uganda. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/uganda/index.stm , 06/10/2010.

287	Nadtochy and Myslyva (2007)	Nadtochy, P. and Myslyva, T. (eds) 2007. Conservation of Natural Resources and Land Recultivation. Zhytomyr - Publishing house "The State Agroecological University". 420 pp.
288	FAO (2013)	FAO, 2013. AQUASTAT country profile of the United Arab Emirates, version 2008. FAO, Rome, Italy, http://www.fao.org/nr/water/aquastat/countries_regions/ARE/index.stm , 20/01/2013.
289	Ministry of Planning (2003)	Ministry of Planning, 2003. Statistical abstract 2001. Ministry of Planning, http://www.uaestatistics.gov.ae/PublicationEN/tabid/187/Default.aspx?MenuId=2 , 12/02/2014.
290	MAF (2004)	Ministry of Agriculture and Fisheries (MAF), 2004. MAF statistics. http://uae.gov.ae , 19/07/2004.
291	PBL (2013)	Netherlands Environmental Assessment Agency (PBL), 2013. History Database of the Global Environment (HYDE), version 3.1. Netherlands Environmental Assessment Agency (PBL), http://themasites.pbl.nl/tridion/en/themasites/hyde/ , 12/07/2013.
292	Brown (2003)	Brown, G., 2003. Irrigation of water meadows in England. In: Klapste, J. (ed.), Water management in medieval rural economy. Proceedings of Ruralia V, September 27 - October 3, Lyon, France, 84-92.
293	Adkin (1933)	Adkin, W.B., 1933. Land drainage in Britain. Estates Gazette, London.
294	NASS (2009)	NASS, 2009. County level data. 2007 Census of Agriculture, Volume 1, Chapter 2, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2007/Full_Report/Volume_1,_Chapter_2_County_Level/index.asp , 01/02/2011.
295	NASS (2005)	NASS, 2005. County level data. 2002 Census of Agriculture, Volume 1, Chapter 2, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2002/Volume_1,_Chapter_2_County_Level/index.asp , 12/08/2009.
296	NASS (2000)	NASS, 2000. County level data. 1997 Census of Agriculture, Volume 1, Chapter 2, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/1997/Volume_1,_Chapter_2_County_Level/index.asp , 12/08/2009.
297	NASS (1994)	NASS, 1994. County level data. 1992 Census of Agriculture, Volume 1, Chapter 2, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/1992/Volume_1,_Chapter_2_County_Level/index.asp , 12/08/2009.

298	NASS (1989)	NASS, 1989. 1987 Census Publications, Volume 1: Geographic Area Series. National Agricultural Statistics Service (NASS), US Department of Agriculture, http://agcensus.mannlib.cornell.edu/AgCensus/censusParts.do?year=1987 , 12/08/2009.
299	US Bureau of the Census (1961)	U.S. Bureau of the Census, 1961. Statistical Abstract of the United States, Washington, D.C.: U.S. Bureau of the Census.
300	United States Depart ment of Commer ce (1942)	United States Department of Commerce, 1942. Sixteenth census of the United States: 1940: Irrigation of Agricultural Lands, Washington, D.C.: United States Department of Commerce, Bureau of the Census.
301	United States Depart ment of Commer ce (1932)	United States Department of Commerce, 1932. Fifteenth census of the United States: 1930: Irrigation of Agricultural Lands, Washington, D.C.: United States Department of Commerce, Bureau of the Census.
302	United States Depart ment of Commer ce (1922)	United States Department of Commerce, 1922. Fourteenth census of the United States: 1920: Irrigation of Agricultural Lands, Washington, D.C.: United States Department of Commerce, Bureau of the Census.
303	Minister io de Ganader ía, Agricult ura y Pesca (2001)	Ministerio de Ganadería, Agricultura y Pesca, 2001. Censo Agropecuario 2000. Resultados definitivos, Vol. II. Montevideo, Uruguay, http://www.mgap.gub.uy/portal/hgxpp001.aspx?7,5,82,O,S,0 , 10/03/2012.
304	NASS (2009)	National Agricultural Statistics Service (NASS), 2009. Virgin Islands of the United States territory and island data. 2007 Census of Agriculture, Volume 1, Geographic Area Series, Part 54, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2007/index.asp , 01/02/2011.

305	NASS (2005)	National Agricultural Statistics Service (NASS), 2005. Virgin Islands of the United States. 2002 Census of Agriculture, Volume 1, Geographic Area Series, Part 54, National Agricultural Statistics Service (NASS), US Department of Agriculture, http://www.agcensus.usda.gov/Publications/2002/index.asp , 12/08/2009.
306	FAO (2013)	FAO, 2013. AQUASTAT country profile of Uzbekistan, version 2012. FAO, Rome, Italy, http://www.fao.org/nr/water/aquastat/countries_regions/UZB/index.stm , 20/01/2013.
307	Ministerio del Poder Popular para la Agricultura y Tierras (2010)	Ministerio del Poder Popular para la Agricultura y Tierras, 2010. VII Censo Agrícola Nacional. Ministerio del Poder Popular para la Agricultura y Tierras, http://200.47.151.243/ , 18/03/2012.
308	FAO (2012)	FAO, 2012. AQUASTAT country profile of Viet Nam, version 2010. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/viet_nam/index.stm , 02/04/2012.
309	Central Statistics Office (2006-2010)	Central Statistics Office, 2006-2010. Statistical yearbook, volumes 2005-2009, section agriculture. http://cso-yemen.org/content.php?lng=english&cid=131 , 20/01/2013.
310	Ministry of Agriculture and Cooperatives (2002)	Ministry of Agriculture and Cooperatives, 2002. Strategic Plan for Irrigation Development 2002 - 2006. Draft strategy paper. 33 pp.
311	FAO (2005)	FAO, 2005. AQUASTAT country profile Zimbabwe. FAO, Rome, http://www.fao.org/nr/water/aquastat/countries_regions/zimbabwe/index.stm , 06/10/2010.
312	European Commission (2021)	European Commission, 2021. EUROSTAT—Statistical office of the European Union. Luxembourg: European Commission. https://ec.europa.eu/eurostat/web/agriculture/data/database , 01/04/2021.
313	Office National des Statistiques	Office National des Statistiques, 2017. La Production Agricole, Office National des Statistiques. https://www.ons.dz/IMG/pdf/agriculture_2017.pdf ; https://www.ons.dz/IMG/pdf/12_-_agriculture.pdf

	ues (2017)	
314	Ministerio de Agricultura, Ganadería y Pesca de Argentina, 2015. Page 14. Cuadro N°16. Superficies bajo riego por provincias (1000 ha). http://www.prosap.gob.ar/docs/PotencialRiegoArgentina.pdf	
316	Ministry of Economy of the Republic of Azerbaijan, State Statistical Committee of the Republic of Azerbaijan, 2021. (received data via email)	
317	BADC (2015) Bangladesh Agricultural Development Corporation (BADC), 2015. Minor Irrigation Survey Report 2015-16. BADC, Ministry of Agriculture (MoA), Govt. Bangladesh. http://www.badc.gov.bd/site/page/b8eabf7e-2e23-41f0-900d-fa47508ad054/	
318	BADC (2017) Bangladesh Agricultural Development Corporation (BADC), 2015. Minor Irrigation Survey Report 2017-18. BADC, Ministry of Agriculture (MoA), Govt. Bangladesh. https://badc.portal.gov.bd/sites/default/files/files/badc.portal.gov.bd/page/c23bdffd_22fd_4f15_8fc4_b1fc7a91a36a/d5a84d165253f9e02d6190b5d28b1340.pdf	
319	National statistical committee of the Republic of Belarus, 2013. Environmental Protection in the Republic of Belarus – Statistical book, Minsk: National statistical committee of the Republic of Belarus. https://www.belstat.gov.by/en/ofitsialnaya-statistika/real-sector-of-the-economy/selskoe-hozyaistvo/agriculture/publications/index_5333/	
320	National statistical committee of the Republic of Belarus, 2020. Environmental Protection in the Republic of Belarus – Statistical book, Minsk: National statistical committee of the Republic of Belarus. https://www.belstat.gov.by/upload/iblock/f02/f02bd3e6749df60522dc85491b86fb25.pdf	
321	NSB (2016) National Statistics Bureau (NSB), 2016. Statistical Yearbook of Bhutan 2016. NSB, Royal Government of Bhutan, Thimphu, https://www.nsb.gov.bt/publications/statistical-yearbook/	

322	INE (2015)	Agricultural Survey, 2015, Instituto Nacional de Estadística (INE), Ministerio De Planificación Del Desarrollo. https://www.ine.gob.bo/index.php/censos-y-banco-de-datos/censos/bases-de-datos-de-encuestas-agropecuarias/
323	IBGE (2017)	Instituto Brasileiro de Geografia e Estatística (IBGE), 2017. Censo Agropecuario 2017. Online publication, https://sidra.ibge.gov.br/pesquisa/censo-agropecuario/censo-agropecuario-2017 , 31/03/2021.
324	Statistics Canada (2016)	Statistics Canada, 2011. Table 32-10-0413-01 Irrigation, Census of Agriculture, 2011 and 2016, https://doi.org/10.25318/3210041301-eng .
325	INECN A (2003)	República de Guatemala, Instituto Nacional de Estadística IV Censo Nacional Agropecuario, Número de fincas censales que aplican riego y superficie regada, por sistema de riego utilizado, según departamento y municipio. Año agrícola 2002 / 2003. https://www.ine.gob.gt/sistema/uploads/2014/01/16/08ukgdXvK57c7E7MbAeZ4e4YiFbBeBSl.pdf
326	DGRD (2009)	La Dirección General de Riego y Drenaje (DGRD), 2009. https://dgrd.sag.gob.hn/documentos/
327	Statistical Centre of Iran (2015)	Statistical Centre of Iran, 2015. Iran Statistical Yearbook 1393. Statistical Centre of Iran, Tehran, Iran, https://www.amar.org.ir/Portals/1/yearbook/1393/Statistical_Yearbook_Iran_2015_05.pdf , 04/02/2021
328	Department of Statistics (2017)	Agriculture Census 2017, Crop statistics: Number and Area of Agricultural Holdings by Source of Irrigation and Governorate, 2017. Department of Statistics (DOS), Amman, Jordan, http://www.dos.gov.jo/dos_home_e/main/agriculture/census/tables1/tab4_1.pdf
329	Agency of Statistics of the Republic of Kazakhstan (2015)	Agency of Statistics of the Republic of Kazakhstan, 2015. Environmental protection and sustainable development in Kazakhstan 2015. Agency of Statistics of the Republic of Kazakhstan, Astana, Kazakhstan, https://stat.gov.kz/official/industry/14/statistic/7 , 15/05/2021.
330	JICA (2013)	Project on the Development of the National Water master Plan 2030, 2013, Japan International Cooperation Agency, Ministry Of Environment, Water And Natural Resources, Water Resources Management Authority, The Republic Of Kenya.

331	Ministry of Agriculture (2010)	Agriculture Census 2010, Ministry of Agriculture, Beirut, Lebanon, http://www.agriculture.gov.lb/Statistics-and-Studies/Comprehensive-Agricultural-Statistics/statistics-2010
332	JICA (2014)	Project on the Development of the National Water Master Plan in the Republic of Malawi, 2014, Japan International Cooperation Agency (JICA), Ministry of Agriculture, Irrigation and Water Development (MoAIWD), Republic of Malawi. https://openjicareport.jica.go.jp/pdf/12184537_03.pdf
333	Irrigation Authority (2021)	Table 43 - Land under irrigation, Irrigation Authority, 2021. Irrigation Authority, Port Louis, Mauritius.
334	CSO (2016)	Central Statistical Organization (CSO), 2016. Central Statistical Organization, Naypyidaw Myanmar. https://www.csostat.gov.mm/PublicationAndRelease/MyanAgriculture
335	Central Bureau of Statistics (2011)	Central Bureau of Statistics, 2011. National Sample Census of Agriculture 2011/12 - District Level Contents. https://cbs.gov.np/national-sample-census-of-agriculture-nepal-2011-12-district-level/ , 09/01/2021.
336	Statistics New Zealand (2021)	Statistics New Zealand, 2021. 2017 Agricultural Census tables. Statistics New Zealand, https://www.stats.govt.nz/information-releases/agricultural-production-statistics-june-2017-final , 03/04/2021.
337	INIDE (2011)	Instituto Nacional de Información de Desarrollo (INIDE), 2011. IV Censo Nacional Agropecuario. Instituto Nacional de Información de Desarrollo, https://www.fao.org/3/I9362ES/i9362es.pdf , 28/01/2021.
338	INEI (2020)	Instituto Nacional de Estadística e Informática (INEI), 2020. IV Censo Nacional Agropecuario 2012. Instituto Nacional de Estadística e Informática, Lima, Peru, http://proyectos.inei.gob.pe/web/DocumentosPublicos/ResultadosFinalesIVCEN-AGRO.pdf , 04/11/2020.
339	National Irrigation Administration (2010)	National Irrigation Administration, 2010. Annual Report. National Irrigation Administration (Publisher), 2010, Quezon City, Metro Manila, Philippines. https://www.nia.gov.ph/?q=annual-report
340	National Irrigation Administration (2015)	National Irrigation Administration, 2015. Annual Report. National Irrigation Administration (Publisher), 2015, Quezon City, Metro Manila, Philippines. https://www.nia.gov.ph/?q=annual-report

342	Federal State Statistics Service (2018)	Federal State Statistics Service, 2018. Results of all-Russia agricultural census 2016. Federal State Statistics Service, Moscow, Russia (in Russian). https://rosstat.gov.ru/storage/mediabank/VSXP_2016_T_3_web.pdf
343	Statistical Office of the Republic of Serbia (2021)	Statistical Office of the Republic of Serbia, 2021. Census of Agriculture 2012. Statistical Office of the Republic of Serbia, http://popispoljoprivrede.stat.rs/popis/wp-content/themes/popis2012/sadrzajeng.htm , 14/04/2021.
344	SOK (2013)	Statistical Office of Kosovo (SOK), 2013. Agricultural Household Survey 2013. Statistical Office of Kosovo (SOK), Ministry of Public Works, Government of Kosovo, https://ask.rks-gov.net/media/1685/agricultural-household-survey-2013.pdf , 02/04/2021.
345	SOK (2008)	Statistical Office of Kosovo (SOK), 2008. Agricultural Household Survey 2008. Statistical Office of Kosovo (SOK), Ministry of Public Works, Government of Kosovo, https://ask.rks-gov.net/media/1674/agricultural-household-survey-2008.pdf , 02/04/2021.
346	AIS (2020)	Agricultural Institute of Slovenia (AIS), 2020. Agricultural Institute of Slovenia, Ljubljana, Slovenia. http://kazalci.arso.gov.si/en/content/irrigation-agricultural-land
347	DEA (2013)	Department of Environmental Affairs (DEA), 2013. South African National Land-Cover. Department of Environmental Affairs (DEA), Republic of South Africa, Pretoria, South Africa.
348	DEA (2018)	Department of Environmental Affairs (DEA), 2018. South African National Land-Cover. Department of Environmental Affairs (DEA), Republic of South Africa, Pretoria, South Africa.
349	Department of Census and Statistics (2021)	Department of Census and Statistics, 2021. Economic Census 2013/2014. Department of Census and Statistics, http://www.statistics.gov.lk/Economic/Final_Report_Agri.pdf , 08/07/2021.
350	Directorate-General of Budget, Accounting and Statistics (2015)	Directorate-General of Budget, Accounting and Statistics, 2015. Agriculture, forestry, fishery and husbandry census 2015 – statistical tables. Directorate General of Budget, Accounting and Statistics, Statistical Bureau, Taipei City, Taiwan, https://eng.stat.gov.tw/ct.asp?xItem=42932&ctNode=1634&mp=5 , 04/01/2021.

351	National Bureau of Statistics (2016)	National Bureau of Statistics, 2016. Annual Agriculture Sample Survey Crop and Livestock Report. National Bureau of Statistics, Ministry of Agriculture and Food Security, Ministry of Water and Livestock Development, Ministry of Cooperatives and Marketing, Presidents Office, Regional Administration and Local Government, Ministry of Finance and Economic Affairs – Zanzibar, Dar es Salaam, Tanzania, https://www.nbs.go.tz/nbs/takwimu/Agriculture/2016-17_AASS%20Report%20_Final.pdf , 01/10/2020.
352	Office of Agricultural Economics (2018)	Office of Agricultural Economics, 2018. Agricultural Statistics of Thailand. Office of Agricultural Economics, Ministry of Agriculture and Cooperatives - Bangkok, Thailand, http://irre.ku.ac.th/books/pdf/128.pdf , 11/10/2020.
353	MAWF (2011)	Ministry of Agriculture, Water Resources and Fishing (MAWF), 2011. Report on Irrigation (in Arabic). Ministry of Agriculture, Water Resources and Fisheries - Borj Cédria, Tunisia, http://www.agriculture.tn/documents/opendata/docs/irrigue_2011.pdf , 23/10/2020.
354	MCCE (2016)	Ministry of Climate Change and Environment (MCCE), 2016. Agriculture Statistics 2016. Ministry of Climate Change and Environment - Dubai, UAE, https://www.moccae.gov.ae/en/open-data.aspx#page=1 , 05/05/2021.
355	MCCE (2010)	Ministry of Climate Change and Environment (MCCE), 2010. Agriculture Statistics 2010. Ministry of Climate Change and Environment - Dubai, UAE, https://www.moccae.gov.ae/en/open-data.aspx#page=1 , 05/05/2021.
356	MWR (2016)	Ministry of Water Resources of Uzbekistan (MWR), 2016. Ministry of Water Resources of Uzbekistan - Tashkent City, Uzbekistan, https://water.gov.uz/en/doc/1561351501/1563284497 , 29/01/2021
357	Central Statistics Office (2016)	Central Statistics Office, 2016. Statistical yearbook 2015, section agriculture. http://cso-yemen.org/content.php?lng=english&cid=131 , 01/10/2020.
315	ABS (2017)	ABS, 2017. Water use on Australian farms, 2015-16. Australian Bureau of Statistics (ABS), cat. no. 4618.0, https://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/4618.02015-16?OpenDocument#Data , 03/01/2021.
358	ABARES (2019)	ABARES 2019, Catchment Scale Land Use of Australia – Update December 2018, ABARES, Canberra, March CC BY 4.0. https://doi.org/10.25814/5c7728700fd2a
359	MARAC (2018)	Ministry of Agriculture and Rural Affairs of China / Chinese Academy of Agricultural Sciences. County-level agricultural statistics 2001-2015. (MoA/CAAS, 2018).

360	Ministry of Agriculture (2016a)	Ministry of Agriculture. 2016. Area and Production Statistics. Government of India, Ministry of Agriculture, Agricultural Census Division, https://www.aps.dac.gov.in/LUS/Public/Reports.aspx , 05/02/2021.
361	Ministry of Agriculture (2016b)	Ministry of Agriculture. 2016. Agricultural Census Database. Government of India, Ministry of Agriculture, Agricultural Census Division, http://agcensus.dacnet.nic.in/nationalcharacteristic.aspx , 20/02/2021.
362	NASS (2014)	NASS, 2014. County level data. 2012 Census of Agriculture, Volume 1, Chapter 10, National Agricultural Statistics Service (NASS), US Department of Agriculture, https://agcensus.library.cornell.edu/census_parts/2012-united-states/ , 01/05/2020.
363	NASS (2019)	NASS, 2019. County level data. 2017 Census of Agriculture, Volume 1, Chapter 10, National Agricultural Statistics Service (NASS), US Department of Agriculture, https://www.nass.usda.gov/Publications/AgCensus/2017/Full_Report/Volume_1,_Chapter_2_County_Level/ , 01/05/2020.
364	Dieter et al. (2018)	Dieter, C.A., Linsey, K.S., Caldwell, R.R., Harris, M.A., Ivahnenko, T.I., Lovelace, J.K., Maupin, M.A., and Barber, N.L., 2018, Estimated use of water in the United States county-level data for 2015 (ver. 2.0, June 2018): U.S. Geological Survey data release, https://doi.org/10.5066/F7TB15V5 .
365	Maupin et al. (2014)	Maupin, M.A., Kenny, J.F., Hutson, S.S., Lovelace, J.K., Barber, N.L., and Linsey, K.S., 2014, Estimated use of water in the United States in 2010: U.S. Geological Survey Circular 1405, 56 p., http://dx.doi.org/10.3133/cir1405 .
366	NASS (2014)	National Agricultural Statistics Service (NASS). 2014. Puerto Rico island and municipio data. 2012 Census of Agriculture, Volume 1, Geographic Area Series, Part 52, National Agricultural Statistics Service, US Department of Agriculture, https://www.nass.usda.gov/Publications/AgCensus/2012/Full_Report/Puerto_Rico/st72_2_031_031.pdf , 02/03/2021.