

Title: *Impact Assessment of citizen science: state of the art and guiding principles for a consolidated approach*

Table 3: Impact domains addressed per publication.

Publication	Domain relevance					Level of insights
	Science	Society	Economy	Environment	Governance	
Arora et al. (2015)	✓	✓				T
Ballard et al. (2017)	✓			✓	✓	T
Blackstock et al. (2007)		✓			✓	T
Bonney et al. (2009a)	✓	✓				T&I
Bonney et al. (2009b)		✓				T&I
Bonney et al. (2014)	✓	✓		✓		T
Bonney et al. (2015)		✓				T&I
Bremer et al. (2019)	✓	✓			✓	T&I
Brossard et al. (2005)		✓				T&I
Butterfoss (2006)		✓			✓	T&I
Cargo & Mercer (2008)		✓		✓		T
Chandler et al. (2017)	✓	✓		✓	✓	T&I
Chase and Levine (2016)		✓		✓		T&I
Constant and Roberts (2017)		✓				T
Cook et al. (2017)	✓	✓			✓	T
Coulson et al. (2018)		✓		✓		T
Cox et al. (2015)	✓	✓				T&I
D'Agostino McGowan et al. (2015)		✓				T
DITOs Consortium (2016)	✓	✓			✓	T&I
Evans et al. (2005)		✓		✓		T
Fazey et al. (2014)		✓				T&I
Friedman (2008)		✓				T
Gharesifard et al. (2019 a,b)	✓	✓	✓	✓	✓	T
Gibbons et al. (2016)		✓			✓	T
Glasgow and Emmons (2007)	✓					T
Graef et al. (2018)		✓	✓	✓		T
Granner et al. (2010)		✓				T
Gresle et al. (2019)		✓				T&I
Groulx et al. (2017)		✓				T
Grudens-Schuck & Sirajuddin (2019)		✓				T
Guldborg et al. (2019)		✓				T&I
Haklay (2015)					✓	T
Hassenforder et al. (2016)					✓	T
Haywood (2015)	✓	✓				T
Haywood and Besley (2013)	✓	✓				T&I
Hermans et al. (2011)		✓	✓		✓	T
Hobbs and White (2016)		✓				T
Jacobs et al. (2010)	N/A	N/A	N/A	N/A	N/A	N/A
Jagosh et al. (2011)					✓	T
Jagosh et al. (2012)	✓					T
Jagosh et al. (2015)		✓			✓	T
Johnson et al. (2003)			✓	✓		T
Jordan et al. (2012)	✓	✓	✓			T&I
Jordan et al. (2016)	✓	✓		✓	✓	T
Khodyakov et al. (2013)	✓					T&I
Kieslinger et al. (2017; 2018)	✓	✓	✓	✓		T&I
Lucero et al. (2018)					✓	T&I
Merenlender et al. (2016)	✓	✓				T&I
National Research Council (2009)		✓				T

Publication	Domain relevance					Level of insights
	Science	Society	Economy	Environment	Governance	
Oetzel et al. (2018)	✓	✓			✓	T
Peter et al. (2019)	✓	✓				T
Phillips et al. (2012; 2014; 2018)		✓				T&I
Pocock et al. (2018)	✓	✓		✓	✓	T
Pólvara and Nascimento (2017)	✓	✓	✓	✓		T
Reed et al. (2018)	N/A	N/A	N/A	N/A	N/A	N/A
Sandoval et al. (2012)		✓				T
Schäfer and Kieslinger (2016)	✓	✓		✓		T
Shirk et al. (2012)	✓	✓		✓	✓	T
Smajgl and Ward (2015)		✓				T&I
Szilagyi et al. (2014)		✓				T&I
Toomey & Domroese (2013)		✓				T
Tremblay (2017)		✓				T&I
Tremblay et al. (2017)	✓	✓				T&I
Trickett and Beehler (2017)		✓				T
Trimble and Lazaro (2014)		✓			✓	T
Van Brussel and Huyse (2018)		✓			✓	T&I
Villasenor et al. (2020)		✓		✓		T&I
Wehn et al. (2017, 2019, 2020b)		✓	✓	✓	✓	T&I
Wiggins et al. (2018)	✓					T&I
Woods et al. (2016)		✓		✓	✓	T
Woods et al. (2019)		✓		✓	✓	T&I
Total number of publications	29	65	12	24	26	-

‘T’: Thematic level insights; ‘I’: Indicator level insights; ‘N/A’: not applicable applies to publications that do not refer to specific domains.