

Reviews in Fish Biology and Fisheries

Historical ties shape fisheries research in West Africa

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Supplementary Material

SM2: Table showing the 14 seed topics and keywords selected to guide the topic modelling. The seed topics were chosen by the authors based on FAO (2022) and Syed et al (2018), and manually labelled.

Theme	Seed Topic	Keywords
Fishery and organism biology	life history traits and population dynamics	['growth', 'length', 'size', 'age', 'reproduction', 'mortality', 'maturity', 'population', 'population dynamic']
	trophic ecology	['forage', 'feeding', 'trophic', 'food-web', 'prey', 'predation', 'diet']
	spatial ecology	['movement', 'distribution', 'migratory', 'tracking', 'GPS']
	genetics	['DNA', 'gene', 'connectivity', 'population structure', 'markers']
Fishery assessment	fishing catch and effort	['catch data', 'CPUE', 'effort', 'stock assessment', 'landing', 'fisheries']
	bycatch	['bycatch', 'by-catch', 'trawl', 'megafauna', 'turtle', 'shark', 'cetacean']
Fishery Policy	economic policies	['EU', 'agreement', 'partnership', 'economic', 'SFPA', 'policy', 'industria', 'small-scale']
	illegal fishing	['illegal', 'IUU', 'law', 'legislation', 'surveillance', 'enforcement']
Socioeconomic aspects of fisheries	socioeconomic	['socioeconomic', 'socio-economic', 'economic', 'cultural', 'gender', 'fisher', 'migration', 'job', 'fish value chain']
Fishery management	management	['management', 'conservation', 'collapse', 'stock', 'marine protected areas', 'closure', 'measures']
	management models	['management', 'framework', 'stakeholder', 'sustainable', 'co-management', 'adaptive']
Ecosystem	habitats	['mangrove', 'estuary', 'lagoon', 'assemblage', 'threat', 'community', 'environmental changes']
	oceanography	['oceanographic', 'ecosystem', 'temperature', 'salinity', 'productivity', 'current', 'oxygen', 'canary current', 'benguela current']
Climate change related to fisheries	climate change	['climate', 'climate change', 'fishery', 'catch', 'distribution', 'economic', 'adaptation', 'vulnerable', 'fishing communities', 'resilience']