



THE COOK ISLANDS GAZETTE

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Schedule 1 Marine-based activities under Marae Moana Act 2017

Activity	Sub-Activity	Threats to Avoid	Agency or Agencies	Management Measures		
				Principal Legislation	Subsidiary Legislation	Policy Document
Maritime Transport		Pollution (by hydrocarbons, other liquids, solids or noise); Contamination by ballast water, Inappropriate disposal of wrecks,	Ministry of Transport	Prevention of Marine Pollution Act 1998; Maritime Transport Act 2008.	Maritime Anti-Fouling Rules 2014; Maritime Ballast Water Rules 2014; Maritime Bankers Rules 2014; Maritime CLC PROT Rules 2014; Maritime Fund Prot Rules 2014; Maritime MARRPOL Rules 2014; Maritime Wreck Removal Rules 2014; Maritime Rules (Offences) Regulations 2014;	Cook Island National Maritime Transport
Oil spill clean-ups ¹		Pollution from chemicals used to disperse and clean up oil	Ministry of Transport Ports authority National Environment Service			
Waste clean-ups		Environmental impacts of cleaning up waste Inability to appropriately	National Environment Service			

		dispose of waste collected				
Ship scuttling		Pollution, habitat destruction, ciguatera outbreaks	Ministry of Transport (lead) National Environment Service	Prevention of Marine Pollution Act 1998 Environment Act 2003		
Wreck retrieval		Pollution Habitat destruction Ciguatera outbreaks	Ministry of Transport Ports Authority Ministry of Marine Resources National Environment Service			
Ocean dumping		Pollution	Ministry of Transport (lead) National Environment Service Ministry of Marine Resources	Prevention of Marine Pollution Act 1998 Environment Act 2003 Marine Resources Act 2005		
Aquaculture		Pollution Eutrophication Introduction of alien invasive species Nuisance	Ministry of Marine Resources			MMR Strategic Plan 2017-2021 Gazette Notification 13/08/12 - Prohibition of Trade in Fish,

									Fish products or other Marine Resources (sea cucumber & trochus)
									National Strategy on Aquatic Biosecurity for the Cook Islands 2018
Collecting Aquarium Fish		Over-harvesting of aquarium fish Habitat damage or destruction	Ministry of Marine Resources	Marine Resources Act 2005					
Artisanal Commercial fishing	SCUBA and spearfishing	Over-harvesting of fish species Habitat damage	Ministry of Marine Resources National Environment Service						
	Gillnet fishing	Over-harvesting of fish species Impacts on by-catch Habitat damage or destruction Marine debris (lost gear)	Ministry of Marine Resources National Environment Service						
	Game fishing	Over-harvesting of pelagic fish Impacts on by-catch Marine debris (waste and gear)	Ministry of Marine Resources National Environment Service						

Large scale Commercial Fishing	General	Over-harvesting of pelagic fish Impacts on by-catch Marine debris (waste and gear)	Ministry of Marine Resources	Marine Resources Act 2005	Marine Resources (Licensing) Regulations 2012 Marine Resources (Shark Conservation) Regulations 2012	NPOA Sharks, Turtles, Seabirds Whale Sanctuary Declaration 2001 Please refer to attached Table of CMMS
	Long-line fishing	Over-harvesting of pelagic fish Impacts on by-catch Marine debris (waste and gear)	Ministry of Marine Resources	Marine Resources Act 2005	Marine Resources (Large Pelagic Longline Fishery and Quota Management System) Regulations 2013	Gazette Notification 1/08/17 - Amendment to the Large Pelagic Longline Fishery Plan 2016 Please refer to attached Table of CMMS
	Purse seine fishing	Over-harvesting of pelagic fish Impacts on by-catch Marine debris (waste and gear)	Ministry of Marine Resources	Marine Resources Act 2005	Marine Resources (Purse Seine Fishery) Regulations 2013	Please refer to attached Table of CMMS
Whaling		Ecosystem impacts Species extinction	Ministry of Marine Resources National Environment Service	Environment Act 2003 Marine Resources Act 2005		Whale Sanctuary declaration 2001
Disposal of Sewage		Pollution of the marine environment by	Ministry of Health	Ministry of Health Act 2013	Public Health (Sewage and Wastewater Treatment and Disposal) Regulations 2014;	

		sewage and wastewater. Eutrophication				Standards Applicable to the Design and Construction of Sewage Systems; Standards and Operating Procedures Applicable to the Operation of Sewage Systems; Standards and Codes of Practice Applicable to the Registration of Designs and Personnel.	
Seabed Mining	General	Pollution of the marine environment by activities related to seabed mineral exploration and mining (including light and sound pollution) Sedimentation Habitat destruction	Cook Islands Seabed Minerals Authority National Environment Service	Seabed Minerals Act 2009 Environment Act 2003.	Seabed Minerals Act 2009 Environment Act 2003.	Seabed Minerals (Prospecting and Exploration) Regulations 2015	
	Seabed minerals exploration	Pollution of the marine environment by activities related to seabed mineral exploration (including light and sound pollution) Sedimentation Habitat destruction	Cook Islands Seabed Minerals Authority National Environment Service	Seabed Minerals Act 2009 Environment Act 2003.	Seabed Minerals Act 2009 Environment Act 2003.	Seabed Minerals (Prospecting and Exploration) Regulations 2015	

			Pollution of the marine environment by activities related to seabed mineral extraction. (including light and sound pollution) Sedimentation Habitat destruction	Cook Islands Seabed Minerals Authority National Environment Service	Seabed Minerals Act 2009 Environment Act 2003.		
Research and environmental monitoring			Habitat destruction Nuisance to animals Pollution Noise pollution	National Environment Service Ministry of Marine Resources			
Renewable energy generation	Using Tides	Habitat destruction Nuisance to animals Pollution Noise pollution	National Environment Service Ministry of Marine Resources				
	Using Waves	Habitat destruction Nuisance to animals Pollution Noise pollution	National Environment Service Ministry of Marine Resources				
	Using ocean currents	Habitat destruction Nuisance to animals Pollution	National Environment Service				

		Noise pollution	Ministry of Marine Resources			
Marine-based tourism	SCUBA diving	Habitat damage Nuisance to animals	National Environment Service Ministry of Marine Resources			
	Snorkelling inside the reef	Habitat damage Nuisance to animals	National Environment Service Ministry of Marine Resources			
	Snorkelling outside the reef	Habitat damage Nuisance to animals	National Environment Service Ministry of Marine Resources			
	Wildlife Tourism	Habitat disruption Species interference	NES, MMR, CITC, BTIB Ministry of Marine Resources	Environment Act 2003 Marine Resources Act 2005	Draft MMR Whale Watching Regulations	Whale Watching Policy
	Game fishing charters	Over-harvesting of pelagic fish Impacts on by-catch Waste Marine debris (waste and gear)	National Environment Service Ministry of Marine Resources			
	Motorised boating	Habitat destruction from anchoring	Ministry of Transport Ports Authority			

			Waste Marine debris Pollution (by hydrocarbons, other liquids, solids or noise); Nuisance to animals	National Environment Service Ministry of Marine Resources			
	Water skiing, jet skiing	Habitat destruction from anchoring Waste Marine debris Pollution (by hydrocarbons, other liquids, solids or noise); Nuisance to animals	Ministry of Transport Ports Authority National Environment Service Ministry of Marine Resources				
	Reef walking	Habitat damage or destruction	National Environment Service Ministry of Marine Resources				
	Sailing	Habitat destruction from anchoring Waste Marine debris Pollution (by hydrocarbons, other liquids, solids or noise);	Ministry of Transport Ports Authority National Environment Service Ministry of Marine Resources				

		Nuisance to animals				
Research and environmental monitoring		Habitat destruction Nuisance to animals Pollution Noise pollution	NES, NHT, MMR, MoA, ICI, MoH, MoCD, OPM, MFEM			
Construction/Maintenance of Coastal Infrastructure e.g. Jetty, Wharf, Port, Slipway		Habitat destruction Irreversible habitat change	NES, ICI, CIC, Ports Authority, Island Government	Environment Act 2003	Draft Environment (Permits and Consents) Regulations	
Sand Mining/Dredging		Habitat destruction Irreversible habitat change	NES, MMR, CIC, Island Government	Environment Act 2003 Marine Resources Act 2005	Draft Environment (Permits and Consents) Regulations	