



Diffuse Source Water Pollution Strategy

Improving management of water pollution from diffuse sources in NSW



Building capacity on the Risk-based framework

Increasing awareness of the Risk-based framework through guidance forums and online portal



Review of the NSW Water Quality Objectives

Reviewing the NSW Water Quality Objectives so they support current community values



Water Quality Working Group

Working with other government agencies to improve the management of the marine estate's water quality



Aquatic biodiversity offsets

Protecting important coastal habitats by finding better ways to offset unavoidable impacts from development



Fish friendly workshops for councils

Delivering an education program to council staff about the protection of fish and fish habitat



Construction sediment management

Controlling sediment from construction sites through improved methods and development approval processes



Oyster reef restoration research

Exploring better ways to restore oyster reefs



Marine litter campaign

Extending the 'Don't be a Tosser' litter campaign to include the marine estate



Marine Debris Working Group

Working with other government agencies and scientists to learn more about managing marine debris



NSW Litter Prevention Strategy

Integrating marine litter prevention actions into the NSW Litter Prevention Strategy and setting reduction targets



Estuarine water quality monitoring

Monitoring the water quality and health of estuaries to detect problems and see the benefits of improved management



Mapping outflow events

Mapping how water flowing out of estuaries after flood impacts on nearshore underwater habitats



Land use pressures on the marine estate

Monitoring the condition of gauged streams using water quality and biological indicators for different land uses



Commercial dredging audit

Reviewing commercial dredging and sand extraction in estuaries and along the open coast to assess risks and ensure a consistent approach to risk management



ICOLL management

Developing an approval framework to support entrance management for intermittently closed and open lakes and lagoons (ICOLL)



Coastal design guidelines review

Improving the design of coastal cities and towns by promoting environmentally friendly planning and infrastructure



Coastal floodplain drainage management

Providing a framework for managing coastal floodplain drainage to improve water quality, simplify approvals and support viable primary industries



Reconnecting fish habitats

Restoring fish passage and river connectivity at priority weir and road crossings so that fish can move between habitats, avoid predators, find food and breed



Mapping seagrass, mangrove and saltmarsh

Developing new methods for mapping seagrass, mangrove and saltmarsh to determine species, measure condition and identify threats



Innovative technology research

Exploring ways of using artificial intelligence to map and monitor estuarine wetland habitats and species



Threats to estuarine vegetation

Understanding the effects of human activities on seagrass, mangrove and saltmarsh



Climate change threats to seagrass, mangrove and saltmarsh

Modelling changes in the distribution of wetlands in response to sea level rise



Climate change adaptation

Building the knowledge and capacity of coastal and marine managers and communities to increase resilience to climate change by identifying adaptation solutions



Climate change research

Researching the effects of climate change to fill knowledge gaps and guide future management actions



Climate change monitoring

Monitoring the condition of offshore rocky reefs as a priority environmental asset



Climate change citizen science

Using community data to map changes in marine species distributions due to climate change



Aboriginal engagement

Establishing an effective framework to involve Aboriginal communities in Sea Country management



Sea Country plans

Developing Sea Country Plans with Aboriginal communities



Sea Country rangers

Designing and delivering a Caring for Sea Country ranger model with Aboriginal communities



Cultural fishing funds

Delivering targeted funds to increase economic opportunities for Aboriginal people in the fishing and seafood industry



Cultural research and monitoring

Developing a cultural research, monitoring and evaluation approach that is integrated with the Marine Integrated Monitoring Program



Planning to protect marine wildlife

Improving strategic planning and coordination of marine threatened and protected species programs across NSW



Partnerships to protect marine wildlife

Strengthening partnerships with government, community and industry to enhance the management, incident response and rehabilitation of marine threatened and protected species



Education to protect and conserve marine wildlife

Explaining the need to protect marine threatened and protected species and the importance of community to achieve this



Improve reporting of interactions with marine wildlife

Improving reporting and data sharing on marine threatened and protected species to support evidence-based decisions about marine wildlife management



Observer survey prioritisation

Updating the commercial fishing observer program prioritisation to address threats to marine threatened and protected species



Estuary General Fishery observer survey

Analysing data from the Estuary General Fishery to address threats to fish from bycatch and harvest



Ocean Trawl Fishery observer survey

Analysing data from the NSW Ocean Trawl Fishery to address threats to fish from bycatch and harvest



Fishing industry sustainability

Working with industry to reduce interactions with threatened and protected species and improve reporting of interactions when they occur



Harvest strategy development

Developing harvest strategies for use by commercial, recreational and cultural fishers to reduce the risks of fishing on species of concern



Harvest strategy research

Linking commercial, recreational and Aboriginal cultural fisheries information to improve harvest strategies and ecological risk assessment



Recreational fishing environmental assessment

Limiting the environmental impacts of recreational fishing by completing an environmental impact assessment and a recreational fisheries strategy



Marine aquaculture

Using the Marine Waters Aquaculture Strategy to explore opportunities for new marine aquaculture ventures



Best practices in oyster aquaculture

Protecting important seagrass habitat by using the best-practice guidelines in the Oyster Industry Sustainable Aquaculture Strategy



Oyster aquaculture business and environment

Helping oyster businesses recover from natural disasters so they remain financially and environmentally sustainable



Socio-ecological research

Identifying the priorities for socio-ecological research to support the Marine Estate Management Strategy



Recreational fishing values

Analysing historical NSW recreational fishing surveys to understand what motivates fishers and gives them a sense of satisfaction



Marine estate benefits

Investigating the social and environmental benefits from a healthy NSW marine estate to make better management decisions



Cultural fishing monitoring

Understanding cultural fishing participation, practices and limitations to protect and promote cultural fishing



Wild catch fish stocks

Contributing NSW biological, catch and effort data to help develop the Status of Australian Fish Stocks Reports and develop Harvest Strategies



Fishing industry marine stewardship

Working with the fishing and aquaculture industries to improve sustainable practices, and develop economic opportunities



Eat more NSW seafood

Driving the value of NSW seafood through increased awareness and consumption, and building industry capabilities and cohesiveness



Marine biosecurity awareness

Using social research into recreational boaters' knowledge of the risks of aquatic pests and diseases to develop a communication and behavioural change management program



Environmentally friendly moorings

Progressing the development of a performance-based standards to improve the safety and environmental outcomes from mooring apparatus



Mooring strategy

Improving access to moorings by modernising the way they are managed and administered



Mooring audits

Improving moorings audits and better enforcing of license conditions



End-of-Life vessel management

Investigate ways to manage or remove vessels that are reaching or have reached the end of their useful life, to reduce potential environmental harm and improve future mooring access



Marine pollution responsibilities

Clarifying the status of Transport for NSW's Appropriate Regulatory Authority (ARA) with a focus on pollution from vessels in marine parks



Marine pollution legislation

Reviewing the *Marine Pollution Act 2012* and its role in protecting the NSW environment from pollutants discharged from ships



Vessel environmental standards

Improving the compliance of domestic commercial vessels and recreational vessels with environmental standards and regulations



Recreational boater education

Continuing to educate recreational boaters about compliance with environmental regulations



Vessel monitoring

Analysing data in vessel movements and potential interactions with threatened and protected species to identify knowledge gaps



Maritime infrastructure

Working collaboratively with key stakeholders to invest in maritime infrastructure as part of the Maritime Infrastructure Plan 2019-2024



Marine estate education strategy

Implementing the NSW Marine Estate Education Strategy and curriculum-based schools package



Community wellbeing framework

Collecting social, cultural and economic data to provide a foundation for long-term monitoring of community wellbeing associated with the marine estate



Economic benefits monitoring

Monitoring the economic benefits associated with the marine estate under the community wellbeing framework



Improving project governance

Reviewing projects to determine where governance is embedded and identify gaps that need to be addressed



Improved management of aquatic reserves and high value sites

Improving management of aquatic reserves and other high value sites



Better geographic information systems (GIS) for the marine estate

Improving geographic information systems (GIS) for marine estate managers and users



Understanding government stakeholders

Reviewing the roles and responsibilities of government agencies involved in the Strategy



Understanding non-government stakeholders

Identifying marine estate stakeholders and their networks to develop plans for improving communication and engagement



Reducing red tape

Reducing the regulatory burden for community, industry and key stakeholders when using the marine estate



Reducing red tape for marine parks

Reducing inconsistencies and duplication in regulations affecting marine parks

