

Joint Research Centre (JRC)

Rural, Water and Ecosystem Resources Unit



IES - Institute for Environment and Sustainability

Ispra - Italy

<http://ies.jrc.ec.europa.eu/>

<http://www.jrc.ec.europa.eu/>

JRC IES RWER as possible partner in proposals for „Ocean of Tomorrow“

Competences and activities:

- Spatial Assessment of Coastal Change**
- Ecological Quality and Biodiversity in Aquatic Systems**
- Chemical Pollution Assessment in European Seas**



- **Spatial assessment of changes in coastal ecosystem services and biodiversity and models these in function of drivers of change such as fishery and tourism as well as pressures acting on ecosystems such as erosion, nutrient loading, or pollution.**
- **Interest: application of spatial biodiversity and ecosystem data or models**

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- **Ecological indicators for monitoring and assessing the ecological quality and biodiversity of coastal waters and European seas (European Ecological Water Quality and Intercalibration, EEWAI)**
- **Alien species in ecological assessment**
- **Links between EU directives and policies relevant to ecological quality and biodiversity, Biodiversity Strategy, MSFD, Habitat Directive, Nitrates Directive, Urban Waste Water Treatment Directives, Climate Change Policy, Common Agricultural Policy)**

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Chemical Pollution Assessment

- **Direct policy support for implementation of Water Framework Directive and Marine Strategy Framework Directive**
- **Approaches for determination of Good Environmental Status in European Seas**
- **Assessment of emerging contaminants in the environment**
- **Development of Monitoring Schemes for European Seas**

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