



Theme 6: Eco-morphology and habitat

Topic 1

| Title | Coastal habitats: response to and recovery from environmental change |
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| Why | Management of coastal habitats require tools and methodologies for forecasting their response to environmental changes including sediment management, pollution and climate change. |
| What | Development of management options addressing sustainability, recovery and restoration of coastal habitats to environmental perturbation |
| How | Identify and quantify processes and functions, incorporate these into models and develop scenarios of different spatial and temporal scales |

Topic 2

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| Title | Development of an operational European observatory network for monitoring and management of coastal systems |
| Why | Sustainable management requires a consistent and coherent database to be able to detect changes in coastal habitats. The database should consist of data collected at different temporal and spatial scales and possible gaps should be identified and filled. |
| What | Analyse and report trend indicators. Develop an alert system for early warning. Create a decision support system for coastal habitats. |
| How | Set up a network of observatories across Europe to collect, share and interpret core data. Identify core data-sets essential for understanding the changes in coastal habitats with respect to natural and anthropogenic factors. |