

TMAP ad hoc working group - Fish

- QSR 2004, 8.6 Fish – Recommendations
- 11. Wadden Sea Symposium – Recommendations
- TMAP Revision
- Marine Strategy Directive

QSR 2004, 8.6 Fish – Recommendations

- Formulation of trilateral targets
- Fish monitoring in Weser and Jade region and in the Danish Wadden Sea
- Harmonization of methods, gear, sampling sites and times
- More information on pelagic and diadromous species is needed (smelt as key species)
- A network of sampling sites for monitoring pelagic fish species should be installed
- Monitoring must be adopted for species with strong seasonal pattern
- Relationship between fish and habitats should be investigated
- More knowledge of the autecology of non-commercial species is required

11th Wadden Sea Symposium 2005 – Recommendations

12. Fish identified as a gap in the TMAP contents – reconsideration of the issues of concern for TMAP
25. Fish age should be noted (whenever feasible at low cost level)
33. Trilateral expert group on fish should be established
36. HD-Annex-II-species (e.g. twaite shad) should be included in the TMAP

TMAP Revision

	<i>common objectives</i>	<i>assessment parameters</i>
5.e Fish	Good status of threatened / protected species (HD).	Distribution and abundance of selected species
	Good ecological status of fish in transitional waters (WFD).	Distribution and abundance of species in transitional waters and in estuaries

From: TMAP Revision, Work Package I (29.4.2005)

Marine Strategy Directive

Article 10

Establishment of monitoring programmes

1.

..., Member States shall establish and implement coordinated monitoring programmes for the ongoing assessment of the environmental status of their European marine waters ...

Annex II, Table 1 – Characteristics

Habitat types

... description of the characteristic physical and chemical features depth, temperature regime, currents, salinity, structure and substrate of the bed; ...

Biological Elements

... information on the structure of fish populations including the abundance, distribution and age/size structure of the populations should be presented. ...

Summary

- Formulation of trilateral targets
- Fish monitoring in Weser, Jade, Danish Wadden Sea ✓
- Harmonization of the different programmes
- More information on pelagic and diadromous species
- network for monitoring pelagic fish
- Monitoring species with strong seasonal pattern
- Relationship between fish and habitats
- autecology of non-commercial species
- TMAP revision ✓
- Fish age
- Trilateral expert group on fish ✓
- HD-Annex-II-species ✓
- Distribution and abundance of selected species ✓
- Distribution and abundance of species in transitional waters and in estuaries ✓
- Establishment of monitoring programmes ✓
- abundance, distribution and age/size structure of the populations ✓

Ad hoc list

- Formulation of trilateral targets
- Harmonization of the different programmes
- More information on pelagic and diadromous species
- Network for monitoring pelagic fish
- Monitoring species with strong seasonal pattern
- Relationship between fish and habitats
- Autecology of non-commercial species
- Fish age