

Annex VI: Regional Summary Template

REGION:

Check-List of Questions

Coverage

- 1
 - (a) What parts of the region have been covered by assessments of one or more aspects of the biological/physical/chemical marine environment?
 - (b) Which aspects of the marine environment do those assessments cover?
 - (c) How frequently have those aspect-specific assessments been carried out, or are planned to be carried out?
- 2
 - (a) What parts of the region have been covered by sector-specific assessments?
 - (b) For which sectors of human activities did the assessments examine the pressures on the marine environment created by those sectors?
 - (c) For which sectors of human activity did the assessments examine the impacts on humans of changes in the marine environment?
 - (d) Are the groups and areas most vulnerable to changes in the marine environment and environmental services addressed in the assessments?
 - (e) How frequently have those sector-specific assessments been carried out, or are planned to be carried out?
- 3 If there has been a significant attempt at integrated ecosystem assessments, what parts of the ecosystem and what areas of the region do they cover?
- 4 If there has been a significant attempt at integrated ecosystem assessments, what has been the timescale and how frequently will it be repeated in future?
- 5 How far does the assessments mentioned in the answers to the previous questions cover the high seas (that is, the area outside national jurisdiction)?

Assessment Practices

- 6 In addition to collections of information held at the global level, what information is available at the regional level?
- 7 Do assessments in the region generally rank the severity of problems (either for aspects of the marine ecosystem or for sectors of human activity), or otherwise identify priorities for future action?
- 8 Do assessments in the region generally evaluate options for future policy (rather than simply describing the state of affairs), and their likely outcomes?
- 9 Do regional assessments generally indicate gaps in the information needed for them? What are the major gaps that have been identified by the regional assessments?
- 10 Do regional assessments generally identify significant gaps in the scientific understanding of the relevant processes that need to be addressed in order to improve the assessment?
- 11 Does the region have effective arrangements to preserve and maintain databases on the information needed for assessments?
- 12 What regional organisations have been involved in assessment activity, and what other regional organisations exist which could participate?

ANSWERS

Section A (Optional)

REGION:

	ISSUES RELATED TO THE NON-HUMAN MARINE ENVIRONMENT	Data-based assessment(s) for much or all of the region	Data-based assessment(s) for only some parts of the region
<i>A</i>	<i>Physical and chemical background of the marine environment</i>		
A1	Hydrography (sea bed)		
A2	Hydrology (salinity, currents)		
A3	Influence of major freshwater inputs		
A4	Water quality – nutrient levels		
A5	Water quality – contamination and pollution		
A6	Water quality – turbidity		
A7	Other issues relevant to physical and chemical background covered by the assessment (please mention what these are)		
<i>B</i>	<i>Marine Fauna and Flora</i>		
B1	Primary production		
B2	Plankton abundance and diversity		
B3	Fish populations – wild commercial fish stocks		
B4	Fish populations – other populations of demersal and pelagic fish		
B5	Fish populations – mariculture		
B6	Benthic fauna – wild commercial stocks of molluscs and crustacea		
B7	Benthic fauna – other populations of molluscs and crustacean		
B8	Benthic fauna – mariculture of molluscs and crustacea		
B9	Benthic flora – seaweed		
B10	Marine Reptiles		
B11	Marine mammals		
B12	Seabirds		
B13	Marine fauna and flora – identification of threatened and/or endangered species		

	ISSUES RELATED TO THE NON-HUMAN MARINE ENVIRONMENT	Data-based assessment(s) for much or all of the region	Data-based assessment(s) for only some parts of the region
B14	Other issues relevant to marine fauna and flora covered by the assessment (please mention what these are)		
C	<i>Marine habitats</i>		
C1	Coral reefs		
C2	Other spawning, breeding or nursery areas		
C3	Identification of threatened and endangered marine habitats		
C4	Other issues relevant to marine habitats covered by the assessment (please mention what these are)		

Habitats issues which it may be relevant to include under C4 include: coastal wetlands, mangroves, sea grass beds, sponge beds, seamounts, deep-sea trenches, mid-ocean ridges, hydrothermal vents, cold seep/gas hydrate communities and pelagic (open ocean) hotspots.

Section B (Optional)

REGION:

	ISSUES RELATED TO INTER-RELATIONS BETWEEN HUMAN ACTIVITIES AND THE MARINE ENVIRONMENT	Data-based assessment(s) for much or all of the region	Data-based assessment(s) for only some parts of the region
D	<i>Food</i>		
D1	Scale of commercial capture fisheries (amounts taken of target species)		
D2	Pressures from commercial capture fisheries (amounts taken of non-target species and physical impact of fishing gear)		
D3	Scale of mariculture		

Assessment(s) based on expert opinion and/or traditional knowledge for much of the region	Assessment(s) based on expert opinion and/or traditional knowledge for some parts of the region	Data/ information known to exist, at least in some parts of the region, but no assessment process	It is known that little or no data has been collected in the region	It is not known what data/ information exists about the region

Please add any further comments that are necessary to give a good but brief impression of the thematic coverage of regional assessments relating to the non-human marine environment.

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	ISSUES RELATED TO INTER-RELATIONS BETWEEN HUMAN ACTIVITIES AND THE MARINE ENVIRONMENT	Data-based assessment(s) for much or all of the region	Data-based assessment(s) for only some parts of the region
D4	Economic and social aspects of fisheries and mariculture (such as economic value of products and employment)		
D5	Proportion of fisheries and mariculture landed within the region		
<i>E</i>	<i>Human health</i>		
E1	Impacts on human health from contaminated sea-water and/or contaminated fish and shell-fish		
E2	Impacts on human health and well-being from hydrological events (e.g. the El Niño phenomenon, hurricanes, typhoons, tsunamis)		
<i>F</i>	<i>Energy</i>		
F1	Offshore wave and wind energy generation: environmental aspects (scale and impact on the marine environment)		
F2	Offshore wave and wind energy generation: social and economic aspects (such as economic value and employment)		
F3	Oil and gas extraction from the seabed: (environmental aspects (scale and aspect on the marine environment)		
F4	Oil and gas extraction from the seabed: social and economic aspects (such as economic value and employment)		
<i>G</i>	<i>Solid mineral extraction</i>		
G1	Extraction of aggregates (sand and gravel) from the seabed: environmental aspects (scale and pressure on the marine environment)		
G2	Extraction of aggregates (sand and gravel) from the seabed: social and economic aspects (such as economic value and employment)		
G3	Extraction of other solid minerals from the seabed: (environmental aspects (scale and pressure on the marine environment)		
G4	Extraction of other solid minerals from the seabed : social and economic aspects (such as economic value and employment)		

	ISSUES RELATED TO INTER-RELATIONS BETWEEN HUMAN ACTIVITIES AND THE MARINE ENVIRONMENT	Data-based assessment(s) for much or all of the region	Data-based assessment(s) for only some parts of the region
<i>H</i>	<i>Waste disposal</i>		
H1	Discharge of liquid waste from land to sea – municipal waste water		
H2	Discharge of liquid waste from land to sea – industrial		
H3	Discharge of liquid radioactive waste from land to sea		
H4	Disposal of solid land-generated waste dumped at sea		
H5	Disposal of dredged material from navigational dredging		
<i>J</i>	<i>Coastal change</i>		
J1	Siltation		
J2	Creation of artificial coastline structures (sea defences, port and harbour construction, etc.)		
J3	Land reclamation (including changes to Ramsar Convention wetlands)		
<i>K</i>	<i>Maritime transport</i>		
K1	Maritime freight movement (particularly tonnage)		
K2	Maritime traffic (particularly numbers of ship movements)		
K3	Discharges and emissions from normal operation of vessels (as covered by MARPOL)		
K4	Pressures on the marine environment from maritime catastrophes (shipwrecks, groundings and collisions)		
K5	Impacts on other human activities from maritime catastrophes (shipwrecks, groundings and collisions)		
<i>L</i>	<i>Land-based development</i>		
L1	Pressures from urban and industrial development		
L2	Pressures from agricultural development (including forestry and horticulture)		
L3	Coastal tourism activities: environmental aspects (scale and pressure on the marine environment)		

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	ISSUES RELATED TO INTER-RELATIONS BETWEEN HUMAN ACTIVITIES AND THE MARINE ENVIRONMENT	Data-based assessment(s) for much or all of the region	Data-based assessment(s) for only some parts of the region
L4	Coastal tourism activities: social and economic aspects (such as economic value and employment)		
M	<i>Other</i>		
M1	Marine litter		
M2	Other pressures from human activities on the marine environment covered by the assessment (please mention the types of human activities covered)		
M3	Other impacts on humans from changes in the environment covered by the assessment (please mention the types of human activities covered)		

Where impacts on humans are covered, please identify any cases where the most vulnerable groups or areas are identified.

Please add any further comments that are necessary to give a good but brief impression of the thematic coverage of regional

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