

ICES WGMPCZM



Working Group **M**arine **P**lanning and **C**oastal **Z**one **M**anagement

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History:

- SG ICZM in 2003
- WG ICZM in 2006
- WGMPCZM in 2011
- Multi-Annual ToRs for 2014 - 2016

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Membership:

- more than 50 members (incl. chair-invited), representing 12 ICES Member States
- on average about 16 participants per annual meeting, core of active members who attend regularly
- transdisciplinary (natural and social scientists and representatives from planning authorities)
- involvement of additional experts in specific WGs

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Working mode:

- generally broad range of topics, but focused in work plan, conceptual discussions and examples instead of data analysis, exchange of experiences
- WGs for specific topics, invitation of additional experts
- CRRs with the idea of providing guidance for practitioners

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Cross-cutting topics:

- inclusion of risk management approaches in MSP and EBM
- processes of MSP and EBM including role of scientific advice
- inclusion of cultural dimensions in MSP and EBM

Risk Management

- Session on Risk Management in ICZM at ASC in 2010
- CRR No. 317: Marine and coastal ecosystem-based risk management handbook (2013)
- CRR No. 320: Risk Management in ICZM (2013)
- WKRASM 2014 (Amsterdam): Joint Rijkswaterstaat/ DFO/ICES Workshop: Risk Assessment for Spatial Management
- 1 CRR (approved) and scientific publication in preparation

MSP processes

- WKQAMSP 2012 (Bedford): Joint DFO/KnowSeas/ICES Workshop on Quality Assurance of scientific and integrated management processes for use in Marine Planning and Coastal Zone Management
- Session on Multidisciplinary perspectives in the use (and misuse) of science and scientific advice in Marine Spatial Planning at ASC in 2012
- 2 CRRs in preparation (approved)

Cultural Dimensions

- WKCES 2014 (Geesthacht): Joint HZG/LOICZ/ICES Workshop: Mapping Cultural Dimensions of Ecosystem Services
- 1 CRR (approved) and scientific publication in preparation
- follow-up projects in UK and Canada with WK members

Cultural Dimensions

Moving beyond mapping -> ICES WKCES criteria for determining cultural significance:

- Cultural uniqueness
- Broad cultural/community reliance
- Importance of the feature to the resilience of the social-ecological system
- Degree of tradition
- Dramatic cultural change

Cultural Dimensions

Attributes to consider: -> from criteria towards risk management:

- **Location/spatial extent**
- **Temporal scale**
- **Environmental quality** (qualities outside the area that nevertheless determine its significance)
- **Relevance to particular social groups and risk of resistance and non-cooperation**

ToRs 2014-2016 (1)

- Activities in MSP, ICZM and EBM in ICES Member States (review paper in 2016), general ToR
- Approaches and methods to develop and incorporate thresholds of acceptable environmental (social and ecological) change in the context of MSP processes (WKRASM 2014, CRR in 2015/2016, review paper in 2016), includes cumulative effects and policy analysis

ToRs 2014-2016 (2)

- Typology of conflicts in MSP, ICZM and EBM, information needs for analysis and instruments to address conflicts (CRR on WKQAMSP in 2012, CRR on WKCES in 2015, review papers on typology in 2016)
- Training in Marine Spatial Planning (ICES Training Course in 2014, support for the further development of the gaming simulation MSP Challenge 2011/2050)

ToRs 2014-2016 (3)

- Conceptual support for the ICES Data Centre to develop a strategy to source and present key datasets in support of MSP/ICZM activities (review data requirements, support for development of an activity program)
- BUT: WGMPCZM does not provide data sets and data analysis as other ICES groups do

Knowledge Transfer

- Relevance of cultural dimensions presented from the German research project „Coastal Futures“ lead to mapping and assessment of cultural topics in coastal planning in Canada
- Risk assessment concepts from Canada based on ISO approaches discussed in WGMPCZM from a European perspective
- Process related conceptual discussions, e.g. how to incorporate social and natural science data in planning (e.g. WKCES)