

Joint CIESM/ICES Workshop on Mnemiopsis Science (JWMS)

2013/2/SSGHIE11 The Joint CIESM/ICES Workshop on *Mnemiopsis Science* (JWMS), chaired by Sophie Pitois*, UK (ICES) and Tamara Shiganova*, Russia (CIESM), will meet in La Coruna, Spain, 18–20 September 2014 (back-to-back with the ASC) to:

- a) Review and discuss the latest knowledge regarding the biogeography and ecology of *Mnemiopsis leidyi* and of its predator *Beroe* spp;
- b) Compile existing knowledge on spatio-temporal occurrence in areas where *M. leidyi* is already established across the ICES-CIESM sea basins. By identifying and geo-locating the likely vectors of introduction, establish which areas are most at risk and where it is likely to be established next.
- c) Compare environment-specific parameters used for modelling potential habitat and population dynamics of *M. leidyi* across different sea basins. Discuss the potential sea-basin specific physiological adaptations;
- d) Review the molecular genetic techniques that have or could potentially be used to study this species. Discuss sampling techniques used and the need for a standard protocol;
- e) Review the environmental and socio-economic consequences of *M. leidyi* in areas that have already been affected;
- f) Outline future research needs/next steps and identify management measures.

JWMS will report by 31 October 2014 to WGITMO, SSGHIE and SCICOM.

Supporting information

Priority	High. The workshop builds on the Memorandum of Understanding (MoU) between CIESM and ICES (of 30 August 2012) and was identified as the first joint action by the ' Consultation meeting on non-native species cooperation between ICES and CIESM (held on 19 December 2013)'.
Resource requirements	No specific resource requirements beyond the need for members to prepare for and participate in the meeting.
Participants	The meeting will be attended by around 20 specialists jointly selected by ICES and CIESM from a variety of marine science disciplines (incl. hydrology, molecular biology, ecology, and marine economics).
Secretariat facilities	Not exceeding the usual requirement
Financial	No financial implications
Linkages to ACOM and groups under ACOM	Potential links to some assessment and advisory groups (e.g. WGECCO)
Linkages to other committees or groups	The work directly links to WGITMO and WGBOSV, but also to WGZE, WGCAMEDA, WGINOSE, WGIPEM, WGIMT
Linkages to other organizations	OSPAR, Barcelona Convention, Black Sea Convention