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Theme Session Q

Physical and biological consequences of North Atlantic circulation patterns

Conveners: Ken Drinkwater (Norway), Cesar Gonzalez-Pola (Spain), Olafur Astthorsson (Iceland), and Seth Danielson (PICES, USA)

CM Code	Oral Presentations	
Q: 01 Oral	Title:	Ramifications of a longitudinally shifting Aleutian Low
	Authors:	Seth Danielson
	Keywords:	Bering Strait, Aleutian Low, Subarctic-arctic exchange
Q: 02 Oral	Title:	On the role of East Greenland waters on the seasonal variability of the hydrography of the West Greenland Shelf
	Authors:	Ken Drinkwater
	Keywords:	West Greenland, East Greenland, temperature, salinity, advection, seasonal variability
Q: 03 Oral	Title:	Climatic variation in North Atlantic as a key factor in variability of salinity patterns in the Baltic Sea
	Authors:	G. Chernega
	Keywords:	climatic variation, periods of zonal and meridional circulation, North Atlantic, Baltic Sea, water salinity
Q: 04 Oral	Title:	What drives the spreading pattern of the Mediterranean Outflow Water (MOW) in the eastern Gulf Of Cadiz, SW Iberian Peninsula?
	Authors:	Ricardo F. Sanchez-Leal*, Maria Jesus Bellanco-Esteban, Jose Carlos Sanchez-Garrido, Manuel Ruiz-Villarreal, Cesar Gonzalez-Pola
	Keywords:	MOW, Gulf of Cádiz, NACW, Mesoscale, Topography, LADCP, CTD
Q: 05 Oral	Title:	The northeastern Chukchi Sea: A complex high-latitude ecosystem
	Authors:	Thomas J. Weingartner, R. H. Day, R. R. Hopcroft, A. L. Blanchard, A.E. Gall, D. E. Hannay, J. M. Mathis, B. L. Norcross, J. M. Questel, B. M. Hollada
	Keywords:	Chukchi Sea, arctic shelf ecosystem structure and function
Q: 06 Oral	Title:	Prediction of silver hake distribution on the Northeast U.S. shelf based on Gulf Stream path index
	Authors:	Xujing Jia Davis, Terrence M. Joyce, Young-Oh Kwon
	Keywords:	Gulf Stream path, silver hake distribution, Autoregressive model prediction, Northeast U.S. Shelf
Q: 07 Oral	Title:	Interdecadal variations in the inorganic phosphorus content in the Atlantic Water and their possible impact on commercial resources of the Barents Sea
	Authors:	Oleg V. Titov
	Keywords:	inorganic phosphorus, Barents Sea, advection



CM Code	Oral Presentations
Q: 08 Oral	<p>Title: How environmental conditions affect recruitment of King scallop (<i>Pecten maximus</i>) population in the Bay of Seine (Eastern English Channel, France)?</p> <p>Authors: Eric FOUCHER and Edouard DUHEM</p> <p>Keywords: King scallop, <i>Pecten maximus</i>, Recruitment, English Channel, Climate indices</p>
Q: 09 Oral	<p>Title: Variability in the length weight relationship and maturity_at_length of sardine <i>Sardine pilchardus</i> during the early spawning period (1992-2013)</p> <p>Authors: M.B. Santos, P. Diaz, R. Gonzalez-Quirós, S. Cranwell, G.J.Pierce</p> <p>Keywords: sardine, length-weight relationship, interannual variability, GAMs</p>
Q: 10 Oral	<p>Title: Modelling the future biogeography of North Atlantic zooplankton communities in response to climate change</p> <p>Authors: Ernesto Villarino, Guillem Chust, Priscilla Licandro, Momme Butenschön, Leire Ibaibarriaga, Markus Kreuz, Aitor Larrañaga, Xabier Irigoien</p> <p>Keywords: zooplankton, GAM, climate change, <i>Calanus</i>, habitat suitability</p>
CM Code	Posters
Q: 11 Poster	<p>Title: Upwelling Index as a regional climatic index in the NW Iberian Peninsula</p> <p>Authors: José Manuel Cabanas, Gonzalo González-Nuevo, Jesús Gago and Águeda Cabrero</p> <p>Keywords: Upwelling index, NW Iberian shelf, climatic indices, oceanography, circulation</p>
Q: 12 Poster	<p>Title: Long-term environmental variability in NW Iberian waters: influence over pelagic and demersal fish stocks</p> <p>Authors: José Manuel Cabanas, Águeda Cabrero, Jesús Gago, Gonzalo González-Nuevo</p> <p>Keywords: environmental variability, regime shifts, fish stock dynamics</p>
Q: 13 Poster	<p>Title: Mediterranean Outflow Water in the eastern Gulf of Cadiz: pathways and seasonal variability.</p> <p>Authors: Maria Jesus Bellanco Esteban* M.J. Bellanco Esteban and R. F. Sánchez-Leal</p> <p>Keywords: Gulf of Cadiz, MOW, pathways, dynamics.</p>
Q: 14 Poster	<p>Title: Patterns and trends in cetacean strandings on the Galician coast and their relationship with oceanography and fishing effort.</p> <p>Authors: Camilo Saavedra, Águeda Cabrero, José Cedeira, Santiago Cerviño, Jesús Gago, Gonzalo González-Nuevo, Alfredo López, Graham J. Pierce, Fiona Read, M. B.</p> <p>Keywords: Oceanography, strandings, common dolphin, abundance</p>