

Theme Session C

Climatic variability in the ICES area – 2000–2005 in relation to previous decades: physical and biological consequences

Conveners: Alicia Lavín (Spain) and Philip (Chris) Reid (UK)

Agenda and Order of the Day

Thursday 21 September 10.00–12.30 (Auditorium 2)

Thursday 21 September 13.30–15.30 (Auditorium 2)

Thursday 21 September 16.00–18.00 (Auditorium 2)

		Time
1.	Opening and Introduction	10.00–10.05
2.	Presentation of papers	
	<i>Code Author(s) and title</i>	
C:25	<i>N. Penny Holliday, Sarah Hughes, Sheldon Bacon, and members of the ICES Working Group on Oceanic Hydrography: Recent warming and salinification of the North Atlantic Ocean as observed by standard sections</i>	10.05–10.25
C:11	<i>Fabienne Gaillard and Emmanuelle Autret: Interannual variability of the North-Atlantic: space and time characterization of the temperature and salinity properties</i>	10.25–10.40
C:03	<i>M. F. de Jong and H. M. van Aken: Variability and possible convective mixing in the Irminger Sea</i>	10.40–10.55
C:22	<i>Øystein Skagseth, Kjell Arne Mork, and Harald Loeng: Variations in the cascading of Barents Sea bottom water to the Norwegian Sea</i>	10.55–11.10
C:09	<i>Rainer Feistel, Günter Nausch, and Eberhard Hagen: Response of Baltic water properties to the unusual inflow sequence since 2002</i>	11.10–11.25
C:28	<i>Glenn Nolan and Kieran Lyons: Ocean climate variability on the western Irish Shelf, an emerging time series</i>	11.25–11.40
C:27	<i>Ricardo F. Sánchez, Manuel Ruiz-Villareal, César González-Pola, Guillermo Díaz del Río, José Manuel Cabanas, Juan Alonso, Carmen Rodríguez, Nicolás González, and Alicia Lavín: Hydrological variability of intermediate water masses in the eastern North Atlantic and in the Bay of Biscay during 2003–2005 and comparisons with historical data</i>	11.40–11.55
C:26	<i>César González-Pola, A. Lavín, R. Somavilla, and M. Vargas-Yañez: Central water masses variability in the southern Bay of Biscay from early 90's. The effect of the severe winter 2005</i>	11.55–12.10
C:16	<i>Victor Valencia, A. Fontán, A. Borja, and N. Goikoetxea: Oceanometeorological conditions in the SE Bay of Biscay for the period 2001–2005. A comparison with the period 1986-2005 and other reference periods</i>	12 10-1225
	Discussion	12.25–12.30
	Lunch break	12.30–13.30

C:14	<i>Tom Rossby, Vladimir Ozhigin, Victor Ivshin, and Sheldon Bacon:</i> Isopycnal analysis of near-surface waters in the Norwegian-Barents sea region	13.30–13.45
C:01	<i>Ralf Weisse and Hans von Storch:</i> Storm climate and related marine hazards in the Northeast Atlantic and the North sea	13.45–14.00
C:02	<i>Harald Yndestad:</i> Possible lunar tide effects on climate and ecosystem variability in the Nordic Seas and the Barents Sea	14.00–14.15
C:23	<i>W. Paul Budgell, Lars Asplin, Vidar S. Lien, and Einar Svendsen:</i> Development of a Global Hindcast Archive of ocean and ice conditions 1958–2004 with a focus on the North Atlantic and Arctic	14.15–14.30
	Discussion	14.30–14.45
C:08	<i>Marcos Llope and Ricardo Anadón:</i> Linear and non-linear trends driving the hydrography of the southern Bay of Biscay and its effects on phytoplankton	14.45–15.00
C:07	<i>Antonio Bode, M. Teresa Alvarez-Ossorio, J. Manuel Cabanas, Carmela Porteiro, Manuel Ruiz-Villarreal, M. Begoña Santos, M. Bernal, Luis Valdés, and Manuel Varela:</i> Recent changes in the pelagic ecosystem of the Iberian Atlantic in the context of multidecadal variability	15.00–15.15
	Discussion	15.15–15.30
	Coffee break	15.30–16.00
C:04	<i>Laura Uusitalo, S. Kuikka, P. Kauppila, P. Söderkultalahti, and S. Bäck:</i> Bayesian impact analysis of geographical environmental factors: predicting the effects of climatic change and water quality management on fish productivity	16.00–16.15
C:18	<i>Kevin D. Friedland, Michael J. Miller, and Brian Knights:</i> Ocean-climate change, regime shifts and possible impacts on the recruitment of the European eel, <i>Anguilla anguilla</i>	16.15–16.30
C:19	<i>Ute Daewel, Myron A. Peck, Michael A. St. John, and Corinna Schrum:</i> Investigating the effect of changing environmental factors on spatial and temporal variability in larval sprat growth and survival in the North Sea	16.30–16.45
C:06	<i>J. A. Lindley, R. R. Kirby, D. G. Johns, and P. C. Reid:</i> Exceptional abundance of the snake pipefish (<i>Entelurus aequoreus</i>) in the north-eastern Atlantic Ocean	16.45–17.00
C:17	<i>Cindy J. G. van Damme and A. S. (Bram) Couperus:</i> Mass occurrence of snake pipefish: result of a change in climate?	17.00–17.15
C:20	<i>O. S. Astthorsson and J. Palsson:</i> New fish records and records of rare southern species in Icelandic waters in the warm period 1996–2005	17.15–17.30
C:15	<i>César Meiners, L. Fernández, P. Torres, and A. Ramos:</i> Climate variability and recruitment success of European hake (<i>Merluccius merluccius</i> L.) in NW Africa	17.30–17.45
	Discussion and closing	17.45–18.00

Posters

- C:12 *Alexander Sirota, G. Chernega, and S. Kuderskiy*: Climatic trends in the North Atlantic and their consequences for the Canary Upwelling region
- C:29 *Vladimir Boitsov, E. Orlova, and V. Nesterova*: Oceanographic factors influencing the formation of zooplankton biomass in the central latitudinal zone of the Barents Sea
- C:30 *Henk H. L. Heessen and Jim R. Ellis*: New species in the North Sea
- C:31 *Marat A. Bogdanov and Y. N. Tananaeva*: The peculiarities of the interannual variability in temporal alterations of the cold and warm seasons and their duration in the Norwegian, Greenland, and Barents Seas
- C:32 *Anda Ikauniece*: Changes in the cladoceran community as an indicator of climatic variability in the Gulf of Riga, NE Baltic Sea
- C:33 *Asta Gudmundsdottir and Thorsteinn Sigurdsson*: Fishery and distribution of the Icelandic summer spawning herring since its recovery in 1970's
- C:34 *E. M. Karasiova*: Current changes of key environment factors contribution into the Baltic sprat reproductive success as compared to the previous decades
- C:35 *Nicolás González, Menchu Rodríguez, Juan Alonso, Alicia Lavín, Manuel Ruiz Villarreal, César González-Pola, Ricardo Sánchez Francisco Plaza, Guillermo Díaz Del Río, J. M. Cabanas, and R.C. Jueguen*: Temporal series observations of water masses off Cape Finisterre North West of Spain
- C:36 *Randi Ingvaldsen, Harald Loeng, and Vidar Lien*: Climate variability in the Barents Sea 2000–2005
- C:37 *Héðinn Valdimarsson, Steingrímur Jónsson, and Höskuldur Björnsson*: Climatic variability in Icelandic waters and potential effects on biota
- C:38 *Sara L. Hughes, Penny Holliday, and Sheldon Bacon*: The ICES Annual Ocean Climate Status Summary 2005: Prepared by the ICES Working Group on Oceanic Hydrography
- C:39 *Jan Aure, Didrik S. Danielssen, and Einar Svendsen*: Climatic changes in the deep Norwegian Coastal waters and Skagerrak 2000–2005 in relation to previous decades