

Theme Session on Cod in a Changing Climate (AA)

Conveners: Keith Brander, ICES, Denmark and Ken Drinkwater, Norway

Agenda and Order of the Day

Friday 23 September 10.30–18.00 (Boyd Hall)

	Time
1. Opening	10:30
2. Introduction	
3. Presentation of Papers	
<i>Code Author(s) and title</i>	
AA:17 <i>Brian J. Rothschild and Svein Sundby: History of cod and climate research in the North Atlantic – past, present, and future</i>	10.30
AA:19 <i>Gudrun Marteinsdottir, Daniel Ruzzante, and Einar Eg Nielsen: History of the North Atlantic cod stocks</i>	10.50
AA:12 <i>Ken Drinkwater and H. Loeng: Physical oceanography of Atlantic cod habitats</i>	11.10
AA:10 <i>Mike Heath and Greg Lough: A review of the biological oceanography of cod early life stages</i>	11.30
AA:18 <i>L. J. Buckley, J.-D. Dutil, and C. T. Marshall: Growth, condition and production of cod in a changing climate</i>	11.50
AA:09 <i>P. Pepin and H.-H. Hinrichsen: An overview of the state of knowledge of the transport of cod eggs and larvae</i>	12.10
Lunch break	12.30
AA:15 <i>Fritz Köster, Michael J. Fogarty and Anne Johanne Tang Dalsgaard: Cod recruitment and climate change – a comparative approach</i>	13.30
AA:05 <i>Geir Ottersen and Douglas P. Swain: The impact of climate on distribution and migration of Atlantic cod (<i>Gadus morhua</i>)</i>	13.50
AA:20 <i>Jason Link, Bjarte Bogstad, Henrik Sparholt, and George Lilly: The role of cod in the ecosystem</i>	14.10
AA:13 <i>Ken Drinkwater: The response of Atlantic cod (<i>Gadus morhua</i>) to future climate change</i>	14.30
AA:03 <i>Lawrence C. Hamilton: The human dimensions: demographic impacts of fisheries decline</i>	14.50
AA:06 <i>Keith Brander: Relevance of the Cod and Climate Change programme to the assessment and management of cod stocks</i>	15.10
Coffee break	15.30

AA:07	<i>Hans-Joachim Rätz, Christoph Stransky, and Josep Lloret: Abundance, condition and growth of Atlantic cod (<i>Gadus morhua</i> L.) off Greenland 1982–2004</i>	16.00
AA:14	<i>V. Buehler and F. J. Jochem: How an oscillating environment may influence cod (<i>Gadus morhua</i>) growth and survival during the initial stages and possible consequences to the future recruitment</i>	16.12
AA:02	<i>Matthias Schaber, Daniel Stepputtis, Hans-Harald Hinrichsen, and Gerd Kraus: Distribution of adult cod (<i>Gadus morhua</i> L.) in the Central Baltic Sea in relation to hydrographic conditions based on hydro-acoustic single-fish detection</i>	16.24
AA:01	<i>Joël M. Durant, Dag Ø. Hjermann, Nils Chr. Stenseth, and Grégory Beaugrand: Match-mismatch and threshold in the North Sea cod recruitment</i>	16.36
AA:04	<i>C.J. Fox, on behalf of the PGECCS/PLACES consortium: Results from the 2004 ichthyoplankton survey of the North Sea</i>	16.48
AA:11	<i>Lorenzo Ciannelli, G. E. Dingsør, G. Ottersen, B. Bogstad, H. Gjøsæter, K. S. Chan, and N.C. Stenseth: Nonadditive survival of the Barents Sea cod during early life stages</i>	17.00
AA:16	<i>Anne Maria Eikeset, Dag Ø. Hjermann, Erin Dunlop, Nils Chr. Stenseth, Geir Ottersen, Esben M. Olsen, and Ulf Dieckmann: Fisheries-induced evolution in the North-east Arctic cod</i>	17.12
AA:08	<i>S. Holmes and P. Wright: Regional variability in cod dynamics in the North Sea and West of Scotland and its implications to management</i>	17.24
AA:22	<i>Dag Ø. Hjermann, Anne Maria Eikeset, Geir Ottersen, and Nils Christian Stenseth: Climatic effects filtered through the food web affect the dynamics of Arcto-Norwegian cod</i>	17.36
	Final discussion	17.48

Posters

AA:21	<i>E. Júlíusson: Recruitment and stock size for some cod stocks</i>
AA:23	<i>Victor L. Tretyak: Adaptive relation between life cycle parameters of Northeast Arctic cod</i>