

Theme Session N
Resilience and marine ecosystem services

Conveners: Sebastian Villasante (Spain), Gonzalo Macho (Spain), and Stephanie Stefanski (USA)

Agenda and Orders of the Day for:

Thursday 18 September 2014, 17:30–19:00 – Modular Room 6

Friday 19 September 2014, 09:00–17:00 – Modular Room 6

- 1) Opening and introduction 17:30
- 2) Appointment of rapporteur
- 3) Presentation of papers

CM Code	Time
THURSDAY 18 SEPTEMBER 2014, 17:30–19:00 – Modular Room 6	
N: 01 Oral	<p>Title: Evaluating ecosystem services: Starting at the bottom of the food-chain? 17:45</p> <hr/> <p>Authors: Jacqueline F. Tweddle, Rory O’Hara Murray, Beth Scott, and Matthew Gubbins</p> <hr/> <p>Keywords: ecosystem services, primary production, marine renewables, marine management</p>
N: 02 Oral	<p>Title: 100 years of Baltic Sea changes 18:00</p> <hr/> <p>Authors: Anna Luzencyk and Maciej T. Tomczak</p> <hr/> <p>Keywords: flounder, Baltic Sea, global change</p>
N: 03 Oral	<p>Title: Quantification of environmental externalities in the utilization of ecosystem services – a long-term perspective on trade-offs in fisheries in the southern North Sea 18:15</p> <hr/> <p>Authors: Heino O. Fock, Matthias Kloppmann, and Vanessa Stelzenmüller</p> <hr/> <p>Keywords: ecosystem services, ecological risk assessment, fisheries impacts, ecosystem state</p>
N: 04 Oral	<p>Title: Of sets of offsets: cumulative impacts and strategies for compensatory restoration 18:30</p> <hr/> <p>Authors: Olivier Thébaud, Fabio Boschetti, Sarah Jennings, Anthony D. M. Smith, and Sean Pascoe</p> <hr/> <p>Keywords: biodiversity offsets, compensatory restoration, cumulative impacts, habitat-resource interactions, bioeconomic modelling, social acceptability, coastal and marine ecosystem resilience</p>
N: 05 Oral	<p>Title: Fish production, livelihoods and environmental challenges in some coastal communities of Nigeria and Sierra Leone 18:45</p> <hr/> <p>Authors: Paul Bangura, Yemi Akegbejo-Samsons, and Abdul W. O</p> <hr/> <p>Keywords: environmental, fish</p>

FRIDAY 19 SEPTEMBER 2014, 09:00–17:00 – MOD

N: 06 Oral	Title: Quantifying the value created from research surveys	09:00
	Authors: Raúl Prellezo and Rogelio Pozo	
	Keywords: value creation, ecosystem services, uncertainty, Bayes, research surveys	
N: 07 Oral	Title: Eco-HCRs: Bringing the environmental dimension into Harvest Control Rules for marine fisheries management	09:15
	Authors: Dorothy J. Dankel, Anne Maria Eikeset, Geir Ottersen, Mette Skern-Mauritzen, Sondre Aanes, and Olav S. Kjesbu	
	Keywords: environmental data, NAO, salinity, temperature, population growth rates, harvest control rules, NEA cod, modelling	
N: 08 Oral	Title: Resilience of the trophic cascades in the Black Sea and Baltic Sea regime shifts	09:30
	Authors: Marcos Llope, Thorsten Blenckner, Georgi Daskalov, and Nils Chr. Stenseth	
	Keywords: regime shifts, trophic control, marine food webs	
N: 09 Oral	Title: Fishermen prioritization of sustainable management strategies	09:45
	Authors: Julia Touza, Julia Torralba, Jose Maria Da Rocha, Javier Garcia Cutrin, Paz Sampedro, Rosa Mato Amboage, Dorleta Garcia, Raul Prellezo, and Santiago Cervi	
	Keywords: stakeholder preferences, survey design, harvesting tradeoffs	
N: 10 Oral	Title: An ecosystem approach to Portuguese mixed fisheries	10:00
	Authors: Inês Cardoso, Teresa Moura, Hugo Mendes, Cristina Silva, Manuela Azevedo, and Alberto Murta	
	Keywords: mixed fisheries, multi-species, technical interactions, biological interactions, ecosystem scale	
N: 11 Oral	Title: Drawing and deconstructing scientific knowledge: validating LEK in designing of coastal space through Marine Reserve of Fishing Interest Ría de Cedeira (NW Spain)	10:15
	Authors: Duarte Fernández-Vidal, Patricia Verísimo, Antonio García-Allut, and Juan Freire	
	Keywords: local ecological knowledge (LEK); design; participation; validation; marine reserves of fishing interest	
BREAK		
N: 12 Oral	Title: Mapping ecosystem goods and services provided by benthic habitats in the European North Atlantic Ocean	11:00
	Authors: Ibon Galparsoro, Angel Borja, and María C. Uyarra	
	Keywords: ecosystem services, benthic habitat, regional seas, Marine Strategy Framework Directive, habitat classification	
N: 13 Oral	Title: Understanding links between fisheries and seagrass meadows through mapping the spatial and social distribution of marine uses in San Simón Bay (NW Spain)	11:15
	Author: Leticia Bas Ventín	
	Keywords: Spatial and social distribution of marine activities, fisheries, seagrass meadows, Natura 2000 Network, ecosystem services	

N: 14 Oral	Title: Cooperation, trust and social networks improve social welfare of fishing communities in Peninsula Valdés (Argentina)	11:30
	Authors: Sebastian Villasante, Gonzalo Macho, and Ines Elias	
	Keywords: ecosystem services, small-scale fisheries, South Patagonia	
N: 15 Oral	Title: Ecosystem valuation, synergies and trade-offs of marine social-ecological systems in South Patagonia (Argentina)	11:45
	Authors: Sebastian Villasante, Gonzalo Macho, and Ines Elias	
	Keywords: cooperation, ecosystem services, small-scale fisheries	
N: 16 Oral	Title: Quantifying ecological resilience in shifting complex natural systems: an application on Barents Sea cod	12:00
	Authors: Paris Vasilakopoulos and C. Tara Marshall	
	Keywords: fold-bifurcation, <i>Gadus morhua</i> , resilience assessment, stability landscape, tipping point	
N: 17 Poster	Title: The ICES Working Group on Comparative Analyses between European Atlantic and Mediterranean marine ecosystems – a new effort towards developing Ecosystem-based Fisheries Management (WGCOMEDA)	12:15
	Authors: M. Hidalgo, M. Coll, H. Hinz, I.C. Catalán, J. Claudet, M. Demestre, M. Giannoulaki, J.J. Heymans, F. Le Loch, M. Lindegren, C. Möllmann, A. Muntadas, J. Navarro, P. Olivar, J. Otero, I. Palomera, C. Piroddi, J. Steenbeek, K. Tsagarakis, and other WGCOMEDA participants	
	Keywords: comparative analyses, ecosystem-based management, ecosystem functioning, environmental influence, fishing impact, forage species, resilience ecology, WGCOMEDA	
N: 18 Poster	Title: Stability and resilience in marine communities confronting fisheries disturbances: an allometric approach	12:17
	Authors: Paúl Gómez-Canchong and Renato A. Quiñones	
	Keywords: balanced harvesting, biomass size spectra, overexploited alternate regime	
	Discussion	12:19
	LUNCH	
	End of session	17:00