

# Program Oceans Past III

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## Session 1

Chair: Tim Smith

*Alison MacDiarmid*: Changes to a temperate coastal and shelf ecosystem from first human settlement to the present day

*Andrea Gaynor*: Shifting baselines or shifting currents? An environmental history of fish and fishing in the south-west capes region of Western Australia

*Tyler D Eddy and Jonathan PA Gardner*: Marine reserves as a tool to understand the interaction between humans and marine animal communities in New Zealand

## Session 2

Chair: Sasa Raicevich

*Maja Krželj, Aniello Russo, Corrado Piccinetti, Nedo Vrgoč, Svjetlana Krstulović Šifner*: Analysis of ecological time series in the Adriatic Sea and observed long-term changes

*Tomaso Fortibuoni, Simone Libralato, Marianna Bullo, Otello Giovanardi, Cosimo Solidoro, Ruthy Gertwagen and Saša Raicevich*: The exploitation and status of marine resources in the Northern Adriatic Sea (Mediterranean) over the last two centuries. An ecological perspective

*J.E. Cartes, F. Maynou, E. Fanelli*: Nile damming as possible cause of extinction and long-term changes in deep-sea Mediterranean communities over broad spatial scales

## Session 3

Chair: Brian MacKenzie

*Inge Bødker Enghoff, Vedat Ediger, Brian R. MacKenzie, Birger Larsen*: Snapshots of past fish faunas: paleo-oceanographic perspectives from the Baltic and Black Seas

*Therkildsen, N. O., Hemmer-Hansen, J. and Nielsen, E. E.*: Using historical DNA to study fisheries-induced genetic change in commercial fish stocks

*David Orton, Cluny Johnstone, Jennifer Harland, Tessa de Roo, Wim Van Neer, Anton Ervynck, Anne Karin Hufthammer, Daniel Makowiecki, Alison Locker, Sheila Hamilton-Dyer, Dirk Heinrich, Inge Bødker Enghoff, Colin Amundsen, Andrew K. G. Jones, Leif Jonsson, Lembi Lõugas, Peter Pope, Tamsin O'Connell, Michael Richards, Brian MacKenzie and James Barrett*: Stable Isotopes and Cod Fishing: Methodological Considerations and Preliminary Evidence for Human Impact on Marine Ecosystems

## Session 4

Chair: Margit Eero

*Henn Ojaveer, Brian R. MacKenzie and Margit Eero*: One decade of the Baltic HMAP regional case study: known, unknown and unknowable

*Dmitry L. Lajus, Yaroslava I. Alekseeva, Zoya V. Dmitrieva, Alexei V. Kraikovski, Julia A. Lajus*: Changes in population abundance of Atlantic salmon in the White and Barents sea area in the 17-20<sup>th</sup> centuries

*Brian R. MacKenzie, Karen E. Alexander, William B. Leavenworth, Stefan E. Claesson, Margit Eero, Henn Ojaveer, W. Jeffrey Bolster*: Northwest Atlantic Swordfish and Baltic Cod: new historical evidence and new management insights

## Session 5

Chair: A. MacDiarmid

*John N. Kittinger; Jonathan H. Blodgett; Terry L. Hunt; Hong Jiang, Kepā Maly; Loren McClenachan; Jennifer K. Schultz; Bruce A. Wilcox and John M. Pandolfi:* Historical reconstruction reveals recovery in Hawaiian coral reefs

*Angela Mead, Charles Griffiths:* Climate and bioinvasions: Drivers of long-term community change along the South African coast?

*Louise Blight:* Long-term declines in glaucous-winged gull egg and clutch size: a response to environmental change?

## Session 6

Chair: Tim Smith

*Maynou, F., M. Sbrana, P. Sartor, C. Maravelias, S. Kavadas, D. Damalas, F. Colloca, J. E. Cartes, G. :* Estimating trends of population decline in dolphins and sharks in the Mediterranean Sea through fishermen perception

*Tim D Smith and others:* Quarrying Whales: A Global Perspective on the Regional Effects of Pre-20<sup>th</sup> Century Commercial Whaling

*Cristina Brito:* Shore-based whaling in Portugal: A nine centuries old history

## Session 7

Chair: Bo Poulsen

*P. Sartor, J. Cartes, D. Damalas, F. Ferretti, S. Kavadas, C. Osio, C. Maravelias, F. Maynou:* Changes in demersal species composition and size over the past 50 years in the Mediterranean

*Giacomo Chato Osio, A.A. Rosenberg, P. Sartor, F. Maynou, C. Bas:* Historical reconstruction of 300 years of demersal trawling in the Mediterranean Sea and estimates of historical stock abundance from trawlers CPUE's

*Ruthy Gertwagen:* Reconstructing long *durée* changes in marine species and biodiversity in the Mediterranean and Black Sea – A Synthesis

## Session 8

Chair: David J. Starkey

*Margit Eero and Brian R. MacKenzie,* Historical fish biomasses based on surplus production rates — a potential to expand a window into the past ecosystems

*Tomczak M, T., Eero, M., MacKenzie, B. R., Niiranen, S., Blenckner, T.,* Changes in the Central Baltic Sea Ecosystem During the 20th Century

*E. Klein,* Dynamic marine ecosystems: Connecting the past with the present via ecosystem modeling and time series analysis

## Session 9

Chair: Anne Marboe

*Lescauwaet Ann-Katrien, Heidi Debergh, Bart Vanhoorne, Annelies Scholaert, Liesbeth Lyssens, Nathalie De Hauwere, Francisco Hernandez and Jan Mees,* Fishing in the past: Historical data and Information on Sea Fisheries in Belgium 'on-line'

*Michaela Barnard & John H. Nicholls*, Data Management, Modelling, and Visualization in Marine Ecology  
*Scott Woodruff, Catherine Marzind, Stefan Claesson, Eric Freemant and Clive Wilkinson*, Rescue and management of historical marine data relevant to biological and climate applications

## Session 10

Chair: Alison MacDiarmid

*Daniel Alexandrov et al.*, Social practices of the use of common resources in the Russian North and the sustainability of socio-ecological systems

*Anne Lif Lund Jacobsen*, Managing trawling on the south-east continental shelf of Australia, 1865 to 1961

*Yuri Artioli, E. Visentin, A. Barausse, C. Mazzoldi*: Which future for elasmobranch in the Northern Adriatic Sea? An answer integrating historical data and predictive models

## Session 11

Chair: Malcolm Tull

*Ernesto Azzurro, Maynou F*: Tracking the advance of thermophilic fishes in the Mediterranean Sea: suitability and congruence of fisher's perceptions. Scientific drawing and fantastic zoology: the project "fishars", a marine bestiario in the XXI century

*Lorelei Crerar*: Georg Wilhelm Steller: the First North Pacific Marine Mammalogist.

*Jo Marie V. Acebes*: Tales of the 'large fish': changing perceptions of marine mammals in the Sulu-Sulawesi Sea.

## Session 12

Chair: Henn Ojaveer

*David J Starkey*. Environmental Representations: Trawling Grounds and Trawling Towns through the Eyes of Trawlermen.

*Julia Lajus*. Fisheries and Fish Resources Across the Borders: the 19<sup>th</sup> Century Fisheries Exhibitions as Places of Cross-Cultural Communication and Exchange of Knowledge.

*Alexei V. Kraikovski*: "It is our special habit" – the Barents Sea cod and the Pomors, 16<sup>th</sup> – 19<sup>th</sup> cc.

## Session 13

Chair: Bo Poulsen

*Bjørn L. Basberg*: The 19<sup>th</sup> Century Antarctic Sealing Industry. Sources, Data and Economic Significance.

*V.Starkov* : Russian Hunting in the Arctic Ocean in the 16-18<sup>th</sup> centuries

*Paul G. K. Rodhouse*: Ecological history of the Southern Ocean: from Cook to CCAMLR

## Session 14

Chair: Michaela Barnard

*James Barrett et al*: Harvesting Distant Seas? The Medieval Development of Commercial Sea Fishing  
*Eleanor Partridge, Callum Roberts*: Effects of exploitation on English Channel wildlife: from medieval whaling to industrial fishing.

*Bo Poulsen, Jelle van Lotum*: Supermen Seeking Silver Darlings –17<sup>th</sup> & 18<sup>th</sup> century human capital levels and fish finding

## Session 15

Chair: Anne Marboe

*Joseph Christensen*: Recreational fishing as a factor in the decline of marine animal populations: examples from Western Australia

*Michelle María Early Capistrán*: Shark Fins and Turtle Leather: Historic Marine Animal Exploitation on Mexico's Southern Pacific Coast.

*Michaela Barnard & Ian Shepherd†*: "Managing Catastrophe: The Owners' Response to the 'Triple Trawler Tragedy' of 1968"

## Session 16

Chair: Brian Mackenzie

*Nigel Haggan*: Marine Ecological History and the Prophetic Imagination

*Malcolm Tull*: Changing Impacts of Small Scale Fisheries in South-East Asia in the Twentieth Century: Insights from HMAP Asia

*Ingo Heidbrink*: Pride and Prejudice – Experiences of a multi-year historical research project on German distant water fisheries.

# Posters

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*Emilio Riginella, Andrea Sambo, Carlotta Mazzoldi*, An open access data-base of historical landing data from Chioggia's fish market (Northern Adriatic Sea)

*Andreia Sousa & Cristina Brito*. Historical strandings of cetaceans on the Portuguese coast: anecdotes, people and naturalists.

*Cristina Picanço, Andreia Sousa, Marina Sequeira & Cristina Brito*, Historical and recent occurrence of seals In Mainland Portugal