



## Programme

### Oceans Past V

including launch of the EU COST Action 'Oceans Past Platform'

Tallinn University, Tallinn, Estonia  
18-20 May 2015



## Sunday 17<sup>th</sup> May

8:00-12:30	Delegates arrive and check-in at own arranged accommodation
12:30-1:30	Own lunch arrangements
1:30-3:30	Tallinn city historical tour. Assembly point Narva Rd. 29
4:00-7:00	Oceans Past Initiative Executive Committee Meeting. University of Tallinn, Narva Rd 29, Astra Building A108
7:00-9.30	Icebreaker party. Uus-Sadama 5

**Monday 18<sup>th</sup> May, Astra Building, Room A108, Narva Road 29**

8:00	<b>Registration desk open in foyer</b>
8:30-9:00	<b>Conference welcome and opening</b> <ol style="list-style-type: none"> <li>1. <b>Prof. Tiit Land</b>, Tallinn University</li> <li>2. <b>Dr. Robert Aps</b>, ICES</li> </ol>
9:00-9:40	<b>Keynote Address 1</b> Chair: Cristina Brito <b>Adriaan D. Rijnsdorp</b> , Ole R. Eigaard, Niels T. Hintzen, Georg H. Engelhard 'The evolution of bottom trawling impact on demersal fish populations and the benthic ecosystem'
9:40-10:40	<b>Session 1: History of fishing in northern temperate waters</b> Chair: Cristina Brito <ol style="list-style-type: none"> <li>1. Peter Jones 'Early Evidence of Overfishing in Scotland's Inshore Waters, ca.1840-1900'</li> <li>2. Robert M. Schwartz 'Fishermen Speak: Sea Fishing and Ecological Awareness in the United Kingdom, 1860-1914'</li> <li>3. Emily S. Klein 'Change in nonlinear dynamics and spatial structure of coastal socio-ecological Systems: the Bay of Fundy as case study'</li> </ol>
10:40-11:10	<b>Tea/coffee break</b>
11:10-12:30	<b>Session 2: Human and other impacts on Baltic Sea ecosystems</b> Chair: Emily Klein <ol style="list-style-type: none"> <li>1. Margit Eero 'Has human-induced eutrophication promoted production of fish in the Baltic Sea?'</li> <li>2. Lembi Lõugas 'Long-lasting human and climate impact on the seal populations in the Baltic by the archaeological and ethnohistorical evidence'</li> <li>3. Włodzimierz Grygiel 'Polish catches of Baltic sprat in the context of sustainable exploitation (1908-2010)'</li> <li>4. Tomczak M.T., Muller-Karulis, B., Eero, M., MacKenzie, B. R., Blenckner, T., Gustafson, B., Otto, S., Luzencyk, A, 'Ecosystem dynamic and shifts in the Central Baltic Sea during the 20th Century'</li> </ol>
12:30-1:30	<b>Lunch</b>
1:30-2:10	<b>Keynote address 2</b> Caitilin de Berigny, 'To See the Sea: Using interactive installation art to visualise scientific data' Chair: Julia Lajus
2:10-3:10	<b>Session 3: Separating the effects of natural drivers from human impacts</b> Chair: Julia Lajus <ol style="list-style-type: none"> <li>1. Alison MacDiarmid 'Large, isolated, late settled islands: potential tests of human impacts on coastal marine ecosystems'</li> <li>2. Joseph Christensen 'Natural disasters in Indo-Pacific fisheries history: examples from the pearling industry'</li> <li>3. <u>Dmitry Lajus</u> and Julia Lajus 'Climate-induced changes in the Barents and White Sea ecosystems during the 18-20<sup>th</sup> centuries'</li> </ol>
3:10-3:40	<b>Tea/coffee break</b>
3:40-4:00	<b>Short oral presentations of posters (2 minutes each x 10 posters)</b>
4:00 – 5:20	<b>Session 4: Case studies of historical change in tropical and temperate ecosystems</b> Chair: Heike Lotze <ol style="list-style-type: none"> <li>1. <u>Sarah M. Buckley</u>, John M. Pandolfi, Erendira Quintana Morales, Levy Otwoma , Victor Mwakha and Tim McClanahan 'Prevent history repeating: identifying historical disappearance to predict contemporary exploited species vulnerable to extinction'</li> <li>2. <u>J. Scott P. McCain</u>, Deneen J. Cull, David C. Schneider, Heike K. Lotze 'Long term shift in inshore fish communities before and after the collapse of Atlantic cod'</li> <li>3. <u>Tyler D. Eddy</u>, Heike K. Lotze, Derek Tittensor, Daniel G. Boyce, Etienne Rastoin, Stuart Banks, David Acuña, Pelayo Salinas de León 'Reconstructing historical baselines and predicting management outcomes for bacalao at the Galápagos Marine Reserve, Ecuador'</li> <li>4. Georg H. Engelhard, John K. Pinnegar and Ewan Hunter 'What the world's longest fish size time-series can tell us about climate change, fishing, eutrophication and war: North Sea plaice, 1902 to now'</li> </ol>
5:20-6:20	<b>Poster Session in Narva Road 29, Room A046</b> - see details of poster papers next page
<b>Own dinner arrangements</b>	

**Monday 18<sup>th</sup> May, Astra Building, Room A108, Narva Road 29**

5:20-6:20

**Poster Session in Narva Road 29, Room A046**

1. Robert M. Branton, Kennedy M., Appeltans, W., Fowler M. G., Stobo, W. T., Sherin, A. *'A public Geographic Information System for historic Canadian groundfish and small pelagic tagging studies conducted west of Newfoundland in the years 1953-99'*
2. Elena Canadelli, Carlotta Mazzoldi *'The Heritage of the Sea: The Zoology Collections of Marine Adriatic Fauna'*
3. Lese Costa, Nuno G. Oliveira and Cristina Brito *'The environmental history of tuna fishing in Portugal: A nine century old story'*
4. Manfredi Di Lorenzo, Sergio Ragonese, Francesc Maynou, Francesco Colloca *'Reconstructing sharks decline in the Central-Western Mediterranean: the case study of Mustelus mustelus'*
5. Tomaso Fortibuoni, Diego Borme, Otello Giovanardi, Saša Raicevich *'Adriatic selachians extinctions revisited'*
6. Vera Jordão, Cristina Brito, Nina Vieira, & António Teixeira *'Digging into our whaling past: Addressing the Portuguese influence in the early modern exploitation of whales in the Atlantic'*
7. Raicevich S., Fortibuoni T., Froglija C., Giovanardi O. *'The three big "experiments" in the northern Adriatic sea: ecological lessons and management implications of the fishing interruptions determined by three twentieth century wars'*
8. Sergey Rusyaev *'Fishery in the Gydanskiy bay (Arctic Siberia): sustainability in the past'*
9. Tomczak M.T., Eero, M., MacKenzie, B. R., Sundberg, J., Mueller-Karulis, B., Gustafson, B., Otto, S., Luzencyk, A. *'Human impact on Central Baltic Sea fish stocks and ecosystem during the 20th Century – preliminary modelling results'*
10. Nina Vieira Portugal Azevedo and Cristina Maria Ribeiro da Silva Brito *'Notes on the environmental history of the Brazilian manatees: perceptions of the early modern Portuguese settlers'*

**Tuesday 19<sup>th</sup> May, Astra Building, Room A108, Narva Road 29**

8:30	<b>Registration desk opens</b>
9:00-9:40	<b>Keynote Address 3</b> Kathleen Schwerdtner Máñez <i>'Fish is woman's business too – looking at marine resource use through a gender lens'</i> Chair: Joseph Christensen
9:40-10:40	<b>Session 5: Gender and power politics in marine history</b> Chair: Joseph Christensen 1. Kadri Tüür <i>'Women on board: 20th century Estonian ocean fishing narratives'</i> 2. Bo Poulsen <i>'Idiosyncrasy and Fisheries Science Objectives: A Marine Science Coup d'état in 1908'</i> 3. Alison Rieser <i>'Suggestions for the Sovereign: Fisheries Advice from the Age of Inexhaustibility, 1604 to 1914'</i>
10:40-11:10	<b>Tea/coffee break</b>
11:10-12:30	<b>Session 6: Changing societal values and ideas</b> Chair: Bo Poulsen 1. Anne Husum Marboe <i>'The historical impact of cultural values on marine protection strategies in the Danish Wadden Sea c. 1950-2014'</i> 2. Andrea Giordano <i>'The increasing of mussel farming in Mar Piccolo of Taranto (centuries XVIII-XIX)'</i> 3. Inês Amorim <i>'Fishermen's ecological awareness practices: productive or predator? The historical construction of an idea (19th)'</i> 4. <u>Cristina Brito</u> , Vera Jordão, Lese Costa, & Inês Carvalho <i>'The biology of a myth: How historical sources help explain patterns of cetacean occurrence'</i>
12:30-1:30	<b>Lunch</b>
1:30-2:10	<b>Keynote address 4</b> Brian R. MacKenzie <i>'Historical evidence opens new swordfish recovery perspectives in the northwest Atlantic'</i> Chair: Adriaan Rijnsdorp
2:10-3:10	<b>Session 7: Utilizing modelling approaches to hindcast marine ecosystem dynamics</b> Chair: Adriaan Rijnsdorp 1. <u>Szymon Surma</u> and Tony J. Pitcher <i>'So wide a chase:" modelling the ecological consequences of whaling in two oceans'</i> 2. Alberto Barausse, Giovanni Galli, Luca Palmeri, <u>Carlotta Mazzoldi</u> <i>'When prey become predators: long-term time series reveal paradoxical effects of nutrient enrichment on pelagic fish'</i> 3. Anna Luzencyk and <u>Maciej T. Tomczak</u> <i>'Ecological hypotheses of a historical stock dynamic of Flounder (Platichthys flesus) in the Baltic Sea'</i>
3:10-3:40	<b>Tea/coffee break</b>
3:40-5:00	<b>Session 8: New methods in historical analysis</b> Chair: Ruth Thurstan 1. Poul Holm <i>'The North Atlantic Fish Revolution, c.1500-1700'</i> 2. <u>Charles Travis</u> and Poul Holm <i>'A North Atlantic Geographical Information System (GIS): Mapping Social Coasts over Time and Space'</i> 3. <u>Malcolm Tull</u> , Sarah Metcalf, and Howard Gray <i>'Adaptation Options for Coastal Communities: an Australian case study'</i>
6.30 till late	<b>Gala Dinner at Olde Hansa (Address: Vana Turg 1, <a href="http://www.oldehansa.ee">www.oldehansa.ee</a>)</b>

**Wednesday 20<sup>th</sup> May, Astra Building, Room A108, Narva Road 29**

8:30	<b>Registration desk opens</b>
9:00-9:40	<b>Keynote Address 5</b> Heike K. Lotze ' <i>Historical ecology of sharks – Reconstructing population changes, ecosystem consequences and societal values</i> ' Chair: Margit Eero
9:40-10:40	<b>Session 9: Using old newspapers and modern experiments for historical analysis</b> Chair: Margit Eero 1. <u>Ruth H. Thurstan</u> , Alex B. Campbell, Heidi K. Alleway and John M. Pandolfi ' <i>Dealing with awkward data: using historical media to uncover changes in a popular recreational fishery</i> ' 2. Per Hallén ' <i>A frozen economy – the impact of sea ice on 19th society and economy</i> ' 3. Andrea Gaynor ' <i>Cultural change and continuity in recreational fishing 1957-2000: A Western Australian case study</i> ' 4. <u>Heidi K. Alleway</u> and Sean D. Connell ' <i>Invasive marine species, shifting baselines and the value of a historical perspective</i> '
11:00-11:30	<b>Tea/coffee break</b>
11:30-12:30	<b>Session 10: From history and science to policy</b> Chair: Sasa Raisevich 1. Georg H. Engelhard et al ' <i>ICES meets marine historical ecology: placing the history of fish and fisheries in current policy context</i> ' 2. <u>Ruth H. Thurstan</u> and Emily S. Klein ' <i>ICES WGHIST: Integrating historical ecology into management and policy</i> ' 3. <u>Heidi K. Alleway</u> , Ruth H. Thurstan, and Sean D. Connell ' <i>Planning for food security: applying historical baselines to aquaculture development</i> '
12:30-1:30	<b>Lunch</b>
1:30-2:20	<b>Launch of the EU COST Action 'Oceans Past Platform'</b> – Poul Holm and Ms. Ülle Must, Estonian Research Council
2:20-2:50	<b>Conference Closing address</b>
2:50-3:00	<b>Tea/coffee available</b>
3:00-4:30	<b>Oceans Past Initiative Steering Committee Meeting, Uus-Sadama 5, Room M649</b>
6.30 till late	Own dinner arrangements