

**Oceans
Past X**

INTERNATIONAL CONFERENCE

Historical perspectives on human-ocean interactions: deep understandings for informing ocean futures

DRAFT PROGRAMME

Penryn campus, University of Exeter, Cornwall, UK
25-28 June 2024



University
of Exeter



ICES
CIEM

Tuesday 25th June

MORNING I 9:00 -10.30	Welcome and Conference opening (Peter Lanyon Lecture Theatre 5) KEYNOTE: 1. Jason Colby: Mapping the Past and Future of Gray Whales and People on the Pacific Coast of North America Session I – Cross-disciplinary studies of marine animals - Session Chair: TBC (3 papers) 2. Monitoring the foraging preferences of North Atlantic right whale, <i>Eubalaena glacialis</i> and fin whale, <i>Balaenoptera physalus</i> over time using archaeological, and museum specimens (Danielle Buss) 3. The Demise of the Atlantic Grey Whale; New biomolecular archaeological findings on an extirpated whale population (Youri van den Hurk)
Coffee/Tea Break 10:15 – 11:00	45 min break
MORNING II 11:00 – 12:30	Session II – Insights from Molecular and Isotopic Studies I - Session Chair: TBC (6 papers) 1. Quaternary marine palaeoecology, molecular biology and geochemistry; challenging the shifting baseline syndrome (James Scourse) 2. Measuring Antarctic human impacts using sedimentary ancient DNA (Luke E. Holman) 3. Isotopic and phylogenetic examinations of archaeofaunal remains from Hokkaido, Northern Japan, with special reference to northern fur seal and Pacific cod remains (Katsunori Takase) 4. Birds of a Feather: Cultural and ecological relationships between the Unangaᵽ and seabirds on Sanak Island, AK (Miranda LaZar) 5. Multidisciplinary perspectives on the marine historical ecology of fishes in the eastern Mediterranean (Rachel M. Winter) 6. Exploring Historical Interactions Between Humans and Fish through Ancient DNA Studies on Chum Salmon (<i>Oncorhynchus keta</i>) and Pacific Cod (<i>Gadus macrocephalus</i>) Remains from Hokkaido, Japan (Yuka Shichiza)
12:30 - 13.00	Poster Briefs - - Session Chair: TBC 1 slide/3 minutes (9 papers) 1. Iberian whaling under an artistic lens (10th - 13th centuries). Analysis of Artistic objects made from whale raw materials (Rebeca Baptista) 2. Unpath'd Waters (Vince Gaffney) 3. The Submerged landscapes Research Centre (Vince Gaffney) 4. Cetacean (Re)Sources: Uncovering historical insights into British Empire and whaling using the Cetacea collection at the Natural History Museum, London (Sophia Nicolov) 5. Using Historical Analysis to Inform the Ecological Applications of Nautical Charts (Ursula Dhillon) 6. Historical data provides insights into the distribution and form of clam natural beds in Galicia (NW of Spain) (María Veiga-García) 7. The depths of settler-colonialism: the case of the Libyan Sea (Ada Lucia Ferraresi) 8. Shaping images of/by the sea - ancient Mesopotamian and Mayan symbolic maritime representations (Jaime Silva) 9. The impact of human and climate on Sturgeons in coastal zone of Caspian Sea (Kourosh Haddadi Moghaddam)

LUNCH 13:00-14:30	LUNCH & EARLY CAREER RESEARCHER BREAKOUT (Peter Lanyon Seminar Rooms or outside)
AFTERNOON I 14:30 – 15:30	<p>Session III – Molecular Cod - Session Chair: TBC (4 papers)</p> <ol style="list-style-type: none"> 1. The Aleutian Mercury Dynamics Project: Pacific cod ecology across time and space using bulk carbon and nitrogen isotope analyses (Nicole Misarti) 2. The Aleutian Mercury Dynamics Project: refining our understanding of 5000 years of Pacific cod ecology in the Aleutian Islands through compound specific isotope analysis of amino acids (Marjolein Admiraal) 3. The Aleutian Mercury Dynamics Project: Researching the history of mercury ecology with archaeological and modern faunal specimens in the Aleutian Islands of Alaska (Caroline Funk) 4. Long-Term Population Dynamics of Atlantic Cod revealed by Ancient DNA and Genomics (Oliver Kersten)
AFTERNOON II 15.30-16:00	<p>Poster Briefs - - Session Chair: TBC 1 slide/3 minutes (10 papers)</p> <ol style="list-style-type: none"> 1. Humanities 4 the Oceans: Will Blue Humanities play a strategic role in Ocean Studies and Literacy? (Cristina Brito) 2. Underwater Heritage in Biodiversity Conservation: A case study from Iceland (Ragnar Edvardsson) 3. Threats to our ocean heritage: The intersection between natural and cultural heritage and the factors harming the marine environment (Charlotte Jarvis) 4. Coastal TALES: Telling Adaptations; Living Environmental Stories for Coastal Resilience – A Belmont Forum New Project in the Climate and Cultural Heritage CRA (Ben Fitzhugh) 5. Marine Resource Use as a Form of Everyday Resistance during the Great Hunger: A Historical Archaeological Approach (Sophia Chappel) 6. Words of the sea: the presence of the ocean in Portuguese proverbial speech in an historical perspective (Diogo Falcato) 7. Tuna fish traps in Algarve (Portugal): cathes and legal context under the portuguese monarchy of the early modern age (Brígida Baptista) 8. Historic changes in isotopic signatures of Antarctic marine mammals over the past two centuries (Evgeny Genelt-Yanovskiy) 9. Fluctuations: the very essence of marine populations and their ecosystems in Spain (Juan Pérez-Rubín) 10. Exploring the transformations of Tenerife’s marine forests through time using archival records and local ecological knowledge (Monica Mayorga)
Coffee/Tea Break 16:00 – 16:30	Meet and greet
AFTERNOON II 16:30 – 17:15	<p>Session IV - Session Chair: TBC (4 papers)</p> <ol style="list-style-type: none"> 1. The Central North Atlantic Marine Historical Ecology Project, an Overview (George Hambrecht) 2. Catch Estimates for Icelandic Fisheries from the 9th to the 29th century (Arni Daniel Júlíusson) 3. Dive into the Past: Exploring a Millennium of Marine History with Interdisciplinary Insights from Atlantic Cod (<i>Gadus morhua</i>) (Habiba Moshfeka). 4. Forklength of Atlantic Cod (<i>Gadus morhua</i>) from Icelandic Archaeological Sites Revisited (Mary Efird)

17.15 - 17.45	Poster Briefs – Session Chair: TBC 1 slide/3 minutes (10 papers) <ol style="list-style-type: none"> 1. Long-term extractions of pinnipeds in Southern Africa: cross disciplinary approach and methodological challenges (André Carvalho) 2. Historical Literature Review of Global Commercial Fisheries, 1-1900 CE (Cianna Devitt) 3. Global warming may cause the return of Last Interglacial (Pleistocene) warm guests into the Mediterranean Sea (Paolo G Albano) 4. Species-distribution model for sardine (<i>Sardina pilchardus</i>) on the Portuguese coast: A look at historical trends (Ana Azevedo) 5. Next stop, South Seas. The beginning of sperm whale hunting in the South Atlantic (18th century) (Carla Vieira) 6. Understanding Changes in the Composition and MTL of Great British Fisheries Landings, 1900-2010 (Daniel Tucker Bailey) 7. Marine Exploitation Through Time: Unveiling Spatiotemporal Patterns and Implications for Human Development Over the Past Two Millennia (Eva Jobbova) 8. Navigating the Temporal and Spatial Landscape of Black Coral's Ecosystem Services (Hannah Green) 9. Scottish Port Books: A Quantitative Analysis Using Machine Learning (Johannes Dahl)
EVENING 18:00 – 19:30	POSTER SESSION/RECEPTION with food and drink (Environment and Sustainability Institute) *Price included in registration

Wednesday 26th June

MORNING II 7:00-8:00	Social running session OR early morning swim at Gylly beach [optional]
MORNING II 9:00 – 10:30	KEYNOTE: <ol style="list-style-type: none"> 1. Nadia Rubio: Unveiling Sawfishes Presence in the Yucatán Peninsula through the Synergy of Fisher's Local Ecological Knowledge and Interdisciplinary Science Session V – Exploitation, coastal communities and interdisciplinary approaches I - Session Chair: TBC (4 papers) <ol style="list-style-type: none"> 2. Unravelling the historical landings trends of batoids: looking to the past to improve management and conservation of data-poor fisheries (Luz Erandi Saldaña Ruiz) 3. How can a historical analysis of a small-scale multi-species fishery help advance its sustainable management? (Nadia Loza) 4. Combing users' perception and landing data for fishery management in a data limited country, Cabo Verde, western Africa (Thais Macedo) 5. Historical data availability and needs of Mexican fisheries (Ilse Martínez Candelas)
Coffee/Tea Break 10:30 – 11:15	45 mins
MORNING II	Session VI – Exploitation, coastal communities and interdisciplinary approaches II - Session Chair: TBC (6 papers + speed talks)

11:15 – 12:30	<ol style="list-style-type: none"> 1. Investigating the history of Sussex kelp habitats and their impact on local communities (Madison Bowden-Parry) 2. Resilience over a lifetime of change in marine and coastal livelihoods (Sien Van Der Plank) 3. Historical socio-economic and ecological changes (prehistory to present) in the marine and terrestrial systems of the remote Swan Islands in the Caribbean (Philip Mladenov) 4. Seaweeds as part of plant ecosystemic services in the past: the case of coastal Atacama (Debora Zurro) 5. Indigenous and European Subsistence in Colonial Amazonia: Patterns of Appropriation, Exploitation and Consumption of Turtles from the 16th to the 18th centuries (Mariana A. Boscariol) 6. Life on the Edge: New Perspectives, New Insights from LOTE (Simon Fitch)
12.45-13.05	Speed Talks <ol style="list-style-type: none"> 1. Logbooks, Whale Catches and Oceanic Climates: Reconstructing Maritime History with Herman Melville’s Moby Dick (1851) (Charlie Travis) 2. The historical knowledge about marine resources in Portugal (16th-18th centuries) (Patricia Sanches Carvalho) 3. The Ecological Relevance of Small-Scale Fisheries in the North Atlantic: A Literature Review (Rafael Sousa Santos) 4. The exploitation of marine resources in the south-east Pacific in the late 18th century: a global challenge (Daniel Quiroz)
LUNCH 13:05-14:30	ECR BREAKOUT
AFTERNOON I 14:30 – 15.45	Session VII – History of regional fisheries - Session Chair: TBC (5 papers + speed talks) <ol style="list-style-type: none"> 1. A metagenomic journey through the Holocene in the North Sea: changes in marine ecosystems using ancient environmental DNA (Giulia Zampirolo) 2. Illuminating marine food web structure and function of the East Coast of Scotland in the 1890s using landings data (İsmet Saygu) 3. Mapping the spread of industrialised bottom trawling and its ecosystem impacts across Great Britain and Ireland (Ciaran McLaverty) 4. Iberian Fish Assemblages on the Very Long-Term (Sonia Gabriel) 5. Living Bones: a cross methodological approach to the study of marine animals in the past (Joana Baço)
15.45-16.00	Speed Talks <ol style="list-style-type: none"> 1. Learning from the past : understanding maritime heritage to make the world a safer place: Potentially Polluting Wrecks (Louise Sanger) 2. Histories of the not too distant past: trends in Environmental Sustainability of UK Seas 1992-2022 (T.A.Stojanovic) 3. A sea of doubts. Perceptions and Representations of the Pacific Ocean: The Mariana Islands (Noelia Rodriguez)
Coffee/Tea Break 16:00 – 16:30	
AFTERNOON II 16:30 – 17:45	Session VIII - Patterns of ocean use and impacts - Session Chair: TBC (5 papers) <ol style="list-style-type: none"> 1. The Human Marine Horizon: Estimating Historical Coastal Populations on a Global Scale, 1-2020 CE (Cianna Devitt)

	<ol style="list-style-type: none"> 2. Spatial scales and the consumption pattern of marine resources in West Jutland, Denmark before and after the breakthrough of modern sea fisheries (Bo Poulsen) 3. Quantifying historical changes in kelp Forests: Insights from 19th-century admiralty charts in Tasmania (Carolina Chong Montenegro) 4. Cod Chronicles: A Comprehensive Reconstruction of the Newfoundland Cod Fishery (1508-2021) (Patrick Hayes) 5. Historical ecology of the Pacific cod: Catch reconstruction and drivers of decline in a management context (Loren McClenachan)
EVENING 18:00 – 19:30	ECR EVENT [Falmouth]

Thursday 27th June

MORNING III 7:00-8:00	Social running session OR early morning swim at Gylly beach [optional]
MORNING III 9:00 – 10:30	<p>KEYNOTE:</p> <ol style="list-style-type: none"> 1. Anna Clark: The Beach as Archive: contemplating Australian history in landscape and culture <p>Session IX – Evolving use of marine ecoscapes - Session Chair: TBC (4 papers)</p> <ol style="list-style-type: none"> 2. Heritage, loss and precarity: taking a more-than-human approach to change within British fishing communities (Melissa Thomas) 3. How to provide scientific knowledge and international cooperation into an autocratic system of public decision? The Portuguese scientific structure for maritime fisheries after the second World War (1945-1974) (Alvaro Garrido) 4. Relational oceanic histories: the voice of the sea in ocean governance (James Tremlett) 5. Taken At The Flood: Submerged Pasts and Green Futures (James Walker)
Coffee/Tea Break 10:30 – 11:00	30 mins
MORNING II 11:30 – 12:45	<p>Session X – Ocean perceptions, politics and policies 1 - Session Chair: TBC (6 papers + speed talks)</p> <ol style="list-style-type: none"> 1. Culinary Adaptation to Marine Species Declines: a Case Study of the Eastern Oyster [Emelyn Rude] 2. Ebb and Flow: Ecological architecture and societal consequences of medieval and post medieval intertidal fisheries of Ireland and Britain (Paul Montgomery) 3. Of High Tides and Frozen Swamps: Harvesting the Venetian Lagoon in the 16th Century (Daria Ageeva) 4. How coastal stories can help climate mitigation in Dublin Bay, Ireland (Cordula Scherer) 5. Learning legal lessons to advance ocean justice (Erika Techera) 6. The Bay of Porto Paone: the First “Tiny Underwater Nature Reserve” in the Gulf of Naples (1960-1966) (Alessandra Passariello)

	7. Icelandic fisheries making waves in history (Hreiðar Þór Valtýsson)
12.45 - 13:00	Speed Talks <ol style="list-style-type: none"> 1. An oceanographical affair: The Strait of Gibraltar region and the Portuguese research vessel 'Albacora' in the international scientific framework (1925-1940) (Pier Luigi Pireddu) 2. The establishment of coastal fisheries management in 18th century France (Bernard Allaire) 3. The role of museums and collections in analysing the past and opening a conversation about how to include sustainability in the museum world and exhibitions (Charlotte Jarvis)
LUNCH 13:00-14:30	POSTER PARCOURS
AFTERNOON I 14:30 – 16:00	Session XI – Historical perspectives on human-ocean interactions - Session Chair: TBC (6 papers) <ol style="list-style-type: none"> 1. Fisheries restricted areas in biodiversity conservation: the role of the historical context (Guðbjörg Ásta Ólafsdóttir) 2. The Little Ice Age in the Gulf of Alaska: Implications and Uncertainties in the Relationship between Climate Change, Fisheries Ecology, and Resilient Indigenous Economies (Ben Fitzhugh) 3. Taking from the sea more than the sea can replace': Fisheries Science and the British Colonial Fisheries Advisory Committee, 1943-1961 (David Wilson) 4. The UK's Evolving Global Reach for Marine Capture Fishery Products from 1900-2020 (Zoe Heard) 5. Time-travelling with Atlantic cod: A modelling approach to historical distribution in Newfoundland (Ana Azevedo) 6. Acclimatization of fish species across the Soviet Union: history and consequences for neighbouring countries (Dmitry Lajus)
Coffee/Tea Break 16:00 – 16:30	
AFTERNOON II 16:30 – 17:30	OPI ANNUAL GENERAL MEETING
EVENING 18:00 – 20.00	A NIGHT AT THE MARITIME MUSEUM *extra cost to delegates (pre-booking essential)

Friday 28th June

MORNING IV 7:00-8:00	Social running session OR early morning swim at Gylly beach [optional]
MORNING IV	KEYNOTE: <ol style="list-style-type: none"> 1. Bryony Caswell – Marine functional connectivity through the ages: geological and historical perspectives

9:00 – 10:30	<p>Session XII – Insights from Molecular and Isotopic Studies II - Session Chair: TBC (4 papers)</p> <ol style="list-style-type: none"> 2. The Once and Future Fish: Assessing 1200 years of Atlantic herring exploitation in the waters around the UK and Ireland using ancient biomolecular techniques (Lane M. Atmore) 3. Distinct population structure in <i>Dugong dugon</i> revealed by historical mitogenomes (Lydia Furness) 4. Ancient Echoes in Modern Seas: Bioarchaeological Clues for Sea Turtle Habitat Conservation (Willemien de Kock) 5. The cod aquatic: investigating ecosystem change over the last 1000y in north-eastern Scotland using zooarchaeology and compound specific isotopic analysis (CSIA) on cod remains (Jen Harland)
Coffee/Tea Break 10:30 – 11:00	30 mins
MORNING IV 11:00 – 13:00	<p>Session XIII – Reconstructing past marine communities and ecosystems - Session Chair: TBC (6 papers)</p> <ol style="list-style-type: none"> 1. Reconstructing the assemblage of large pelagic fishes in the Northern Adriatic Sea (Jacopo Bernardi) 2. Coastal salt marshes in early modern England and Wales (John Morgan) 3. The fishing crisis and its local effects (Per Hallén) 4. The world was our oyster: Records reveal the vast historical extent of European oyster reef ecosystems (Ruth Thurstan) 5. Tracing prehistoric oyster exploitation in NW Ireland from the fifth to third millennia BC (Rory Connolly) 6. A historical collection enabled to detect the impacts of intertidal mollusc harvesting in Inhaca Island, southern Mozambique (Paolo G Albano) <p>CONFERENCE OBSERVATIONS, PRIZES, CLOSE AND FAREWELLS</p>
LUNCH 13:00-14:00	TAKEAWAY LUNCH and Poster Removal
14:30 – 1800	BOAT TRIP with views of castles, coastal hamlets and marine life! *extra cost to delegates