

DETAILED PROGRAMME

Time	Monday, 22 nd May 2023	Tuesday, 23 rd May 2023	Wednesday, 24 th May 2023	Thursday, 25 th May 2023
8.30h	Registration	Symposium starts at 9:15	S4O4: Connecting population functionality with distribution models predictions to support freshwater and marine management of diadromous species. <i>Chloé Dambrine</i>	Workshop 1: Geohistorical perspectives on functional connectivity patterns Organizers: Konstantina Agiadi Bryony Caswell Venue: Room 1
8.45h				
9.00h	Opening session	S2O5: Onset of the Mediterranean West-to-East biodiversity gradient. <i>Konstantina Agiadi</i>	S4O5: Identifying critical habitat patches and connectivity pathways in the Northwest Atlantic Ocean; using particle tracking and graph theory to understand connectivity in a habitat forming deep-water coral. <i>Graeme Thomas Wiggin Guy</i>	Workshop 2: Marine connectivity, marine policy and stakeholder engagement Organizers: Yael Teff-Seker Anna Maria Addamo Peter Mackelworth Venue: Auditorium
9.15h				
9.30h				
9.45h	Session 1 Keynote: Stephanie D'Agata Human impacts on coastal ecosystems through scales: implications for management and adaptations.	S2O6: Ocean deoxygenation drives midwater fish decline in the ancient Eastern Mediterranean. <i>Sven Pallacks</i>	S4O6: Circumpolar population structure and connectivity of polar cod (<i>Boreogadus saida</i>). <i>Filip A.M. Volckaert</i>	Organizers: Konstantina Agiadi Bryony Caswell Venue: Room 1
10.00h		S2O8: Anchovy dispersion patterns under anomalous oceanic conditions in the northern Iberia. <i>Ana Machado</i>	S4O7: Anthropogenic threats on the 3 dimensions of shad populations connectivity : marine connectivity, land to sea connectivity, and connectivity between shad populations. <i>Françoise Daverat</i>	
10.15h		S2O9: Potential impact of marine heatwave on population structure of sardine in the western North Pacific and its marginal seas. <i>Tatsuya Sakamoto</i>	S4O8: Otolith chemistry suggests multiple origins of northern range-expanding gilthead seabream populations. <i>Ewan Hunter</i>	
10.15h	S1O1: Short and long-term temperature variations drive recruitment and connectivity in marine and estuarine juvenile fishes. <i>Filipe Martinho</i>	Coffee break	S4O9: FRESHseaBASS - Divergent sea bass freshwater incursions. <i>Ana Rita Almeida</i>	Coffee break
10.30h	S1O2: Global warming may reinstate connectivity between the Mediterranean Sea and tropical West Africa. <i>Lotta Schulz</i>		Coffee break	
10.45h	Coffee break	Session 3 Keynote: Clarissa Endo Human impacts on the early life stages and the consequences to marine connectivity.	S4O10: Seascape connectivity modeling predicts potential hotspots of fish-derived nutrient provisioning to restored coral reefs. <i>Courtney Elizabeth Stuart</i>	Coffee break
11.00h				
11.15h	S1O3: Assessment of synchrony in temporal changes in biodiversity of fish communities in connected marine and estuarine ecosystems. <i>Rita Vasconcelos</i>	S3O1: How do climate change and connectivity drive coral reef fish abundance in the Western Indian Ocean?. <i>Laura Maria Warmuth</i>	S4O11: Tracking adult meagre in the Tagus estuary: a contribute to understand the estuarine-sea interface during the spawning season. <i>João Pedro Marques</i>	Workshop 1: Geohistorical perspectives on functional connectivity patterns Organizers: Konstantina Agiadi Bryony Caswell Venue: Room 1
11.30h	S1O4: Fishing impact on the seascape connectivity influence on benthic species distributions. <i>Manuel Hidalgo</i>		S4O12: How well do existing Natura 2000 areas capture marine functional connectivity?. <i>Ilaria Perriu</i>	
11.45h	S1O5: Using multidisciplinary tools to investigate global drivers of distribution and connectivity of rock lobsters. <i>Catarina N.S. Silva</i>	S3O2: Timing is key: Spatio-temporal variability in mussel connectivity patterns between Marine Protected Areas in an upwelling system. <i>Laura G. Peteiro</i>	S4O13: Modelling larval connectivity among subsea oil and gas platforms in the North Sea and the Southeast Gulf of Mexico. <i>Claudia Gabriela Mayorga Adame</i>	Organizers: Yael Teff-Seker Anna Maria Addamo Peter Mackelworth Venue: Auditorium
12.00h	S1O6: Live trade and hatchery stocking induce inter-oceanic introgression in clawed lobsters. <i>Charlie D. Ellis</i>	S3O3: Effects of different degrees of fishing pressure on life-history traits and trophic status in <i>Mullus barbatus</i> : a case study across the Sicilian continental shelf (Central Mediterranean Sea). <i>Megan May Harvey</i>	Session 5 Keynote: Robin Snape Mediterranean sea turtles: A model for understanding Marine Functional Connectivity.	
12.15h	S1O7: Evidencing Europe's lost native oyster (<i>Ostrea edulis</i>) habitats. <i>Ruth Ellen Thurstan</i>	S3O4: Understanding spatio-seasonal changes in commercial marine species through climate connectivity patterns. <i>Marina Sanz-Martin</i>		
12.30h	S1O8: The effect of outfalls, sea level rise and reduction of river flow over chlorophyll-a and nutrient water quality indicators in the Tagus Estuary (Portugal). <i>Rui Cereja</i>	S3O5: Impact of climate variability on the use of an estuary as a nursery habitat for flatfish species. <i>Ana Ligia Primo</i>	Lunch	Lunch
12.45h	Lunch	Lunch		
13.00h	Lunch	Lunch	Lunch	Lunch

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14.15h	S1O9: Migration dynamics and genetic divergence of co-occurring vent and seep macrofauna shed light on the conservation of deep-sea biodiversity. <i>Ting Xu</i>	S3O6: Are jellyfish adding to the human impacts on Portuguese coastal ecosystems?. <i>Antonina dos Santos</i>	S5O1: Design of new indicators using a larval particle transport model to assess connectivity processes in a northwestern Mediterranean Sea network of deep-sea no-take reserves. <i>Morane Clavel-Henry</i>
14.30h	S1O10: Trends in Atlantic bluefin tuna (<i>Thunnus thynnus</i>) mixing proportions inferred from combined otolith chemistry and genetic data. <i>Iraide Artetxe-Arrate</i>	S3O7: Connectivity between coastal areas and estuaries for fish early life stages – a functional approach. <i>Milene Alexandra Guerreiro</i>	S5O2: Connectivity-based approach to guide conservation and restoration of seagrass <i>Posidonia oceanica</i> in the NW Mediterranean. <i>Andrés Ospina-Alvarez</i>
14.45h	S1O11: How mechanistic food web modelling can inform marine functional connectivity in the context of climate change – a case study of the Portuguese continental shelf ecosystem. <i>Dorota Szalaj</i>	S3O8: Assessing connectivity in an invasive exotic species: High reproductive potential and seasonal dynamics of early life stages of the <i>Alpheus cf. lobidens</i> at the southernmost coast of Europe (Cadiz Bay). <i>Manuel Jesús León-Cobo</i>	S5O3: Eelgrass genetic and biophysical connectivity assessments can identify critical sites for conservation. <i>Marlene Jahnke</i>
15.00h	S1O12: Effects of bottom trawling on benthic-pelagic coupling by demersal predators. <i>Irene María Rabanal</i>	S3PO9: Assessing inter-annual variability of larval replenishment and spill-over of Port-Cros National Park. <i>Marine di Stefano</i>	S5O5: Population genomics of the Indian Ocean bigeye (<i>Thunnus obesus</i>) and skipjack (<i>Katsuwonus pelamis</i>) tunas provide management relevant information on stock connectivity. <i>Natalia Diaz-Arce</i>
15.15h	S1O13: Monitoring introgressed alien genes left by human-mediated gene flow in sea squirts. <i>Fanny Touchard</i>	S3O10: Examining marine connectivity in the Strait of Gibraltar: Biophysical modelling as a tool to understand the impact of climate change on pelagic communities. <i>Rita F. T. Pires</i>	S5O12: Integrating spatial ecology into marine spatial planning. <i>Josefine Barbara Gottschalk</i>
15.30h	Coffee break	S3O11: Direct human-induced alteration of the timing of environmental seasonal events -oceanic fish farm in Israel as a case study. <i>Ziv Zemah Shamir</i>	S5O13: MarinePlan: Ecosystem based maritime spatial planning in the Celtic Sea. <i>Denise O'Sullivan</i>
15.45h		Coffee break	Coffee break
16.00h	Session 2 Keynote: Emmanuel Hanert Climate change, hurricanes, and marine connectivity.	Session 4 Keynote: Anna M. Sturrock The impacts of extreme drought on salmon connectivity across the land-sea interface.	S5O4: Does connectivity between artificial reefs and MPA alter MPA network design?: Case of study in the Gulf of Lion (North West Mediterranean Sea). <i>Katell Guizien</i>
16.15h			S5O6: Connectivity matrices for a sustainable management of mussel aquaculture. <i>Laura G. Peteiro</i>
16.30h			S5O7: Ecological connectivity in marine protected areas in Swedish Baltic coastal waters - a coherence assessment, <i>Charlotte Berkström</i>
16.45h	S2O1: Quantifying population connectivity during a climate-driven northern range expansion. <i>Cataixa María López Batista</i>	S4O1: The origin, dispersal pathway, and connectivity of invasive lionfish <i>Pterois miles</i> in the Mediterranean. <i>Cemal Turan</i>	S5O8: Measuring interconnectedness between marine ecosystems and socio-economic activities: an accounting approach. <i>Anna Maria Addamo</i>
17.00h	S2O2: Effects of biogeographic range shifts on mudflat ecological functioning in the subtropics: Projecting functional change. <i>Briony Amber Caswell</i>	S4O2: Combining acoustic telemetry and stable isotope analysis to improve <i>Raja undulata</i> connectivity patterns. <i>Paula Daban Losada</i>	S5O9: Spatial Conservation Priorities with Connectivity in The Eastern Mediterranean. <i>Burak Ali Çiçek</i>
17.15h	S2O3: Rare long dispersal events may facilitate current and future marine connectivity in a cold-water octocoral, pink sea fan (<i>Eunicella verrucosa</i>). <i>Kirsty Louise Macleod</i>	S4O3: Coastal connectivity of an abundant inshore fish species, model-data comparison along the south coast of South Africa. <i>Cuen Muller</i>	S5O10: The South Adriatic Ionian Straight Ecologically or Biologically Significant Area (SAIS-EBSA), informing regional seas and high seas governance. <i>Peter Charles Mackelworth</i>
17.30h	S2O4: Evaluating resiliency and functional connectivity of early life stages of invertebrates within a southern African urban coastal system under an era of climate change. <i>Kerry Ann van der Walt</i>		S5O11: Designation of and Connectivity in a Habitat Directive Marine Protected Area: The Case of the Transboundary North Sea Dogger Bank. <i>David Goldsborough</i>
17.45h			
18.00h	Poster session Venue: Forte de Santiago de Sesimbra Bring your name tag for free drinks!	Science Communication Workshop: The Video Lab - Impactful science communication with your smartphone <i>Dávid Kulcsár</i> Venue: Auditorium	Closing session
18.15h			
18.30h			
18.45h			
19.00h			Guided visit to Maritime Museum, Forte de Santiago de Sesimbra
19.30h			
20.00h		Symposium dinner Venue: Restaurante Canhão II	

