

Programa General

	Miércoles, 29 de octubre	
08:30-09.00	Registro de participantes	
09:00-09:30	Sesión de apertura	
09:30-10:30	Sesión 1 – Sesión plenaria Orador Invitado João Duarte Auditorio Duarte Pacheco Pereira	
10:30-11:00	Coffee Break “Bar do IH”	
	Auditorio Duarte Pacheco Pereira	Auditorio D. João de Castro
11:00-12:30	Sesión 2A SC1: Naturaleza y estructura del margen continental ibérico y Macaronesia	Sesión 2B ST1: Contaminación por microplásticos: metodologías de análisis e impactos en los ecosistemas SC13: Procesos biogeoquímicos e interacciones atmósfera/oceano/sedimento
12:30-14:00	Pausa para el almuerzo Sala Polivalente	
14:00-15:30	Sesión 3A SC9: Registro geológico de eventos marinos extremos SC11: Vulcanismo oceánico, mineralización y riesgos submarinos	Sesión 3B SC5: Biología marina y ecosistemas
15:30-16:00	Coffee Break “Bar do IH”	
16:00-17:00	Sesión 4 – Presentaciones de Pósteres “Salão Nobre Pedro Nunes”	
17:00-18:15	Sesión 5A SC13: Procesos biogeoquímicos e interacciones atmósfera/oceano/sedimento	Sesión 5B SC7: Patrimonio histórico submarino y geoarqueología
20:30-22:00	Cena del Simposio Museu da Cerveja	
	Jueves, 30 de octubre	
09:30-10:30	Sesión 6 – Sesión plenaria Orador Invitado Manuel Villarreal Auditorio Duarte Pacheco Pereira	
10:30-11:00	Coffee Break “Bar do IH”	
	Auditorio Duarte Pacheco Pereira”	Auditorio D. João de Castro”
11:00-12:30	Sesión 7A SC12: Modelización numérica de procesos en el medio marino	Sesión 7B SC2: Dinámica, sedimentación y evolución ambiental de la zona costera
12:30-14:00	Pausa para el almuerzo Sala Polivalente	
14:00-15:15	Sesión 8A SC12: Modelización numérica de procesos en el medio marino	Sesión 8B SC2: Dinámica, sedimentación y evolución ambiental de la zona costera
15:15-15:45	Coffee Break “Bar do IH”	
15:45-16:45	Sesión 9 - Presentaciones de Pósteres “Salão Nobre Pedro Nunes”	
17:00-17:30	Sesión de Clausura con entrega de premios a los jóvenes investigadores	
	Viernes, 31 de octubre	
09:00-19:00	Excursión de campo	



Programa Detallado

Miércoles, 29 de octubre
Auditorio Duarte Pacheco Pereira

11:00-12:30	Sesión 2A SC1: Naturaleza y estructura del margen continental ibérico y de la Macaronesia	
11:00-11:15	Davide Gamboa , Diogo Leite and Cristina Roque.	<i>Insights into the submarine channels in the Nazaré Canyon submarine fan, offshore Western Portugal</i>
11:15-11:30	Anabela Oliveira , Joaquim Pombo, Nuno Lapa, Joao Duarte, André Vinhas, Sandra Moreira and Aurora Rodrigues.	<i>Exploring Holocene marine depositional system off Sado river (Portugal)</i>
11:30-11:45	Sandra Moreira , Rui Quartau, Anabela Oliveira, Joaquim Pombo, Aurora Rodrigues, Nuno Lapa, Mónica Ribeiro and André Vinhas.	<i>Cross-Shore Sediment Transport and Depositional Patterns of a Clinoform on the Northeastern Madeira Shelf: From Siliciclastic to Mixed Siliciclastic-Carbonate Deposition</i>
11:45-12:00	Simone Innocentini, Rui Quartau , José Madeira, Daniele Casalbore, Pedro Brito and Aurora Rodrigues.	<i>Morpho-stratigraphic characterization and seafloor sediment distribution on the shelf of Corvo Island (Azores Archipelago)</i>
12:00-12:15	Anabela Oliveira , Sandra Moreira, Joaquim Pombo, Nuno Lapa, Joao Duarte, Aurora Rodrigues, Geraldo Taranto and Telmo Morato.	<i>Soft sediments from northern MAR – Azores plateau: preliminary mineralogical and geochemical results</i>
12:15-12:30	Pedro Costa, Ágata Dias , Rui Quartau, Sandra Moreira, Ruben Santos and João Duarte.	<i>Compositional Diversity of Seafloor Sediments at the Gigante Seamount Complex (GSC; Azores Plateau): Tracing Biogenic, Volcanic, and Hydrothermal Source</i>
14:00-15:15	Sesión 3A SC9: Registro geológico de eventos marinos extremos SC11: Vulcanismo oceánico, mineralización y riesgos submarinos	
14:00-14:15	Rui Quartau , Simone Innocentini, Zhongwei Zhao and Aurora Rodrigues.	<i>Submarine landslide on the shelf of Corvo Island triggered during the winter of 2018</i>
14:15-14:30	Natércia T. Marques , Pedro J.M. Costa and Pedro Pina.	<i>Quartz grain microtexture analysis using Artificial Intelligence: applications on tsunami and storm deposits provenance studies</i>
14:30-14:45	Ricardo Correia , Manel Prada, Valentí Sallarès, Alejandra L. Cameselle, Luis Menezes Pinheiro, Ingo Grevemeyer and César Rodríguez Ranero.	<i>Deep crustal structure and seismogenic potential of the SW Iberian Margin from new seismic and gravity constraints</i>
14:45-15:00	Cristina Roque, Davide Gamboa and Vitor Magalhães.	<i>Sediment faulting and fluid migration in the Madeira Abyssal Plain (Central NE-Atlantic)</i>
15:00-15:15	Susana Gonçalves , Cristina Roque and Fernando Artileiro.	<i>Crustal Thickness Modeling in the Azores Region Using Tesseroid-Based Gravity Methods</i>
15:15-15:30	Sesión de promoción técnica	
17:00-18:15	Sesión 5A SC13: Procesos biogeoquímicos e interacciones atmósfera/oceano/sedimento	
17:00-17:15	Elena Tel , Ruben Acerbi, Marta Alvarez, Rocio Fernandez-Graña, Maribel Garcia-Ibañez, Gonzalo Gonzalez-Nuevo, Cesar Gonzalez-Pola, Blanca Marigomez Róldan, Fernando Redondo, Manuel Ruiz-Villarreal, Lucia Sanz-Pinilla and Amaia Viloria.	<i>Exploring 20 years of biogeochemical data on the Finisterre Section</i>
17:15-17:30	Alexandra Cravo , Erwan Garel, José Jacob, Ernestina Rodrigues and Marta Rodrigues.	<i>Projeto CONNECT+: Aplicação à Ria Formosa</i>
17:30-17:45	Marta Álvarez , Blanca Marigomez Roldan, Rocío Fernández Graña, Rubén Acerbi and Cesar Gonzalez Pola.	<i>The RADPROF program (2003-2023): twenty years of hydrographic data in the North East Atlantic ocean</i>
17:45-18:00	Isabel Mendes , Julia Lübbers, Joachim Schönfeld, Ana Rita Carrasco, Ana Gomes, Patricia Grasse and Alexandra Cravo.	<i>Alkalinity enhancement field experiment in a saltmarsh as a carbon dioxide removal measure (CDR)</i>
18:00-18:15	João Vitorino , Nuno Zacarias, Inês Martins, Ana Mateus and Ramalho Guerreiro.	<i>An in-depth look at the dynamics of a long and narrow submarine canyon (Nazaré Canyon – W Portugal)</i>

Miércoles, 29 de octubre
Auditorio D. João de Castro

11:00-12:30	Sesión 2B ST1: Contaminación por microplásticos: metodologías de análisis e impactos en los ecosistemas SC13: Procesos biogeoquímicos e interacciones atmósfera/oceáno/sedimento	
11:00-11:15	Sofía González-Pérez, Manuel Ruiz-Villarreal, Adrián Sanjurjo-García, Gonzalo González-Nuevo, Luz María García-García, Justino Martínez, Jordi Isern-Fontanet and Emilio García-Ladona.	<i>Using Singularity Exponents and Lagrangian Coherent Structures to assess the impact of freshwater fronts in the Toconao pellet spill</i>
11:15-11:30	Rafaela Fernandes, Paul-Tiberiu Miclea, Marta Fadda, Mara Putzu, A. Sacco, Andrea M. Rossi, Andrea M. Giovannozzi, Marta Barbaresi, Matteo Masino, Monica Mattarozzi, Maria Careri, Carla Palma, José Almeida, Claudia Drago, Olivier Pellegrino, Raquel Quendera, Ulrike Braun and Ricardo Silva.	<i>Inter-instrument definition of valid criteria for the automatic identification of microplastics by micro-Raman spectroscopy</i>
11:30-11:45	Carla Palma, José Almeida, Vanessa Morgado, Matilde São Pedro and Ricardo Silva.	<i>Avaliação da contaminação por microplásticos com incerteza no oceano Atlântico ao largo de Cabo Verde</i>
11:45-12:00	Carla Palma, J.M. Almeida, L. Duarte, Carlos Borges and Ana Catarina Rocha.	<i>Nutrient and heavy metal distribution in the water column at the Nazaré Canyon</i>
12:00-12:15	José Miguel Almeida, Leila Duarte, Célia Macedo, Carlos Borges and Carla Palma.	<i>Metais em águas da costa Algarvia: avaliação de padrões de distribuição com incerteza associada</i>
12:15-12:30	Ana Catarina Rocha, Luis Brás Gomes, Carolina Neto and Carla Palma.	<i>Avaliação espaço-temporal e identificação de fonte de hidrocarbonetos aromáticos policíclicos em sedimentos costeiros de Portugal Continental</i>
14:00-15:30	Sesión 3B SC5: Biología y ecosistemas marinos	
14:00-14:15	María Díez-Muñoz, Ricardo López-Alonso, Emma Shorter-Rodríguez, Pablo Pereda-Bezanilla, Esteban Pascual-Parra, Veronica Soto-López, Deva Menéndez-Teleña, Claudia González-Toral, Eduardo Cires, Andrés Arias and José Manuel Rico.	<i>Checklist of Marine and Estuarine Non-Indigenous Species in the Bay of Biscay</i>
14:15-14:30	Daniel Abal, Manuel Ruiz-Villarreal, Gonzalo González-Nuevo González, Julio Valeiras, Mateo Barreiro, Esther Abad, Tamara Rodríguez, Pablo Prieto, Cecilia Grela and Javier Cacheiro.	<i>Ejemplos de casos de uso para la Plataforma Integrada de datos del Plan Complementario de Ciencias Marinas de Galicia</i>
14:30-14:45	Nuria Mondéjar, Inés G. Viana, Rita García-Seoane, Jaime Otero and Antonio Bode.	<i>Trophic niches of zooplankton and planktivorous fish in NW Iberia characterized by stable isotopes in bulk samples and amino acids</i>
14:45-15:00	Layane Gonçalves, Ana Amorim, Marta Pimentel, Vera Veloso, Joana Cruz and Ana Brito.	<i>Spatio-temporal variability of mixoplankton along the Portuguese coast</i>
15:00-15:15	Enrique Ostalé-Valriberas, Antonio Martín-Zorrilla, Álvaro Sabino-Lorenzo, Altai Pavón-Paneque and José Carlos García-Gómez.	<i>Translocation and monitoring of the endangered mollusc Patella ferruginea associated with the emergency works to repair the damage caused by the storms of March and April 2022 on the coast of Ceuta: specific study of adaptability and survival rates.</i>
15:15-15:30	Emma Shorter-Rodríguez, Ricardo López-Alonso, Esteban Pascual-Parra, María Díez-Muñoz, Verónica Soto-López, Deva Menéndez-Teleña, Pelayo Rico-Fernández, Pablo Pereda-Bezanilla and José Manuel Rico.	<i>Functional Response Analysis of the Polyclad Flatworm Postenterogonia orbicularis: Implications for Predator-Prey Dynamics</i>
17:00-18:15	Sesión 5B SC7: Patrimonio histórico submarino y geoarqueología	
17:00-17:15	Gonçalo Lopes and Joana Baço.	<i>MUCH Lagos - Maritime and Underwater Cultural Heritage and the evolution of the seascape of Lagos</i>
17:15-17:30	Juan L. Garzon, Lara Mills, Flavio Martins, Panagiotis Michalis, Sonia Oliveira, Cristina Veiga-Pires, Claudio Mazzoli, Ludovica Pia Cesareo, Luigi Germinario and Vassilia Karathanassi.	<i>Interdisciplinary research and innovation for improving Underwater Cultural Heritage management</i>
17:30-17:45	Patrícia Jordão and Nuno Pimentel.	<i>Geoarchaeological walks through the Cenomanian flint of the Western Iberian Margin</i>
17:45-18:00	Ana Maria Costa, Margarida Silva, Ana Luísa Rodrigues and Maria da Conceição Freitas.	<i>Characterization of ancient Lisbon Estuarine Beaches</i>
18:00-18:15	Susana Costas, Ana Costa, Ana Luisa Rodrigues, Rosa Marques, Dulce Russo and Ana Cristina Araújo.	<i>Did aeolian sand invasion impact human settlement patterns during the Mesolithic of SW Iberia?</i>

Miércoles, 29 de octubre
“Salão Nobre Pedro Nunes”

16:00-17:00	Sesión 4 Presentación de Pósteres	
A	Ricardo Henriques, Pedro Costa, Ivana Bosnic and Francisco Dourado.	<i>Modelação Numérica de um Tsunami em Verde Lago, Algarve</i>
B	Cristina Roque, Sónia Manzoni and João Duarte .	<i>Imaging the seismogenic sources of the 1941 and 1975 great strike-slip earthquakes (Central NE-Atlantic)</i>
C	Lucía Rivas-Iglesias, Eleanor Casement, Deva Menéndez - Teleña , Eva García-Vázquez and Verónica Soto-López.	<i>High microplastic concentration in limpets points at a plastic hotspot in the north Iberian cantabric shelf</i>
D	Sergio Villoria, Gustavo Blanco-Heras, Jesús Gago, Ana V. Filgueiras , Concepción Martínez-Gómez and Lucía Viñas.	<i>Blue crab (<i>Callinectes sapidus</i>) as a microplastic pollution indicator in coastal environments</i>
E	Eva Cacabelos , Jesús Gago and Pablo Otero.	<i>Sampling microplastic in surface waters: what method to choose?</i>
F	Beatriz Rincon, Maria Huerta , Ana Aja, N. Lara Arroyo, Ignacio Bolado, Alberto Serrano and David Díaz.	<i>Preliminary characterization of the macrofauna associated to <i>Gelidium corneum</i> habitats in the infralittoral rocky coasts of Cantabria (Northern Spain)</i>
G	Maria Huerta , Beatriz Rincon, Ana Aja, Ignacio Bolado, N. Lara Arroyo, Alejandro Martín, Susana Díez, David Díaz and Alberto Serrano.	<i>Fish communities of infralittoral rocky bottoms in North Spain (Northeast Atlantic)</i>
H	Emma Shorter Rodríguez , Ricardo López-Alonso, Esteban Pascual-Parra, María Díez-Muñoz, Verónica Soto-López, Deva Menéndez-Teleña, Pelayo Rico-Fernández, Pablo Pereda-Bezanilla and Jose Manuel Rico.	<i>Morphological and Developmental Stages of Embryogenesis and Larval Growth in <i>Postenterogonia orbicularis</i></i>
I	Sara Román , Ana Rodríguez-Rúa, Carlos Caro de la Barrera, Carlos Farias, Miriam Sayago, Raúl Jiménez-Romero, Juan Gil, Marina Delgado and Manuel María González-Duarte.	<i>Impact of epibionts on Habitat Forming Species: The case of the octocoral <i>Paramuricea tingitana</i> (Cnidaria, Octocorallia, Malacalcyonacea) in the Gulf of Cádiz</i>
J	Laura García-Guillén , M.E. Manjón-Cabeza, J. Cristobo, P. Baragaño and Pilar Ríos.	<i>Protocol for a reliable database using Echinoderms of Spanish waters: cleaning, validation and visualization</i>
K	Laura García-Guillén , M. González-Martínez, J. Cristobo, F. González, P. Baragaño and Pilar Ríos.	<i>Impacts of abandoned fishing gear on vulnerable organisms in the El Cachucho Marine Protected Area</i>
L	Ana V. Filgueiras , Jessica Bargiela, Begoña Pérez-Fernández and Lucía Viñas.	<i>First insight of hydroxypyrene bile metabolite in <i>Merluccius merluccius</i> in the Iberian Atlantic coast</i>
M	Deva Menéndez-Teleña , Verónica Soto-López, Karim Erzini, Pedro Guerreiro and Eva Garcia-Vazquez.	<i>From Sargasso to Southern Portugal: Maritime Traffic and Noise as Barriers to European Eel Migration in the Arade and Guadiana Rivers</i>

Jueves, 30 de octubre
Auditorio Duarte Pacheco Pereira

11:00-12:30	Sesión 7A SC12: Numerical modelling of processes in the marine environment	
11:00-11:15	Frederico Romão , Márcia Lima, Susana Costas and Carlos Coelho.	<i>Caracterização da Agitação Marítima e Tempestades da Costa Ocidental Portuguesa, com Recurso a Bases de Dados Modelados</i>
11:15-11:30	Carolin Poullain and Juan L. Garzon.	<i>Investigation of the suitability of machine learning for improving wave height forecasts in the Iberian Peninsula</i>
11:30-11:45	Lúisa Lamas , Nuno Zacarias, Manuel Narayan, Paulo Pinto, Vânia Lima, Telmo Dias, Cesário Videira and Teotónio Barroqueiro.	<i>Artificial Intelligence for Short-Term Forecasting of Ocean Surface Currents in the South Coast of Iberia</i>
11:45-12:00	Jose M.R. Alves and Rui Caldeira.	<i>Evolution of wind stress and mixed layer depth in the Canary and California upwelling systems from 1981 to 2020</i>
12:00-12:15	Anika Manz, Juan L. Garzon , Flávio Martins and Lara Mills.	<i>Integrated wave-current modelling of the Arade estuary</i>
12:15-12:30	Sesión de promoción técnica	
14:00-15:15	Sesión 8A SC12: Numerical modelling of processes in the marine environment	
14:00-14:15	João Vitorino and Vânia Lima.	<i>ICCOE- A Virtual Laboratory to explore the coastal ocean</i>
14:15-14:30	Gonzalo González-Nuevo , Lucía Sanz, Daniel Rodríguez-Abal, Adrian Sanjurjo, Sofia González, Cristina García, Jaime Otero, María Luz García, Elena Tel and Manuel Ruiz-Villareal.	<i>Data harmonization and availability as key elements in knowledge generation: A case study of small pelagic fish egg data for Individual-Based Early Life Stage Models</i>
14:30-14:45	Manuel Ruiz Villareal , Sofia González-Pérez, Adrián Sanjurjo García, Gonzalo González-Nuevo, Luz María García García, Daniel Rodríguez-Abal and Paz Sampedro, J. Martínez, J. Isern-Fontanet, M. Clavel, A. Sabatés, V. Raya and E. García-Ladona.	<i>Lagrangian simulations of Early Life Stages of Iberian sardine and European anchovy in the Atlantic Iberian margin</i>
14:45-15:00	Adrián Sanjurjo-García , Cristina García-Fernández, Daniel Rodríguez-Abal, Paz Sampedro, Jaime Otero, Manuel Ruiz-Villareal, Sofia González-Pérez, Gonzalo González-Nuevo and Luz María García-García.	<i>Integración de observaciones y modelos para refinar la comprensión de la dinámica temprana de la merluza europea en el Atlántico noreste</i>
15:00-15:15	Sesión de promoción técnica	

Jueves, 30 de octubre
Auditorio D. João de Castro

11:00-12:30	Sesión 7B SC2: Dinámica, sedimentación y evolución ambiental de la zona costera	
11:00-11:15	Vincent Kümmerer , Susana Costas, Valeria Fanti and Jacqueline Santos.	<i>Cyclic bulge attachment updrift of a natural ebb-tidal delta</i>
11:15-11:30	Jacqueline Santos , Susana Costas, Rui Taborda, Juan Garzon and Teresa Drago.	<i>Challenges in assessing longshore transport along the Eastern Algarve coast: insights from analysis of different wave data sources</i>
11:30-11:45	Ana Alberto , Alina Shchepetkina, Teresa Drago, Conceição Freitas, Vitor Magalhães and Vera Lopes.	<i>Tomografia computadorizada como suporte para a interpretação paleoambiental do estuário do Rio Lima, Portugal.</i>
11:45-12:00	Mariana Neves Silva, Rui Taborda, Ana Nobre Silva , Afonso Vaz, Celso Aleixo Pinto, Jacqueline Santos, Sebastião Teixeira and Susana Costas.	<i>Monitoring beach nourishment performance with satellite-based analysis: the case of the Forte Novo - Garrão coastal stretch (Portugal)</i>
12:00-12:15	Miguel Inácio and Maria da Conceição Freitas.	<i>Tavira marsh evolution assessment in a sea-level rise context</i>
12:15-12:30	A. Rita Carrasco , João Duarte, Inês Carneiro, Marta Silva and Katerina Kombiadou.	<i>Assessing tidal wetland ecosystem services in the future through remote sensing and modelling</i>
14:00-15:15	Sesión 8B SC2: Dinámica, sedimentación y evolución ambiental de la zona costera	
14:00-14:15	Rui Taborda , Ana Bastos, Ana Nobre Silva, César Andrade, Cristina Ponte Lira, Diogo Mendes, Mafalda Carapuço, Mónica Ribeiro and Tanya Silveira.	<i>How resilient are Portuguese beaches? A decade later – Impacts and recovery of sandy beaches after the 2014 Christina storm on the central-western Portuguese coast</i>
14:15-14:30	João Cascalho , Rui Taborda, Teresa Drago and Marcos Rosa.	<i>Shoreface sedimentary dynamics revealed by a fluorescent tracer experiment</i>
14:30-14:45	César Andrade , Ana P. Bastos, Ana Nobre Silva and Rui Taborda.	<i>A field-based approach to the aerodynamic and equivalent roughness at a sand beach – first results</i>
14:45-15:00	Virgínia Martins , João Alveirinho Dias, João Moreno, D. Terroso, E. Salgueiro and Fernando Rocha.	<i>Coupling/decoupling of surface and deep ocean processes during the upper Pleistocene and Holocene off the NW Iberian Margin</i>
15:00-15:15	Miguel Gonçalves , Francisco Fatela, Maria Cristina Cabral and Teresa Drago.	<i>Foraminifera and Ostracoda assemblages in the Tavira salt marsh (SE Portugal) under autumnal conditions – preliminary results</i>

Jueves, 30 de octubre
“Salão Nobre Pedro Nunes”

15:45-16:45	Sesión 9 Presentación de Pósteres	
N	Aitor Marqués-Alonso, Jesús Ángel García-Maza, Miguel Ángel Reyes Merlo and Deva Menéndez-Teleña .	<i>Evaluación de métodos de bajo coste para el monitoreo de corrientes de resaca: In-tegración de GNSS-RTK y trazadores biodegradables</i>
O	Raúl Jiménez Romero , Miriam Sayago-Gil, Olga Sánchez -Guillamón, Izaskun Villar-Menéndez, Juan Tomás Vázquez Garrido and Luis Miguel Fernández Salas.	<i>Volcanic and erosional morphologies on the insular slope of La Palma (Canary Islands): A geomorphological approach to edifice evolution</i>
P	Joaquim Pombo , Anabela Oliveira, Aurora Rodrigues, João Duarte, Sandra Moreira, Nuno Lapa, Gerald Taranto and Telmo Morato.	<i>Preliminar sedimentological and magnetic susceptibility characterization of Box-Cores from the Mid-Atlantic Ridge</i>
Q	Luis Miguel Fernandez-Salas , Ricardo Sánchez-Leal, Francisco Javier Hernández-Molina, Izaskun Villar, Desiree Palomino, Margarita García-García and INPULSE Team.	<i>Control batimétrico y estructuración interna de la MOW: evidencias preliminares a partir de la geomorfología derivada del BPI</i>
R	Pedro Lourenço , Carlos Loureiro and Bruno Rodrigues.	<i>Evolução recente do sistema praia-arriba de Forte Novo</i>
S	Ana Alberto , Teresa Drago and Conceição Freitas.	<i>Caracterização da sedimentação recente da Baía de São Paio e da Praia do Cabedelo (Douro, Portugal).</i>
T	Teresa Drago , Ana Alberto and João Cascalho.	<i>Application of Micro-Raman spectroscopy as a tool for the identification of sediment mineralogy</i>
U	Rúben Santos , Cristina Monteiro, Marina Miranda and Carlos Rubio Marques.	<i>Determinação da profundidade na região costeira de baixa profundidade através de imagens multiespectrais de satélite</i>
V	João Moreno, Francisco Fatela, Filipa Moreno , Eduardo Leorri, Manel Leira, Maria da Conceição Freitas and Pere Masqué.	<i>Reconstructing Environmental Quality in the Sado Estuary (Portugal): A Palaeoecological Record Based on Benthic Foraminifera</i>
X	Pedro Pires da Rocha , Theocharis Plomaritis and Susana Costas.	<i>Beyond the Label: Do NbS Fulfill the Scope of EC and IUCN Definitions?</i>
Y	Lara Almeida , Fernando Rocha and Carla Candeias.	<i>Therapeutic potential of saline materials from the Portuguese Atlantic Coast</i>