

Poster programme

A	Ecosystems in Transition: Microbes, Vegetation and Environmental Change	P1–P10
B	Life at the Limits: Biodiversity, Food Webs and Resilience	P11–P22
C	From Ice to Ocean: Cryosphere, Sediments and Chemical Cycles	P23–P27
D	Polar Futures: Climate, Governance and Society	P28–P33

Poster	Session	Presenting author	Abstract title	Presenting author affiliation
P1	A	Ana Rita Domingos	PROKARYOTIC FINGERPRINTS OF A CHANGING OCEAN IN THE PACIFIC ARCTIC REGION	Universidade de Aveiro
P2	A	Diana Sousa	EXPLORING MICROBIOME DIVERSITY IN THE ARCTIC OCEAN ICE PLATFORM	CIIMAR/CIIMAR-LA - Interdisciplinary Centre of Marine and Environmental Research, University of Porto
P3	A	Luis Afonso	RETHINKING EDNA METABARCODING TAXONOMIC ANNOTATION: A PROBABILISTIC FRAMEWORK APPLIED TO ARCTIC VERTEBRATE DATA	CIIMAR/CIIMAR-LA - Interdisciplinary Centre of Marine and Environmental Research, University of Porto
P4	A	Leonor Castro	IMPROVING NITRIFICATION MODELING IN THE ARCTIC OCEAN THROUGH INTEGRATION OF MICROBIOME DATA	CIIMAR/CIIMAR-LA - Interdisciplinary Centre of Marine and Environmental Research, University of Porto
P5	A	Rodrigo Costa	PLANT SPECIES AND MERCURY AND ARSENIC RELEASE COLLECTIVELY SHAPE THE STRUCTURE OF PROKARYOTIC COMMUNITIES IN ARCTIC SOILS (SISIMIUT, GREENLAND)	Department of Bioengineering, Instituto Superior Técnico (IST), Univer of Lisbon
P6	A	Afonso Mota	COLD-ADAPTED MICROORGANISMS INFORM HABITABILITY ON FROZEN AND ICE-COVERED EXOPLANETS	CIIMAR/CIIMAR-LA - Interdisciplinary Centre of Marine and Environmental Research, University of Porto
P7	A	Paula Matos	CONTROLS ON ANTARCTIC VEGETATION: WHERE DOES MICROSCALE END AND MESOCLIMATE BEGIN?	Centro de Estudos Geográficos, Laboratório Associado TERRA, Instituto de Geografia e Ordenamento do Território, Universidade de Lisboa
P8	A	Marina Bowen	FROM CLIMATE TO MICROSCALE: ANTARCTICA'S FIRST VEGETATION SPECIES DISTRIBUTION MODELS	Centro de Estudos Geográficos, Laboratório Associado TERRA, Instituto de Geografia e Ordenamento do Território, Universidade de Lisboa
P9	A	Pedro Areias	ASSESSING ISOTOPIC SIGNATURES IN USNEA SP. AS POTENTIAL ECOLOGICAL INDICATORS OF CLIMATE SHIFTS IN THE ANTARCTIC PENINSULA	Centro de Estudos Geográficos, Laboratório Associado TERRA, Instituto de Geografia e Ordenamento do Território, Universidade de Lisboa
P10	A	Tiago Madureira	OBSERVER ERROR IN IMAGE-BASED ESTIMATES OF ANTARCTIC VEGETATION ABUNDANCE ACROSS ENVIRONMENTAL GRADIENTS?	Centro de Estudos Geográficos, Laboratório Associado TERRA, Instituto de Geografia e Ordenamento do Território, Universidade de Lisboa
P11	B	Pedro Moniz	PHYTOPLANKTON BLOOMS IN THE NORTHERN ANTARCTIC PENINSULA: INSIGHTS FROM IN-SITU AND SATELLITE OBSERVATIONS	MARE — Marine and Environmental Sciences Centre / ARNET — Aquat Research Network, Faculty of Sciences, University of Lisbon, Lisbon, Portugal
P12	B	Lucas Bastos	POPULATION GENOMICS OF POLAR OCEANS SQUID	Centre for Functional Ecology – Science for People & the Planet (CFE), Associate Laboratory TERRA, Department of Life Sciences, University of Coimbra
P13	B	José C. Xavier	LONG-TERM MONITORING ANTARCTIC MARINE FOODWEBS: INSIGHTS FROM COMPARATIVE STUDIES OF CEPHALOPODS	Centre for Functional Ecology – Science for People & the Planet (CFE), Associate Laboratory TERRA, Department of Life Sciences, University of Coimbra
P14	B	Francisco Borges	MODELLING THE INFLUENCE OF TOURISM AND FISHERIES ON THE PRESENT-DAY AND FUTURE HABITAT SUITABILITY OF THE HUMPBACK WHALE (MEGAPTERA NOVAEANGLIAE) IN THE SOUTHERN OCEAN	MARE – Marine and Environmental Sciences Centre / ARNET – Aquatic Research Network, Universidade de Lisboa
P15	B	Milene A. Guerreiro	FROM ZOOPLANKTON COMMUNITIES TO MICROPLASTICS: EXPLORING SPATIAL PATTERNS ALONG THE ANTARCTIC PENINSULA	Centre for Functional Ecology – Science for People & the Planet (CFE), Associate Laboratory TERRA, Department of Life Sciences, University of Coimbra
P16	B	Maria Inês Amaral	TEMPERATURE AND SIZE MODULATION OF OXYGEN CONSUMPTION AND METABOLIC THRESHOLDS IN THE ANTARCTIC SPINY PLUNDERFISH HARPAGIFER ANTARCTICUS	CCMAR-Centro de Ciências do Mar, Universidade do Algarve
P17	B	José Teixeira	DECOUPLING PHENOTYPE AND GENOTYPE: AGLOMERULISM IN ANTARCTIC NOTOTHENIIDS	CIMAR LA, CIIMAR- Centro Intersdisciplinar Investigação Marinha e Ambiental, Universidade do Porto & CCMAR-Centro de Ciências do Mar Universidade do Algarve
P18	B	Joana Fragão	TOWARDS A BASELINE ASSESSMENT OF CONTAMINANT BURDENS AND BIOMARKER RESPONSES IN MYCTOPHID FISH FROM THE SCOTIA SEA	Centre for Functional Ecology – Science for People & the Planet (CFE), Associate Laboratory TERRA, Department of Life Sciences, University of Coimbra & British Antarctic Survey
P19	B	Maria Teresa Cabrita	ASSESSMENT OF EMERGENT POLLUTANTS IN ARCTIC PRIMARY PRODUCERS	Centro de Estudos Geográficos, Laboratório Associado TERRA, Instituto de Geografia e Ordenamento do Território, Universidade de Lisboa

P20	B	Miguel Jorge Lourenço Domingos	ACUTE TOXICITY OF ESCITALOPRAM TO THE ANTARCTIC COPEPOD BOECKELLA POPPEI	CCMAR-Centro de Ciências do Mar, Universidade do Algarve
P21	B	Inês Oliveira	ANTARCTIC COASTAL WASTE LEACHATE REDUCES SURVIVAL OF BOECKELLA POPPEI	CCMAR-Centro de Ciências do Mar, Universidade do Algarve
P22	B	Caio Cesar Ribeiro	STANDARDIZATION OF ACUTE TOXICITY TESTS FOR TWO ANTARCTIC FRESHWATER INVERTEBRATES	CCMAR-Centro de Ciências do Mar, Universidade do Algarve
P23	C	Mariana Cândido	ASSESSING RISK ASSOCIATED TO PERMAFROST DEGRADATION IN THE ANTARCTIC PENINSULA: GENERAL FRAMEWORK	Centro de Estudos Geográficos, Laboratório Associado TERRA, Instituto de Geografia e Ordenamento do Território, Universidade de Lisboa
P24	C	Cátia Pereira	DETECTING GROUND SURFACE DISPLACEMENT IN THE ICE-FREE AREAS OF THE NORTHWEST ANTARTIC PENINSULA USING INSAR	Centro de Estudos Geográficos, Laboratório Associado TERRA, Instituto de Geografia e Ordenamento do Território, Universidade de Lisboa
P25	C	Jacqueline Joosten	HYDROGRAPHIC AND BIOGEOCHEMICAL HETEROGENEITY IN GLACIER INFLUENCED MAXWELL BAY	CCMAR-Centro de Ciências do Mar, Universidade do Algarve
P26	C	Vasco Vaz Cardoso	ARSENIC SPECIATION AND DYNAMICS IN ARCTIC PERMAFROST THAW ENVIRONMENTS	Centro de Química Estrutural, Institute of Molecular Sciences, Departamento de Engenharia Química, Instituto Superior Técnico, Universidade de Lisboa
P27	C	Carolina Duarte	SCREENING TRACE METALS ACROSS ANTARCTIC ICE FRESHWATER AND COASTAL HABITATS	CCMAR-Centro de Ciências do Mar, Universidade do Algarve
P28	C	André Lanfer Marquez	SEA STATE ESTIMATION BY THE POLAR SHIP ADM. MAXIMIANO'S ATTITUDE DURING THE 43RD BRAZILIAN OPERANTAR	Center for Weather Forecast and Climate Studies, National Institute for Space Research, Brazil
P29	D	Céline Rodrigues	CLIMATE CHANGE, OCEAN, ARCTIC AND SECURITY NEXUS	Universidade Portucalense, Universidade da Beira Interior
P30	D	Catarina Frazão Santos	INSIGHTS FROM TWO YEARS OF PROJECT PLANT: CLIMATE-SMART PLANNING AND GOVERNANCE IN THE SOUTHERN OCEAN	Department of Biology, Faculdade de Ciências, Universidade de Lisboa, Lisbon, Portugal & MARE – Marine and Environmental Sciences Centre ARNET – Aquatic Research Network, Universidade de Lisboa
P31	D	Beatriz Cabral	BLUE JUSTICE IN THE SOUTHERN OCEAN: UNRAVELLING THE ANTARCTIC TREATY SYSTEM DISCOURSE TO INFORM EQUITABLE OCEAN GOVERNANCE	MARE – Marine and Environmental Sciences Centre / ARNET – Aquatic Research Network, Universidade de Lisboa
P32	D	Catarina Pereira Santos	BIODIVERSITY PATTERNS IN THE SOUTHERN OCEAN GOVERNANCE DISCOURSE	MARE – MarineMARE – Marine and Environmental Sciences Centre / ARNET – Aquatic Research Network, Universidade de Lisboa
P33	D	Joana M. da Silva	HOW DO WE SPEAK ABOUT POLAR SCIENCE COMMUNICATION?	Centre for Functional Ecology – Science for People & the Planet (CFE), Associate Laboratory TERRA, Department of Life Sciences, University of Coimbra
P34	D	Mariana Steyer Molinari	FROM POLES TO PEOPLE: HOW ASSOCIATION OF POLAR EARLY CAREER SCIENTISTS (APECS) PORTUGAL COMMUNICATES WITH SOCIETY	CIBIO/BIOPOLIS