## PARK'S CONFERENCE CHALLENGES AND OPPORTUNITIES IN INTEGRATED WATER MANAGEMENT FROM SOURCE TO SEA

MUSEUM AUDITORIUM AND SERRALVES PARK

24 AND 25 OCT 2024 09:30 AM – 6:00 PM

In a time of water scarcity and contamination, it is essential to promote co-creation and cooperation among all. Understanding the relationships between terrestrial and aquatic ecosystems, recognising our responsibility in their use and conservation, and understanding the central role of the land-sea continuum are crucial aspects for effective water governance.

We invite you to participate in this two-day conference, framed by the "source to sea" approach, and bringing Sustainable Development Goals (SDGs) 6 and 14 closer together. Acknowledged scientists and professionals, from different sectors, will converge to discuss the obstacles and potential of integrated water management. In this dynamic forum, at the nexus between science and art, we will explore innovative solutions and chart paths towards sustainable water management.

## DAY 1 | 09h00 - 18h00

O9h00 | Reception of participants
O9h30 | Opening
Ana Pinho Administration of Sorralyos Founda

Ana Pinho, Administration of Serralves Foundation

Pedro Rodrigues, University of Porto

Laura Guimarães, Centro Interdisciplinar e Investigação Marinha e Ambiental (CIIMAR)

## Sessão I. UNDER PRESSURE, FROM LAND TO SEA

**Chair** | Marisa Almeida, Centro Interdisciplinar e Investigação Marinha e Ambiental (CIIMAR)

10h00 | "Marine litter and plastics in the ocean - what we do on land too" - Marisa Almeida, Centro Interdisciplinar e Investigação Marinha e Ambiental (CIIMAR)

10h30 | From mountain to sea - The microplastics journey - Filipa Bessa, Centro de Ecologia Funcional da Universidade de Coimbra

**11h00 - 11h30** | Coffee break

**11h30** | Round-table "Examples of water management in the private sector" **Chair** | Filipa Pantaleão, BCSD Portugal

## Participation:

José Manuel de Saldanha Gonçalves Matos, Parceria Portuguesa para a Água Fernando Leite, Lipor

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12h30 - 14h00 | Lunch

Session II. THE WATER CYCLE IN THE PARK

14h00 | Framework and presentation of the Lake Restoration Project Helena Freitas, Serralves Park Ricardo Bravo, Management and maintenance of Serralves Park Gerald Luckhurst, Landscape Architect

### Session III. THE SOURCE TO SEA APPROACH

**Chair** | Helena Freitas, Parque de Serralves

**14h30** | "How the Source-to-Sea (S2S) approach links Sustainable Development Goals 6 and 14 towards a more sustainable world", Tim Jennerjahn, Leibniz Centre for Tropical Research

**15h00** | "The United Nations Decade of Ocean Science for Sustainable Development 2021-2030" - Luís Pinheiro, Portuguese Committee for the Intergovernmental Oceanographic Commission of UNESCO (IOC/COI-UNESCO)

15h30 | Coffee break

### Session II & III

**16h00** | Round-table "Water use in public and private spaces, good practices" **Chair** | Helena Freitas, Parque de Serralves

### Round-table participation:

Joana Felício, Águas do Douro e Paiva; Sandra Sarmento, Instituto da Conservação da Natureza e das Florestas; Susana Neto, Institute of Agriculture, University of Western Australia e Instituto Superior Técnico, Universidade de Lisboa Inês Andrade, ARH-Norte

**17h00** | Workshop "Plastics and microplastics: myth and reality" - Paula Sobral, Centro de Ciências do Mar e do Ambiente & Universidade Nova de Lisboa

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Day 2 | 09h00 - 19h00

### Sessão IV. NATURE BASED SOLUTIONS FOR WATER SUSTAINABILITY

Chair | Francisco Arenas, CIIMAR

**9h30** | "Should nature-based solutions design be water centric" - Pedro Carvalho, Aarhus University, Dinamarca

**10h00** | "Conservation and restoration of foundation species as tools for sustaining marine biodiversity under changing climates" - Fabio Bulleri, Universidade de Pisa

### Sessão V. INTEGRATED COASTAL MANAGEMENT

**10h30** | "Assessing the status of marine systems in an integrative way: basis for an ecosystem-based management" - Ángel Borja, Centro de Investigação Marina y Alimentaria

**11h00** | "Coastal Restoration with Nature and People: showcasing ecosystem-based management using a living lab approach" - Ana Lillebø, Universidade de Aveiro

11h30 | Coffee break

### Session IV & V

**12h00** | "Round table: Towards the difference: integrated management of pollution and social-ecological systems"

Chair | Vitor Vasconcelos, CIIMAR

### Round-table participants

Angel Borja. Centro de Investigação Marina y Alimentaria (AZTI) Pedro Carvalho, Aarhus University, Dinamarca Ana Lillebø, Universidade de Aveiro (UA) Fabio Bulleri, University of Pisa

13h00 | Lunch break













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Guimarães, CIIMAR

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Sessão VI. FLUID EXPRESSIONS: FROM ART TO SCIENCE

14h30 | Conference-performance "Bridging waters", Companhia de Música Teatral de Aveiro 15h30 | Closing session Vitor Vasconcelos, Presidente da Direção do CIIMAR Helena Freitas, Diretora do Parque de Serralves

16h00 | Workshop: "From science to art: diatoms and water quality" - Laura

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