



# SedNet



## *Sediment continuum: applying an integrated management approach*

### Conference program

13th International SedNet Conference  
Faculty of Sciences of the University of Lisbon, Lisbon, Portugal

Co-organised by Faculty of Sciences of the University of Lisbon and  
Instituto Dom Luiz

6 - 8 September 2023



**Ciências  
ULisboa**



**INSTITUTO  
DOM LUIZ**

SedNet.org  
Secretariat@SedNet.org

# Background

Sediments are ubiquitously found in different settings, from upland streams, industrialised waterways, floodplains, estuaries, coastal zones to offshore waters. Sediments present different characteristics, some inherited from their origin and other acquired along the transport and deposition. These characteristics are naturally interlinked as sediment travels from the catchment to the open sea. The natural flow of sediments from mountainous regions to the ocean is strongly impacted by anthropogenic activities along its journey, both in terms of the quantity that is transported and the quality of transporting waters. Sediment distribution and quality is not only impacted by direct human influence but also indirectly by changes in weather features and climate patterns. Changes in the natural sediment dynamics can lead to issues, such as sediment starvation or excessive accumulation, and is often the concern of river basin and coastal managers.

Historical or emerging contaminants may also hinder management of these areas, and there's a growing need for integrated approaches and tailored solutions.

At the 2023 SedNet conference “Sediment continuum: applying an integrated management approach”, we invite abstracts for a series of sessions aiming to explore different challenges and proposed solutions related to this theme. Among other topics, we explicitly welcome case studies from practice that preferably engaged stakeholders and that included how policies and plans were developed for the range of interlinked issues experienced along the continuous journey of sediment from upland to the depositions sites. This includes how to quantify and manage sediment movement, how to assess sediment quality, sediment health and ecosystem service provision, how excess sediment can be re-used, etc. Special attention will also be given to challenges posed by anthropogenic influences, resource exploitation and climate change, and how we can truly apply an integrated management approach that enables the sediment continuum.

We have 5 thematic sessions:

## **1. Sediment quality guidance and sediment quality assessment.**

This session also includes the topics 'Sediment health: what is it and how to achieve it?' and 'Zero pollution in the soil-sediment-water nexus'.

## **2. Circular economy - sediment as a resource.**

## **3. Sediment in coastal and marine management.**

## **4. Climate change and sediments: direct and indirect consequences and opportunities.**

## **5. Sediment management concepts and sediment policy.**

This session also includes the topic of 'Sediment literacy'.

To start your registration, please follow the link below:

<https://express.converia.de/frontend/index.php?sub=1146> 

**E-mail:** [secretariat@sednet.org](mailto:secretariat@sednet.org)

**Website:** [www.sednet.org](http://www.sednet.org)





9:00 – 17:00	SedNet Working Group Meeting: Circular Economy
9:30 – 16:00	SedNet Working Group Meeting: Sediment Quality Workshop on ' <i>Confounding factors in sediment toxicity testing: what do we know and how can we move forward</i> '
9:30 – 16:30	Workshop ' <i>Measurements and good practice on sediment management: challenges and opportunities for Portugal</i> '
The program for the SedNet Working Group meetings and the workshop can be found on <a href="https://sednet.org">SedNet.org</a> . 	
20:00 – 22:00	Icebreaker & registration



8:30 – 9:00 Registration	
9:00 – 10:20 Plenary opening session	
9:00 – 9:20	Welcome by chairman <i>Marc Eisma, chairman SedNet, Port of Rotterdam Authority, The Netherlands</i>
9:20 – 9:50	<u>Keynote presentation</u> Sediment Management in Portugal <i>José Pimenta Machado, Vice-President of Environmental Portuguese Agency (APA), Portugal</i>
9:50 – 10:20	<u>Keynote presentation</u> WFD CIS sediment guidance document and outlook on future EU developments <a href="#">↗</a> <i>Jos Brils, Deltares, The Netherlands</i>
10:20 – 11:00 Coffee break	
Room 1	Room 2
<b>SESSION 'SEDIMENT QUALITY GUIDANCE AND SEDIMENT QUALITY ASSESSMENT'</b> <i>Session chairs</i> <i>Susanne Heise (Hamburg University of Applied Sciences, Germany), Carmen Casado-Martinez (Ecotox Centre Eawag-EPFL, Switzerland) &amp; Elena Romano (Institute for Environmental Protection and Research (ISPRA), Italy)</i>	
11:00 – 11:05	Opening of the session
11:05 – 11:25	Revising sediment quality guidelines to reflect current scientific understanding of chemical interactions in sediment with ecosystems <i>Sabine Apitz, SEA Environmental Decisions Ltd., United Kingdom</i>
11:25 – 11:45	The importance of reviewing the Portuguese legislation for the assessment and management of dredged materials: The case of butyltin compounds <i>Mário Mil-Homens, Instituto Português do Mar e da Atmosfera, Portugal</i>
11:45 – 12:05	Spatial variability of organic matter quality and metal reactivity in the port of Rotterdam sediments <i>Guangnan Wu, Royal Netherlands Institute for Sea Research, The Netherlands</i>
12:05 – 12:15	Flash poster presentations
	Impact of rare earth elements on the growth and photosynthetic efficiency in <i>Myriophyllum aquaticum</i> <i>Isidora Gjata, Dipartimento di Bioscienze, Italy</i>
	Multiple lines of evidence approach to assess the quality of sediments in canals of the Rhône valley in Switzerland <i>Rébecca Beauvais, Swiss Centre for Applied Ecotoxicology, Switzerland</i>
	Geochronology and historical records of heavy metals in the marine sediments from western part of the Black Sea Coastal Area, Varna/Bulgaria <i>Günseli Yaprak, Ege University, Türkiye</i>
12:15 – 14:15 Lunch	
<b>SESSION 'CIRCULAR ECONOMY - SEDIMENT AS A RESOURCE'</b> <i>Session chairs</i> <i>Arjan Wijdeveld (Deltares, The Netherlands), Bruno Lemièrre (France), Edward Van Keer (Flemish Government, Belgium) &amp; Julia Gebert (Delft University of Technology, The Netherlands)</i>	
	Opening of the session
	Sediment management in a circular economy <i>Pieter de Boer, Rijkswaterstaat, The Netherlands</i>
	A PFAS mass balance– impact on the sediment (re)use policy <i>Arjan Wijdeveld, Deltares, The Netherlands</i>
	Lessons from pilot-scale sediment reuse projects on the Scottish canal network <i>Keith Torrance, University of Strathclyde, United Kingdom</i>
	Flash poster presentations
	Stabilized in situ sediment as material used for experimental coastal protection and habitat restoration measures <i>Jakub Borovec, Biology Centre CAS, Czech Republic</i>
	Nature-based geotextile tubes: a new circular and nature-friendly solution for the dewatering of dredged material <i>Jip Koster, NETICS BV, The Netherlands</i>
	Sand sourcing from dredge disposal grounds for nature-based solutions <i>Lars Kint, Royal Belgian Institute of Natural Sciences, Belgium</i>

Room 1		Room 2	
SESSION 'SEDIMENT QUALITY GUIDANCE AND SEDIMENT QUALITY ASSESSMENT'		SESSION 'CIRCULAR ECONOMY - SEDIMENT AS A RESOURCE'	
<i>continued</i>		<i>continued</i>	
14:15 – 14:35	Assessing sediment toxicity in reservoirs before flushing: developing a protocol for freshwater in Italy <i>Laura Marziali, Water Research Institute (CNRIRSA), Italy</i>	Exploring unconventional approaches to sediments decontamination <i>Marta Castellote, Institute of Construction Science Eduardo Torroja (IETcc-CSIC), Spain</i>	
14:35 – 14:55	Sediment quality assessment at small streams affected by different types of anthropogenic pressures <i>Carmen Casado-Martinez, Swiss Centre for Applied Ecotoxicology, Switzerland</i>	Twenty-years forecast of coastline evolution on sandy coastal stretches in mainland Portugal <i>Ivana Bosnic, HAEDES, Portugal</i>	
14:55 – 15:15	REE Contaminated Sediment Causes Avoidance Behaviour of <i>D. magna</i> <i>Chantal K. E. van Drimmelen, Hamburg University of Applied Sciences, Germany</i>	A mobile & continuous granulometric classification & dehydration pilot to improve sediment reuse strategies. Case studies & results interpretation <i>Tristan Debuigne, IXSANE, France</i>	
15:15 – 15:35	Targeting mercury bioremediation of marine sediments by using omics and culture-driven approaches <i>Laura Alonso-Sáez, Basque Research and Technology Alliance, Spain</i>	Reuse of Metal Impacted River Sediments <i>Philip Studds, Ramboll, United Kingdom</i>	
15:35 – 15:45	Flash poster presentations	Flash poster presentations	
	Historical contribution of sediments to a hydropower reservoir: a case study in central Chile <i>William H. Blake, University of Plymouth, United Kingdom</i>	'AquaForest' Nature-based-Solutions Living Lab: Restoring mangrove forests through circular and sustainable re-use of dredged sediments <i>Jelle Evenepoel, Jan De Nul Group, Belgium</i>	
	Sediment Status in Europe: Frameworks, Standards and Approaches, Synthesis of Expanded Review <i>Sabine Apitz, SEA Environmental Decisions Ltd., United Kingdom</i>	Beneficial reuse of sediments as secondary raw materials for construction sector <i>Walid Maherzi, IMT Nord Europe, France</i>	
15:45 – 16:15 Coffee break			

Room 1		Room 2	
SESSION 'SEDIMENT QUALITY GUIDANCE AND SEDIMENT QUALITY ASSESSMENT'		SESSION 'CIRCULAR ECONOMY - SEDIMENT AS A RESOURCE'	
continued		continued	
16:15 – 16:35	Soil erosion and associated pollution and siltation compromise the food, water energy and security nexus. A river basin study case in central Chile <i>Claudio Bravo-Linares, Universidad Austral de Chile, Chile</i>	Landfilling and soil conditioning of dredged sediments: evaluation throughout a lifecycle assessment <i>Laura Ferrans, Linnaeus University, Sweden</i>	
16:35 – 16:55	French and Norwegian sediment quality guidelines comparison - case study in the NE Adriatic Sea, Croatia <i>Jadranka Pelikan, University of Zagreb, Croatia</i>	Bankbusters: A nature-based solution engineered tidal marsh river banks, beneficially re-using soft dredged sediments <i>Marc Huygens, DEME Group, Belgium</i>	
16:55 – 17:15	A conceptual model for enabling sustainable management of soil-sediment-water ecosystems in support of European policy <i>Jos Brils, Deltares, The Netherlands</i>	A management of port sediment in a working with nature context to achieve a zero residues generation <i>Mercedes García Barroso, Tecnoambiente. S.L.U., Spain</i>	
17:15 – 17:35	Improving risk assessment of dredging activities by passive sampling <i>Sabine Schäfer, Federal Institute of Hydrology, Germany</i>	Agricultural soil recovery using dredged fluvial sediments: Mont-Cenis hydropower plant experiment as a success to be replicated <i>Emmanuel Branche, EDF Hydro, France</i>	
17:35 – 17:55	Flash poster presentations	Flash poster presentations	
	Overview of sediment quality and quantity over two decades - Case study of the Great Bačka Canal (Republic of Serbia) <i>Dragana Tomašević Pilipović, University of Novi Sad, Serbia</i>	Desalination of dredged sediments for circular reuse to raise agricultural peatlands <i>Maria Barciela-Rial, HAN University of Applied Sciences, The Netherlands</i>	
	Contamination and Risk Assessment of Heavy Metals in surface sediments of the Montenegrin coast <i>Danijela Joksimovic, Institute of Marine Biology, Montenegro</i>	Application of GEOWALL® dike revetment elements made from dredged materials <i>Hugo Ekkelenkamp, NETICS BV, The Netherlands</i>	
	Comparing sediment heavy metal concentrations in Italian harbors with the Environmental Quality Standards <i>Elena Romano, Institute for Environmental Protection and Research (ISPRA), Italy</i>	Beneficial Reuse Of Any Dredged Sediment Environmental Assessment Tool (BROADSEAT)- An open access tool for circular economy optioneering <i>Richard Lord, University of Strathclyde, United Kingdom</i>	
		Sediment management in Lake Trakošćan, Croatia - an example of the social and economic aspects of sediment long-term impacts <i>Dijana Oskoruš, University of Zagreb, Croatia</i>	
18:00 – 20:00 Reception + Meet the presenters at their poster			





## THURSDAY, 7 SEPTEMBER 2023

## Conference day 2

Room 1		Room 2	
<b>SESSION 'SEDIMENT QUALITY GUIDANCE AND SEDIMENT QUALITY ASSESSMENT'</b>		<b>SESSION 'CIRCULAR ECONOMY - SEDIMENT AS A RESOURCE'</b>	
<i>continued</i>		<i>continued</i>	
9:00 – 9:20	Applying environmental geochemical monitoring of fluvial sediments using unique automated and passive sampling in the Danube Basin <i>Zsófia Kovács, University of Pannonia, Hungary</i>	Phytoremediation of dredged sediments polluted with mineral oil, naphthalene and PAHs <i>Mario Clemmens, bio2clean, Belgium</i>	
9:20 – 9:40	Monitoring of microplastics in port sediments. Evaluation of different analytical methods <i>Julie Droit, CEREMA eau, France</i>	Social, Economic and Environmental Analyses for Sediment Reuse Applications <i>Joe Harrington, Munster Technological University, Ireland</i>	
9:40 – 10:00	Assessing Microbial Quality of Polluted Marine and Soil Sediments with Advanced in Situ Monitoring Tools <i>Heinrich Eisenmann, Isodetect GmbH, Germany</i>	Beneficial use of sediments for our future: compared pathways for taking profit of them as resources for new challenges <i>Bruno Lemièrre, France</i>	
10:00 – 10:20	Flash poster presentations	10:00 – 10:20	Converting fiber sediment to hydrochar - new technology to eliminate landfilling and extract energy when remediating fiberbanks <i>Anna-Karin Dahlberg, Swedish University of Agricultural Sciences, Sweden</i>
	Different rivers, common problems – Linking chemical and ecological status in polluted sediments of three different European river basins <i>Susanne Heise, Hamburg University of Applied Sciences, Germany</i>	10:20 – 10:40	Towards an integrated and circular management of dredged sediments: HAROPAPORT   Rouen as a transforming force in the territory <i>Benjamin Constant, Neo-Eco, France, Sandrine Samson &amp; Ludovic Grabner, HAROPA Port, France</i>
	Environmental characterization addressed to port sediment management: two case studies in the central Tyrrhenian Sea (Italy) <i>Cristian Mugnai, Institute for Environmental Protection and Research (ISPRA), Italy</i>	10:40 – 11:00	Discussion
	Reconstruction of radioactivity levels and sediment quality assessment in a deep basin at Lemnos, North Aegean Sea, Greece <i>Christos Tsabaris, Hellenic Centre for Marine Research, Greece</i>		
10:20 – 11:00	Discussion		
11:00 – 11:30	Coffee break		

Room 1		Room 2	
<b>SESSION 'SEDIMENT MANAGEMENT CONCEPTS AND SEDIMENT POLICY'</b> <i>Session chairs</i> <i>Henrich Röper (Hamburg Port Authority, Germany),</i> <i>Ilka Carls (Ministry of Environment of the City of Hamburg, Germany)</i> <i>&amp; Jos Brils (Deltares, The Netherlands)</i>		<b>SESSION 'CLIMATE CHANGE AND SEDIMENTS: DIRECT AND INDIRECT CONSEQUENCES AND OPPORTUNITIES'</b> <i>Session chairs</i> <i>Marta Castellote (Institute of Construction Science Eduardo Torroja (IETcc-CSIC), Spain)</i> <i>&amp; Pieter de Boer (Ministry of Infrastructure and Water Management (RWS), The Netherlands)</i>	
11:30 – 11:35	Opening of the session	Opening of the session	
11:35 – 11:55	The fluvial sediment quality monitoring in the context of the implementation of 2030 Agenda in Portugal: a study in N Portugal <i>Anabela Reis, University of Trás-os Montes e Alto Douro, Portugal</i>	Fixing Failures or Re-thinking Futures? From Resilient Remedies to Resilient Land-and Water-Scapes <i>Sabine Apitz, SEA Environmental Decisions Ltd., United Kingdom</i>	
11:55 – 12:15	Towards sustainable sediment management and estuary functioning of the Upper Sea Scheldt based on a state-of-the-art modelling approach <i>Joachim Vansteenkiste, IMDC, Belgium</i>	Towards net-zero sediment management of inland waterways – comparing embedded and embodied carbon emissions for dredging and reuse scenarios <i>Richard Lord, University of Strathclyde, United Kingdom</i>	
12:15 – 12:35	Exploring the remediation of contaminated sediments <i>Wim Clymans, VITO, Belgium</i>	Climate Change Impacts on the Sediment Structure in the Hamburg Port -Challenges and Opportunities: Use of Fluid Mud for Navigational Aspects- <i>Nino Ohle, Hamburg Port Authority, Germany</i>	
<b>12:35 – 14:35 Lunch</b>			
14:35 – 14:55	A nation-wide survey of polluted sediments in Sweden <i>Clara Neuschütz, Swedish Environmental Protection Agency, Sweden &amp; Anna Wemming, County Administrative Board of Dalarna, Sweden</i>	The impact on sedimentation in case the Adriatic Sea becomes meromictic due to global climate change <i>Jasmina Obhodas, Ruđer Bošković Institute, Croatia</i>	
14:55 – 15:15	Sediment remediation pays off: Socio-economic analysis and cost disproportionality of measures using the example of the Elbe river basin <i>Ilka Carls, Ministry of Environment, Climate, Energy and Agriculture Free and Hanseatic City of Hamburg, Germany &amp; Judith Sprenger, Hamburg Port Authority, Germany</i>	Port Sediments as Carbon Sink and Source <i>Julia Gebert, Delft University of Technology, The Netherlands</i>	
15:15 – 15:35	Policy solutions for management of contaminated sediments in the EU <i>Raffaele Vaccaro, Nisida Environment, Italy</i>	Residual sand and mud transport in the Scheldt estuary derived from the sediment balance <i>Bart De Maerschalck, Flanders Hydraulics, Belgium</i>	
15:35 – 15:45	Flash poster presentations	Flash poster presentations	
	Long-term investigation of the morphological development of groyne fields on the two waterways Elbe and Upper Rhine <i>Elise Lifschiz, German Federal Waterways Engineering and Research Institute (BAW), Germany</i>	Sediments, creating a vibrant estuarine habitat to protect the Scheldt hinterland against flooding & a sound sediment management guides rehabilitation of Fort Sint Filips from black spot to green spot along the river Scheldt <i>Marc Huygens, DEME Group, Belgium</i>	
	Development of a knowledge platform on sediment in Sweden <i>Clara Neuschütz, Swedish Environmental Protection Agency, Sweden</i>		
<b>15:45 – 16:15 Coffee break</b>			



Room 1		Room 2	
SESSION 'SEDIMENT MANAGEMENT CONCEPTS AND SEDIMENT POLICY'		SESSION 'CLIMATE CHANGE AND SEDIMENTS: DIRECT AND INDIRECT CONSEQUENCES AND OPPORTUNITIES'	
continued		continued	
16:15 – 16:35	A new methodology for prioritisation and initial investigation of contaminated sediment in Sweden <i>Henrik Bengtsson, Swedish Geotechnical Institute, Sweden</i>	Impact of climate change scenarios on sediment load assessments <i>Ewa Szalińska, AGH University of Science and Technology, Poland</i>	
16:35 – 16:55	Rhône Sediment Management Master Plan between Geneva and Mediterranean Sea in order to achieve good ecological status <i>Frederic Laval, BURGEAP, France</i>	Mapping and quantifying methane emissions from contaminated fibrous sediment <i>Alizée P. Lehoux, Uppsala University, Sweden</i>	
		16:55 – 17:15 Contaminated Sediment and Climate Change – Sediment Desiccation, The Unthought About Hazard for Caps and MNR <i>Philip Spadaro, TIG Environmental, United States</i>	
17:15 – 18:15	Meet the presenters at their poster		
20:00 – 23:00	Conference dinner + poster award ceremony Conference dinner location: Museu da Cerveja Terreiro do Paço, Ala Nascente, nº 62 a 65, 1100-148 Lisbon		



Room 1		Room 2	
SESSION 'SEDIMENT MANAGEMENT CONCEPTS AND SEDIMENT POLICY'		SESSION 'SEDIMENT IN COASTAL AND MARINE MANAGEMENT'	
<i>continued</i>		Session chairs Vera Breitung (Federal Institute of Hydrology, Germany) & Jasmina Obhodas (Ruđer Bošković Institute, Croatia)	
9:30 – 9:55	Sustainable port maintenance strategies - trade-offs between dredging cost and portcall efficiency <i>Arash Sepehri, Delft University of Technology, The Netherlands</i>	9:30 – 9:35	Opening Session
		9:35 – 9:55	The impact of damming in sediment delivery to coastal zones – case of mainland Portugal <i>Rui Taborda, Faculdade de Ciências da Universidade de Lisboa, Portugal</i>
9:55 – 10:15	Sediment Management for the Tidal Elbe - between the poles of science and politics <i>Boris Hochfeld, Hamburg Port Authority AöR, Germany</i>		Decadal evolution of an intensely nourished coast <i>Sebastian Dan, Flanders Hydraulics Research, Belgium</i>
10:15 – 10:35	Integrated beneficial sediment management in practice <i>Marc Huygens, DEME Group, Belgium</i>		Managing sediments in the Wadden Sea and the role of the research programme BenO Wadden Sea <i>Jurre de Vries, Executive Agency of the ministry of infrastructure and water management (RWS), The Netherlands</i>
10:35 – 10:55	Moving the Needle: Beneficial Use of Contaminated Sediments in the United States <i>David Moore, USACE-ERDC, United States</i>	10:35 – 10:55	Flash poster presentations
			The Impact of Contaminated Sediment in the Estuaries of Elbe and Odra <i>Safia El Toun, Hamburg University of Applied Sciences, Germany</i>
			Enhanced bioremediation of contaminated sediments in coastal areas of ex-industrial sites <i>Chiara Melchiorre, Stazione Zoologica Anton Dohrn, Italy</i>
			Environmental life cycle assessment of the innovative ejectors plant technology for sediment management in harbours <i>Marco Pellegrini, University of Bologna, Italy</i>
10:55 – 11:25 Coffee break			



Room 1		Room 2	
SESSION 'SEDIMENT MANAGEMENT CONCEPTS AND SEDIMENT POLICY' <i>continued</i>		SESSION 'SEDIMENT IN COASTAL AND MARINE MANAGEMENT' <i>continued</i>	
11:25 – 11:45	System dynamic plan as a comparison framework and decision model for the competent authority <i>Jos Wiegers, Rijkswaterstaat, The Netherlands</i>	The WoE approach applied to the sediments characterization to the lagoon environment: the Venice Lagoon case <i>Maurizio Ferla, Institute for Environmental Protection and Research (ISPRA), Italy</i>	
11:45 – 12:05	Fifty years of shallowing former sand- and gravel pits in the Netherlands: from win-win opportunity to major headache <i>Wouter Klein Koerkamp, Open University, The Netherlands</i>	Effects of Re-circulation on Sediment Properties: A Case Study in the Seaport Emden <i>Fatemeh Chamanmotlagh, Delft University of Technology, The Netherlands</i>	
12:05 – 12:25	“Once upon a time ... a beach sand grain”: a bed-time story and scientific outreach activity for toddlers to increase sediment literacy <i>Cristina Lira, University of Lisbon, Portugal</i>	Testing Conditioning Methods for Maintenance Dredging in Ports <i>Alex Kirichek, Delft University of Technology, The Netherlands</i>	
12:25 – 12:45	Discussion	12:25 – 12:45 Flash poster presentations  The new breakwater of the Port of Genoa: monitoring and reuse of the dredged sediments <i>Marco Capello, University of Genoa, Italy</i>  (Re-) Evaluating the Role of Microbes for Fluid Mud Rheology and Settling <i>Julia Gebert, Delft University of Technology, The Netherlands</i>  Evolution of submerged large transversal bedforms in a shallow nearshore area along a macrotidal sandy coast <i>Anne-Lise Montreuil, Antea Group, Belgium</i>  Sedimentologic influence of torrent check dam systems on shoreline changes in semiarid Mediterranean area: a sub-regional analysis in Calabria (Southern Italy) <i>Giuseppe Bombino, University Mediterranea of Reggio Calabria, Italy</i>	
12:45 – 14:45	Lunch		
14:45 – 15:15	Plenary closing session		
15:15 – 16:00	Goodbye drink		





**SATURDAY, 9 SEPTEMBER 2023**

**Excursion**

**Program**

Departure from Faculty of Sciences of the University of Lisbon at 8:30

1st stop - Port of Lisbon

2nd stop - Crismina Dune Field

3rd stop - Lunch at Cascais city center

4th stop - Cascais beaches

Arrival at Faculty of Sciences of the University of Lisbon at 17:00



## Conference Organisation

The conference is organised by SedNet, the Instituto Dom Luiz and the Faculty of Sciences of the University of Lisbon.

Instituto Dom Luiz (IDL) is an Associated Laboratory that focuses on the use of quantitative science to unravel Earth dynamics and to respond to major societal challenges posed by Climate Change, sustainable use of Earth and Energy Resources, and exposure to Natural Hazards. As a fully-integrated Earth System Science Institute – with over 100 integrated members – IDL produces internationally-relevant science that directly contributes to a vast range of public policies and initiatives, or that is upstream to numerous applications at national and European level. IDL manages state-of-the-art laboratories and research in Geophysics, Geochemistry, Geology, Renewable Energy, High Performance Computing facilities and hosts doctoral programs in Earth System Science and Sustainable Energy. IDL research lines combines analytical studies, data analysis, observational activities, and modelling.

Faculty of Sciences of the University of Lisbon (FCUL) was created in 1911, rooted in the Polytechnic School (1837-1911), and is an integral unit of the University of Lisbon, the largest and most prestigious university in Portugal. As an institution of creation, transmission, and diffusion of scientific and technological knowledge, FCUL promotes a culture of permanent learning, valuing critical thinking and intellectual autonomy. Its mission is research and teaching, and the transfer of knowledge and innovation in the areas of exact-, natural sciences and techno-sciences, as well as the dissemination and sharing of cultures, stimulating a permanent opening to the civil society

The local organization committee consists of: Cristina Ponte Lira (Coordinator), Maria da Conceição Freitas, Rui Taborda, Célia Lee, Ana Nobre Silva, Fátima Valverde, Ana Bastos and Daniel Pais..

## Conference Venue

This conference will only be a physical event. The conference is organised at the campus of the Faculty of Sciences of the University of Lisbon, located in Campo Grande, Lisbon. Lisbon is the capital and the largest city of Portugal, and the second-oldest European capital city. Lisbon has a rich historic past, from Roman occupation, to Moors and the city was established as Portuguese in 1147. Bathed by the river Tagus and very close to the Atlantic Ocean, Lisbon has a long history with the sea. The Mediterranean climate makes it an ideal place to visit all year round, allowing to fully enjoy the contrasting history, culture, and food.

## Sponsors



Porto de Lisboa



### SANA Metropolitan Hotel \*\*\*\*

This hotel provides a special rates for attendees of the conference.\*  
Please follow the booking process as indicated below:

- Contact the reservation center via email:  
[reservas@sanahotels.com](mailto:reservas@sanahotels.com)
- Indicate the special code "SedNet" or "Conference at University of Lisbon"
- Dates: 5-8 September 2023
- Room rates:
  - Standard room single occupancy: 150,00€
  - Standard room double occupancy: 170,00€
- City tax: 2,00€ per person per night
- The rates above include 6% VAT, buffet breakfast at the hotel's restaurant, internet wi-fi and access to the Gym (24h)
- The reservation center is aware of the conditions and agreement and confirms subject to availability



#### Address

R. Soeiro Pereira Gomes 2, 1600-198 Lisboa, Portugal

#### Location

1,8 kilometers walk from the university (23 minutes)  
7 kilometers from the airport.



### VIP Grand Lisboa Hotel & Spa \*\*\*\*\*

This hotel provides a special rates for attendees of the conference.\*  
Please follow the booking process as indicated below:

- Please make your reservation through the hotel's website:  
[www.viphotels.com](http://www.viphotels.com)
- Code: SEDNET
- Dates: 4-10 September 2023
- Room rates:
  - 148,00 / 160,00 €
- City tax: 2,00€ per person per night
- The rates above include 6% VAT and buffet breakfast
- Deadline for reservation 04th August 2023
- The reservation center is aware of the conditions and agreement and confirms subject to availability

#### Address

Avenida 5 de Outubro 197, 1050-054 Lisboa, Portugal

#### Location

1,9 kilometers walk from the university (24 minutes)  
6,2 kilometers from the airport.



**Radisson Blu Hotel, Lisbon \*\*\*\***

**Address**

Av Marechal Craveiro Lopes 390, Lisbon, 1749-009, Portugal

**Location**

600-meter walk from the University (8 minutes)

3 kilometers from Humberto Delgado Airport (LIS).



**Hotel NH Lisboa Campo Grande \*\*\*\***

**Address**

Campo Grande 7, 1700-087 Lisboa, Portugal

**Location**

1,1 km walk from the university (13 minutes)

5 kilometers from the airport.

**VIP Executive Entrecampos Hotel & Conference \*\*\*\***

**Address**

Avenida 5 de Outubro, 295, 1600-035 Lisboa, Portugal

**Location**

1,3 kilometers walk from the university (17 minutes)

5,5 kilometers from the airport.







Q.TA DO  
LAMBERT

Radisson Blu Hotel,  
Lisbon

Campo Grande M

Faculty of Sciences of the  
University of Lisbon  
Campo Grande 016  
1749-016 Lisboa  
Portugal

CAMPO GRANDE

Hotel NH Lisboa  
Campo Grande

SANA Metropolitan  
Hotel

VIP Executive  
Entrecampos  
Hotel & Conference

BAIRRO  
DO REGO

VIP Grand Lisboa  
Hotel & Spa

CAMPO  
PEQUENO  
Campo Pequeno M



## Language

The conference language will be English. No translation facilities will be provided.

## Conference fee

Regular fee: 500 euro, excl. VAT

Students: 200 euro, excl. VAT

If a student has submitted an abstract that has been selected for oral presentation, then his/her fee is waived.

The fee includes admission to the 3-day conference program, social events, conference dinner on the 7th of September and an excursion on the 9th of September.

## Registration

The registrations will open on 19 May 2023.

Registration and payment is organized via the platform of Converia. To start your registration, please follow the link below:

<https://express.converia.de/frontend/index.php?sub=1146>



## Further Information

SedNet Secretariat, Chayenne van Dijk

**E-mail:** [secretariat@sednet.org](mailto:secretariat@sednet.org)

**Website:** [www.sednet.org](http://www.sednet.org)

# SedNet



SedNet is the European network which aims to incorporate sediment issues and knowledge into European strategies to support the achievement of good environmental status or potential and to develop new tools for sediment management. Its focus is on all sediment quality and quantity issues at the river-sea system scale, ranging from freshwater to estuarine and marine sediments. SedNet brings together sediment professionals from science, administration, industry and consultancy. It interacts with the various networks in Europe that operate at national or international level or that focus on specific fields (such as science, policy making, sediment management, industry, education). Special attention was devoted in recent years to the integration of sediment management in the Water Framework Directive implementation process, and particularly in the River Basin Management Plans.

For more information about SedNet visit the website: [www.sednet.org](http://www.sednet.org)



## Appendix

### *List of posters that are not presented as a flash poster presentation*

Title abstract
Variability of Fallout Radionuclides in River Channels: Implications for Sediment Residence Time Estimations <i>Enrique Munoz-Arcos, University of Plymouth, United Kingdom</i>
Valorization of chestnut shell for the removal of heavy metals under real conditions <i>Mirza Nuhanović, University of Sarajevo, Bosnia and Herzegovina</i>
WODA working group on Reservoir Dredging <i>Polite Laboyrie, CEDA Witteveen+Bos, The Netherlands</i>
Assessment of Natural Radioactivity and Radiation Hazards in Coastal Sediments of Durrës, Albania <i>Elida Bylyku, Institute of Applied Nuclear Physics Tirana, Albania</i>
A case study on PFAS in different matrices downstream a waste processing company at River Nieuwe Kale, Belgium <i>Els Ryken, Flanders Environment Agency (VMM), Belgium</i>