

September 15 – 2015

08h30 – 18h00

WORKSHOP

Coastal Dune Forests under Scenarios of Groundwater Limitation: from Tropics to Mediterranean

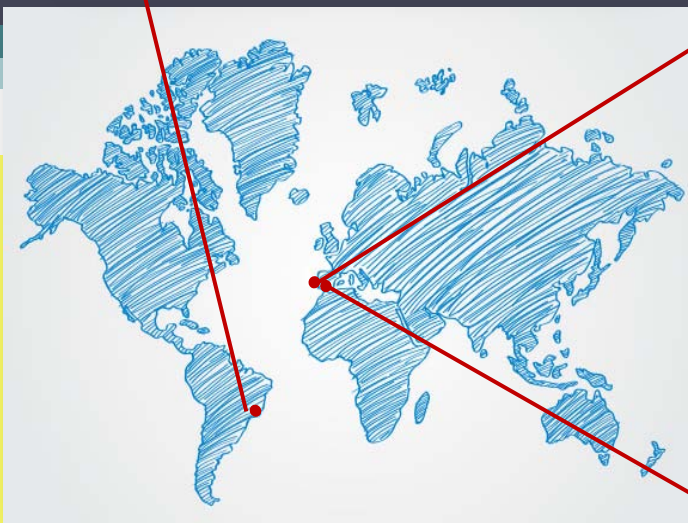
Faculty of Sciences, University of Lisbon
Building C1, 3rd Floor, FFCUL
Auditorium



Ubatuba, Brazil



Osso da Baleia, Portugal



Doñana,
Spain

Free entrance

Contact person:
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Join us!

WORKSHOP

Coastal Dune Forests under Scenarios of Groundwater Limitation: from Tropics to Mediterranean

PROGRAM

08:30| Participants reception

09:00| Cristina Máguas - Welcome session

Session 1 *Impacts of groundwater use on the hydrogeological systems*

Moderator: Maria João Pereira, CERENA, IST-UL

09:15| Catarina Silva (FCUL) ***The climate change influence on the freshwater-saltwater interface: causes and consequences***

09:45| Vitor Guerreiro (REN-Armazenagem) ***Underground natural gas storage in Osso da Baleia***

10:00| Ângela Pereira (IST-UL) ***Modeling of water table level at Osso da Baleia***

10:15 | Discussion of Session 1

10:30| *Coffee break*

Session 2 *Stable Isotopes as a tool to understand the impact of water dynamics in terrestrial ecosystems* Moderator: Cristina Máguas, cE3c-FCUL

11:00| Rolf Siegwolf (Paul Scherrer Institute) ***Stable Isotopes as a reliable tool to investigate plant water sources and relations***

11:40| Mari Cruz (Universidad de Sevilla) ***Avoider and tolerant strategies coexisting in Mediterranean dune species of Doñana dunes***

12:00| Maria Zunzunegui (Universidad de Sevilla) ***The application of Stable Isotopes to investigate plant-water sources in sand dunes***

12:15| Discussion of Session 2

12:45| LUNCH

Session 3 *Groundwater use by vegetation - The particular case of coastal forests*

Moderator: Mari Cruz Diaz, Universidad de Sevilla

14:00| Simone Vieira (IB-UNICAMP) ***Biota - Functional Gradient – a case study***

14:30| Cristina Máguas (cE3c-FCUL) ***Monitoring the impact of groundwater limitations in Osso da Baleia***

14:45| Cristina Antunes (IB-UNICAMP/ cE3c-FCUL) ***Analyses of the first results concerning the project “Coastal dune forests under scenarios of groundwater limitation: from Tropics to Mediterranean”***

15:15| Cristina Nabais (CFE-UC) ***Kinetics of tracheid development under Mediterranean climate: implications in tree hydraulics***

15:30| Discussion of Session 3

16:00| *Coffee break*

Session 4 *Modeling the impact of groundwater use under climate changes*

Moderator: Gil Penha-Lopes, cE3c-FCUL

16:30| Paula Mendes (CVRM, IST-UL) ***Groundwater and Climate Change: an overview***

17:00| Maria João Pereira (CERENA, IST-UL) ***Climate change and drought events in the past decade in Portugal***

17:15| Discussion of Session 4

17:30| Cristina Máguas (cE3c-FCUL) **Conclusions of the workshop**