

AGENDA

NEO workshop on *Wetlands and Ecohydrology*
Costa Navarino, Peloponnesos, Greece, October 20-26

THURSDAY, OCTOBER 20

Arrivals at Marathopolis

FRIDAY, OCTOBER 21

8:00 Meeting time to go together to the workshop venue

9:00 – 9:15 Welcome, workshop information, Georgia Destouni

9.15 Departure for Sgrapa monastery

9.30 Meeting at Sgrapa monastery. View of the lagoon from above, quick briefing on hydrology, flora and fauna by Hellenic Ornithological Society (HOS)

9.45 Departure for Gialova Lagoon

10.00-12.00 Visit of Gialova Lagoon covering the following topics:

- Birdwatching Trail till the Observation tower: Hydrology, birds and history of the lagoon
- Hide observatory: Birds and their habitats
- Nature Trail: Sensitive habitats/ chameleons
- Information Centre (old Pump House): HOS activities

12.00-12.30 Return to the workshop venue, quick coffee break

12.30-13.00 Presentation by HOS: “Gialova Lagoon. An Important Bird Area, part of the NATURA2000 network. Alterations occurred in hydrology and habitats during the 20th century”. Dimitris Bousbouras, Giorgos Maneas

13.00-13.30 Presentation by TEMES: “TEMES environmental monitoring system. Use of meteorological stations network for assessing the spatial distribution of rainfall in West Messinia. Preliminary analysis concerning the Xerolagado catchment and Gialova Lagoon.”
G. Antonopoulos, V. Karakousis

14:00 – 15:30 Joint lunch

15:30 – 18:00 Discussion, working groups (coffee available from 16:30)

SATURDAY, OCTOBER 22

10:30 – 14:00 Working groups (coffee available from 11:30)

14:00 – 15:30 Joint lunch

SUNDAY, OCTOBER 23

Free day

Possible activities arranged by Navarino outdoors department. Please register latest on Monday 17th (see attached information):

- Bike Trekking (Level Easy) Gialova Lagoon / Voidokilia
- Bike Trekking (Level Easy) Gargaliani / Proti Island
- Hiking Tour (Level – Medium) Polylimnio Waterfalls
- Hiking Tour (Level – Medium) Paleokastro

MONDAY, OCTOBER 24

9:00 – 9:30 Presentation of NEO by Karin Holmgren, Professor in Physical Geography and Director of NEO, and Nikos Kalivitis, PhD and NEO Station Manager

9:30 – 9:40 Georgia Destouni, WG introduction, tasks/questions

10:00 – 14:00 Speed presentations (5min + 5min questions/discussion) by participants

9:40 – 9:50 Georgia Destouni, Stockholm University - Linking climate, hydrological and ecological variability and change on landscape scales - role of wetlands?

9:50 – 10:00 Suresh Rao, Purdue University - Wetlandscapes AGOWRA

10:00 – 10:10 Jim Jawitz, University of Florida - Inequality and stationarity in catchment discharge and load

10:10 – 10:20 Nandita Basu, University of Iowa - Hydrologic Connectivity of Distributed Landscape Storage: Ideas for Collaboration

10:20 – 10:30 Matt Cohen, University of Florida - Emergent Inference from High Resolution Sensor Measurements in Wetlands and River Networks

10:30 – 10:40 Antonis Koussis, National Observatory of Athens (NOA) - Estimating flood discharges in ungauged Greek basins under conditions of hydro-climatic variability

10:40 – 10:50 John Juston, Royal Institute of Technology, Stockholm - Data based modeling and uncertainty analysis

10:50 – 11:00 Steve Lyon, Stockholm University - Linking landscape structure and hydrological response

11:00– 11:10 Jerker Jarsjö, Stockholm University - Plant uptake of elements in pore water

11:10 – 11:20 Katerina Mazi, Stockholm University and NOA - A sharp-interface analytical solution of sea-water intrusion in sloping coastal aquifers

11:20 – 11:30 Johanna Mård Karlsson, Stockholm University - Thermokarst lake and wetland complexes in north-western Siberia

11:30 – 11:45 Coffee break with NEO instrumentation presentation

11:50 – 12:00 Elin Karlsson, Purdue University - Wetlandscapes dynamics

12:00 – 12:10 Fernando Jaramillo, Stockholm University - Influence of land use change on basin hydrological flow partitioning

12:10 – 12:20 Carmen Prieto, Stockholm University - Land-sea and land-atmosphere hydro-climatic interactions

12:20 – 12:30 Ype van der Velde, Stockholm University - Catchment-scale mixing of water and nutrients

12:30 – 12:40 Nikki Vercauteren, Stockholm University - Open water surface evaporation

12:40 – 12:50 Helen Dahlke, Stockholm University - Identification of water sources using stable isotopes

14:05 – 14:15 Discussion

14:15 – 15:30 Lunch break

15:30 – 18:00 Working groups (coffee available from 16:30)

TUESDAY, OCTOBER 25

9:00 – 11:00 Working groups

11:00 – 11:30 Coffee break

11:30 – 13:30 Working groups

13:30 – 15:00 Lunch break

15:00 – 18:00 Working group reports. Discussion and conclusions. Action list. (coffee available from 16:30)

20:00 – 21:30 Joint dinner

WEDNESDAY, OCTOBER 26

Departures