



Invitation

AquaNES Workshop Market Needs & Potential for Natural Water Treatment Systems in Greece & the Eastern Mediterranean.

Date: Thursday, 22nd of November 2018

Venue: The Golden Age Hotel, 57 Michalakopoulou Street, 115 28 Athens Greece

This workshop is organised within the framework of the AquaNES project and focuses on the market needs and potential for natural treatment systems, and in particular constructed wetlands and managed aquifer recharge, in Greece and the Eastern Mediterranean.

We will disseminate AquaNES results and experiences and translate them into the Greek context, in terms of policy conditions, regulations, community needs, and local resources. The development of links with relevant stakeholders in Greece from policy, research institutes, utilities, industry consulting firms). Importantly, market opportunities, as well as drivers and barriers for the wider implementation of natural water treatment systems will be discussed and highlighted.

Programme*

9:00 – 9:30 Registration of participants

9:30 – 11:00 Session I: Nature Based Solutions – The AquaNES Project

Opening remarks

9:30 – 9:40 Dionysis ASSIMACOPOULOS, NTUA

9:40 – 9:50 Socrates FAMELLOS,
Alternate Minister of Environment & Energy of Greece

Setting the scene

9:50 – 10:05 The AquaNES Project:
Combined natural engineered solutions for water treatment challenges
Thomas WINTGENS, AquaNES Coordinator, FHNW

10:05 – 10:20 Nature-based approaches towards circular economy in the water sector – ambition of the HYDROUSA project
Simos MALAMIS, HYDROUSA Coordinator, NTUA

10:20 – 10:40 Current Practices & challenges for water and wastewater management in Greece
Andreas ANDREADAKIS, NTUA

10:40 – 11:15 Coffee break

**11:15 – 12:30 Session II: Integrating Nature into Sanitation Services -
Constructed wetlands (CWs)**

* Programme may be subject to changes without prior notice





- 11:15 – 11:35 CWs for wastewater treatment: Concept, principles, examples
Heribert RUSTIGE, Environmental Engineer, Founder of AKUT
- 11:35 – 11:50 Inline electrolysis for constructed wetland effluent reuse in Spain
Philippe OTTER, Environmental Engineer, AUTARCON GmbH
- 11:50 – 12:10 The WWTPs of Thirasia & Antiparos islands, Greece
Stamatis AVLONITIS, Head of Water & WW Treatment Facilities, DEYAT
Patricia STATHATOOU, NTUA
- 12:10 – 12:30 Constructed wetlands – the Greek experiences
Alexandros STEFANAKIS, Tender Manager - Constructed Wetlands Expert,
BAUER Resources GmbH / BAUER Nimr LLC, Muscat, Oman
- 12:30 – 13:30 Buffet lunch**
- 13:30 – 14:45 Session III - Managed Aquifer Recharge (MAR): Augmenting groundwater resources - motivations and challenges**
- 13:30 – 13:50 Overview of MAR systems
Marie PETTENATI, Hydrogeologist & Geochemist, BRGM
- 13:50 – 14:10 MAR solutions in response to saline intrusion in the Greek coastline
George KARATZAS, Technical University of Crete
- 14:10 – 14:30 Improved operation of a coastal MAR system by ICT:
The Agon Coutainville case
Loic THOMAS & Axel AOURET, Geohyd / Antea Group
- 14:30 – 14:45 MAR for water reuse: The case of Shafdan, Israel, Avi AHARONI, Mekorot
- 14:45 – 15:15 Coffee break**
- 15:15 – 16:25 Panel Discussion:
Implementation issues & market opportunities of natural systems
moderated by Thomas WINTGENS, AquaNES Coordinator, FHNW**
- Discussion panel**
- Andreas ANDREADAKIS, NTUA
 - Konstantinos VAFIADIS, Head, EYDAP NISON SA, Deputy Mayor of the Municipality of Vrilissia
 - Phoebe KOUNDOURI (Athens University of Economics and Business)
 - Dionysis ASSIMACOPOULOS, NTUA
- 16:25 – 16:30 Workshop conclusions**

Registration

Participation is free of charge but registration is required. Please register by email to info@aquanes.eu indicating your name, affiliation and contact details.

