

## Sustainable Solutions to Wastewater Management: *Maximizing the Impact of Territorial Co-operation*

**2<sup>nd</sup> International Scientific Conference Announcement**



**19-21 June 2015  
Kavala, Greece**

*This Scientific Conference is the final WASTEnet Program event  
organized under the auspices of the European Water Resources Association*

### **Scope**

The International Conference will explore the potentials of low cost and energy solutions to wastewater management. The scope of this Conference is to present through the activities carried out by the WASTEnet partnership the state of the art in the field of Sustainable Wastewater Treatment (WW) Systems (with emphasis on Natural Treatment Systems, Constructed Wetlands and other small or on-site treatment systems), aiming at their implementation potential in the wider Black Sea Basin area and generally in developing countries. The diffusion of the best available knowledge in this field from international experts and the exchange of experiences with an audience composed of key decision makers from the local, the regional and the national level, the EU representation in these Black Sea countries, NGOs, professional associations, the private sector and other major actors, is expected to decisively contribute to starting a process that will lead to tangible results for local communities and foster broader and deeper transnational cooperation in the wider Black Sea Basin region. The Conference will help local and regional authorities and stakeholders to gain insight on the role of innovative and environmentally-friendly technologies, in improving the environment in remote, rural communities of the broader Black Sea region. The Conference will be followed by a one day study visit in existing Natural Treatment Systems operating in the region of Macedonia, Greece.

### **Topics**

- *Urban and Industrial WW Treatment Systems*
- *Natural Treatment Systems and Constructed Wetlands*
- *Small and Medium WW Treatment Facilities*
- *Decentralized WW Treatment Systems*
- *On-site WW Treatment Systems*
- *Sludge Treatment Systems*
- *Wastewater Reuse*
- *Urban/Agricultural Runoff – Mine - Landfill leachate – EDCs – Pesticides Treatment*
- *Water Treatment, Water Quality*
- *Costs – Economics – Financing - Social Issues of Wastewater Treatment*
- *Environmental Footprint – Life Cycle Assessment, Performance Assessment and Risk Management*
- *Design and Performance Advancements in Natural Treatment Systems*
- *Case studies on Wastewater Treatment Systems*
- *Wastewater Legislation and Policies in EU and Black Sea Countries*
- *Public Health and Governance Issues.*

**Common borders. Common solutions.**

### **Expected outcomes**

The exchange of scientific information regarding research, design, operation, management, economics of NTS and other low cost WW treatment technologies; the promotion and adaptation of Natural Treatment Systems and Constructed Wetland technologies among the local authority administrators of Black Sea and other countries; the dissemination of these alternative technologies among engineers, planners, educators and managers; and the development of NTS and CWs design and operational guidelines, adapted to suit local conditions and legislative requirements.

### **Important Deadlines**

January 15 <sup>th</sup> 2015	Abstract Submission
January 31 <sup>th</sup> 2015	Abstract Evaluation and Acceptance
March 15 <sup>th</sup> 2015	Full Paper Submission
April 15 <sup>th</sup> 2015	Full Paper Reviews
May 15 <sup>th</sup> 2015	Final Paper Submission

**Abstract and Papers submission to the Conference Secretariat: Irini Kotti ([info@wastenet2015.org](mailto:info@wastenet2015.org))**  
**Selected papers will be published in Special Issues of the EWRA Journals: “Environmental Processes”, “Water Utility Journal” and “European Water” following the reviewing processes of the above journals.**

### **Registration Fees**

As this Conference is organized within the framework of WASTEnet Project, co-funded by EU and National Funds, participation will be **free of charge**.

### **Conference Venue**

The International Conference will take place in Kavala, Northern Greece. Kavala is the second biggest urban centre in Macedonia in a location of strategic importance and great development potential. The city is characterized by the picturesque seaside and the interesting architecture, combining neoclassical buildings with more modern ones. It is situated in Kavala Bay, across the island of Thassos. Kavala is located on the Egnatia motorway and is in one and a half-hour drive from Thessaloniki (160 km). It has its own airport as well as bus station.

### **Information:**

<http://wastenet2015.org/>  
[www.waste-net.info](http://www.waste-net.info)

### **Scientific Committee**

Vassilios A. TSIHRINTZIS, *National Technical University of Athens, Greece*  
Georgios SYLAIOS, *Democritus University of Thrace, Greece*  
Georgios GIKAS, *Democritus University of Thrace, Greece*  
George TSAKIRIS, *National Technical University of Athens, Greece*  
Allen AMIRKHANDIAN, *American University of Armenia*  
Ketevan KUPATADZE, *Illia State University, Georgia*  
Sibel KABAKCI, *Yalova University, Turkey*  
Jenica HANGANU, *Danube Delta National Institute, Romania*  
Nikolai BERLINSKY, *Ukrainian Scientific Center of Ecology of Sea, Ukraine*  
Olga COVALIOVA, *Eco-TIRAS, Moldova*

### **Local Organizing Committee**

Georgios SYLAIOS, *Democritus University of Thrace*  
Vassilios A. TSIHRINTZIS, *National Technical University of Athens*  
Aggelos LOGKARIS, *Kavala Municipal Water and Wastewater Enterprise*  
Menelaos HATZIAPOSTOLIDIS, *Municipality of Kavala*

Common borders. Common solutions.