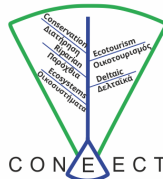




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- UNESCO Chair on Conservation and Ecotourism of Riparian and Deltaic Ecosystems
- Eastern Macedonia and Thrace Institute of Technology (EMaTTech), Greece

UNESCO Chair
Con-E-Ect

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SDGs*:

- > 3. Good Health and Well-being
- > 4. Quality Education
- > 6. Clean Water and Sanitation
- > 8. Decent Work and Economic Growth
- > 13. Climate Action
- > 15. Life on Land
- > 17. Partnerships for the Goals

The inauguration of the new MSc program Man and Water

by George N. Zaimis

The UNESCO Chair Con-E-Ect with the support of the UNESCO National Commission started a MSc Program entitled "Man & Water" (MaW) in October of 2018. The MSc program is a brand new and unique worldwide program which aims to address water challenges by the most integrated perspective and always by the prism of man's intervention. The MaW MSc provides a holistic approach on water related issues by involving several sectors of water such as water management both in surplus or demand conditions, energy use, climate change and water legislation. The program is designed to equip the graduates with the ability to work in the professional water sector environments where innovative academic skills are required. Graduates will be able to design, develop and apply solutions for water while meeting society's and environment's needs within the framework of climate change. The MSc has two specializations:
Water in a shortage conditions
Water in excess conditions
which makes it unique on a global level. This program is offered by Department of Forestry and NEM, EMaTTech.



Photos during the inauguration of the MSc Man and Water



For more information please visit our website: <http://manwater.teiemt.gr/?lang=en>

* SDGs: Sustainable Development Goals

by George N. Zaimes

The UNESCO Chair Con-E-Ect is participating in the project titled "Interdisciplinary Black Sea Basin Network for Joint Sustainable Monitoring of Migration of Toxic Compounds in the Environment, Improved Assessment of Environmental Status and Harmful Impact Assessment on Human Health and Prevention of Population Exposure" with the Acronym "MONITOX." The pro-



George N. Zaimes the Deputy Chair of the UNESCO Con-E-Ect presentation

ject is funded by the EU through the Black Sea Cross Border Cooperation Programme. The lead partner is the *Dunarea de Jos University*, Galati, ROMANIA and the other partners are *Eastern Macedonia and Thrace Institute of Technology*

(EMaTtech), Kavala, GREECE, the *National Research and Development Institute of the Danube Delta*, Tulcea, ROMANIA, the *Institute of Zoology*, Chisinau, Republic of MOLDOVA and the *Institute of Geology and Seismology*, Chisinau, Republic of MOLDOVA. Dimitris Emmanouloudis the Chair and George N. Zaimes the Deputy Chair presented in the seminar on the introduction of the MONITOX project. The seminar was held in the main campus-EMaTtech in Kavala on December 19th 2018.



Photos from the MONITOX project in Kavala on December 19th 2018

UNESCO Chair Con-E-Ect Present at the DREAMTOWN (ONEIPOYPIOAH) Festival

The DREAMTOWN (ONEIPOYPIOAH) Festival is a celebration for the Christmas Holidays of the Municipality of Drama, in eastern Macedonia, which is organized every year in the city center, specifically



in the Municipal Drama Garden and Liberty Square. It takes almost a month and includes events such as concerts, theater and dance performances, sporting events, games and other informational and entertainment programs. Each year it has thousands of visitors. The UNESCO Con-E-Ect



Team set up a stand and provided a leaflet on the activities of the Chair. This enhanced the visibility and awareness of the UNESCO Chair to the general public of the region.



by Giorgos Gkias



Sustainable



Development

Goals



Monitoring and Utilization of the Riparian Areas of the Municipality of Drama

by Valasia Iakovoglou

The Riparian areas are unique ecosystems that offer many services to humans. Urbanization is a big concern because it can degrade and reduce their functionality. In contrast, their proper management can provide important services to the citizens of the city they are running through. The services they can offer are improved quality of life of the citizens, reduced water pollution and mitigate climate change effects.

The overall objective of this project is to assess and provide recommendations on how to improve the ecosystem services of the riparian areas of the Municipality of Drama. This project is funded through the Strategy from Sustainable Urban Development of Eastern Macedonia and Thrace Region under the ESPA 2014-2020 and the funding was received by the Municipality of Drama.

The project has four main activities:

A. Measurements for the assessment of the urban riparian areas. With the use of visual protocols and GIS the state of the riparian areas of the city of Drama will be assessed and evaluated.



Implementing the Visual Protocol

B. Measurements and analysis of the water quality of urban streams. Water samples and measurements will be taken for approximately two years to assess the quality and quantity of the water resources of the city of Drama.



C. Develop a riparian area management plan. Based on the results of the previous two activities a plan to improve the riparian areas and the living conditions of the citizens will be developed.



D. Raising awareness of the citizens.

The citizens will be informed through the development and creation of an information kiosk, information signs, a workshop and other dissemination material.



By the end of the project the condition and potential of the utilization of the riparian areas will be assessed, recommendations for their improvement will be made and the citizens will be more aware of the importance of riparian areas.

We're on the Web!

<http://unescochair.teiimt.gr/>

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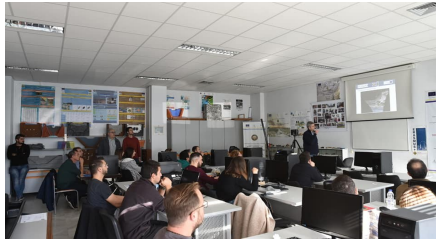
Utilizing new technologies to assess Riparian Areas

by Paschalis Koutalakis

Paschalis Koutalakis, a PhD student from Aegean University presented the benefits of using drones in watershed and riparian management.



Michael Xinogalos from Astrolabe engineering presented how Laser Scanning can enhance the implementation of Soil and Water bioengineering methods.



Bet Mota from Naturalea presented nature-based solution restoration projects implemented in Catalonia Spain. In addition, she explained the potential



and benefits of implementing similar projects in Greece. Finally, she visited and evaluated nature-based projects implemented in Drama, Greece

"The long-term objective of the UNESCO Chair on "Conservation and Ecotourism of Riparian and Deltaic Ecosystems" is to create a Common Strategy Framework that will govern the protection, study, development and ecotourism of deltaic and riparian environments."

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