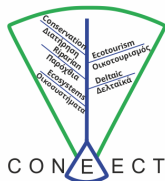![UNESCO] United Nations Educational, Scientific and Cultural Organization

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CON E ECT

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

Official invitation of European Commissioner C. Stylianides to talk about European Commission, International aid, development and cooperation, Justice and citizens' rights, 7/5/2018, Kavala, Greece.

by Dimitrios Emmanouloudis

Christos Stylianides, European Commissioner for humanitarian aid and crisis management presented and discussed the future of Europe with citizens in Kavala, Greece. The Commissioner talked in detail about rescEU - a tangible initiative of European solidarity to the European citizens, a safety net when national resources are not enough to cope with a disaster.

Twitter:

#EUdialogues

#FutureOfEurope

3 GOOD HEALTH AND WELL-BEING

17 PARTNERSHIPS FOR THE GOALS
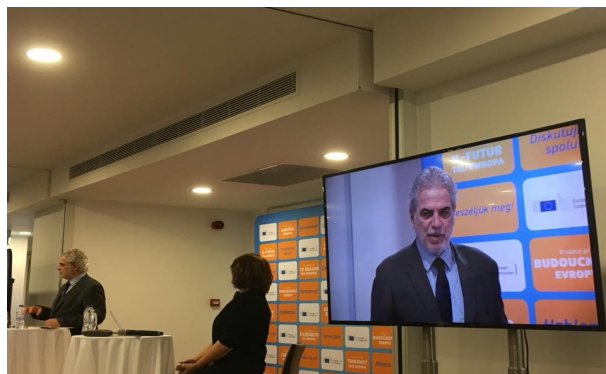
Photos from the presentation of the European Commissioner C. Stylianides in Kavala

UNESCO Chair Con-E-Ect

UNESCO Con-E-Ect 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

* SDGs: Sustainable Development Goals

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

17 PARTNERSHIPS FOR THE GOALS

1st International Symposium: "From Democritus to CERN: From Being to non-Being and from the Matter to anti-Matter", 17-18/5/2018, Avdera, Greece

by Io. Chatzivaryti

This Symposium was a tribute to Democritus, hosted at his hometown; attempting to follow the evolution of the atomic theory. The story begins with Democritus single acceptance: "Nothing exists except atoms and empty space; everything else is opinion" and reached out today's CERN's accomplishments. It was an initiative of the Municipality of Avdera and it is co-organized by the UNESCO Chair Con-E-Ect

The organizer of Symposium Avdera Municipality, UNESCO chair Con-E-Ect & CERN

along with CERN The symposium was also supported by the Democritus University, the National Technical University of Athens and the East Macedonia and Thrace Region.

The Symposium was included as part of the long term agreement that the Chair signed with the Municipality of Avdera is the effort that the latter is doing to develop it's ecotourism development strategy based on the rich history and

Photos from the 1st International Symposium

Celebration of the World Earth Day on the 22nd of April 2018 in collaboration with the Municipality of Paranesti and invited speaker Prof. M. Scoullos.

by Io. Chatzivaryti

Prof. M. Skoulos from the National and Kapodistrian Un. Of Athens presented the importance for humans to protect and conserve earth. In addition, students from the primary schools of Paranesti area, participated in field measurements which took place in Nestos River driven by the Chairholder Prof. D. Emmanouloudis as well as the rest of the scientific team of the Chair. Basic principles of fluvial hydrology and riparian management were presented to the students.

Photos from the presentation and the field measurements of the World Earth Day in Paranesti

"The whole meeting was held in a climate of positivity, creativity and active participation."

4 QUALITY EDUCATION

6 CLEAN WATER AND SANITATION

13 CLIMATE ACTION

VISUAL PROTOCOL AND GIS AS PRELIMINARY INVESTIGATIVE TOOLS FOR STREAMS AND RIPARIAN AREAS

The conservation and protection of riparian areas is a worldwide priority. The main reason is because humans have utilized riparian areas for thousands of years for agricultural or urbanization purposes. Establishing tools that quickly and accurately assess these areas that can help make proper management decision is the objective of this study. Specifically, the visual protocol of "Stream Visual Assessment Protocol (SVAP)", along with the buffer function of the Geographic Information System (GIS) were utilized and evaluated. The SVAP was developed in the United States and is a "rapid assessment protocol" that provides a quick, visual and systematic assessment of these natural ecosystems without interfering and altering them. This protocol has been applied in many regions and the version used has been modified for the Greek environment.

GIS was used to estimate the land-uses of the ripar-

Implementing the Visual Protocol

by George N. Zaimes
and Georgios Gkiatas

ian areas and is a program that integrates, stores, analyzes and presents geographic correlated data. These two tools were applied in Aggitis stream and its adjacent riparian areas that flows through the Drama Prefecture in Northern Greece. It is well known in the region because of a cave that the stream runs through, but also because it has a unique riparian forest. Lately, visitation has increased along the stream and the cave that has led to concerns that the stream and its riparian areas could be degraded if a sustainable management plan is not developed. This has made it imperative to assess the current condition along Aggitis stream. Both tools indicate degraded stream and riparian conditions with ecoengineering methods recommend improving the Aggitis ecosystem's integrity.

Utilizing new technologies for the Visual Protocol

Utilizing G.I.S. to assess Riparian Areas
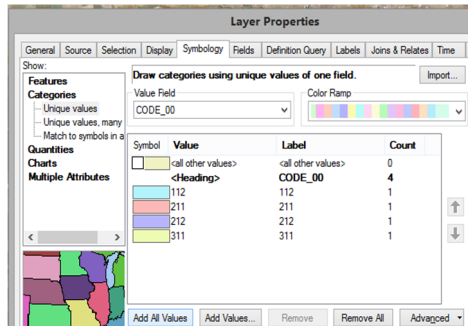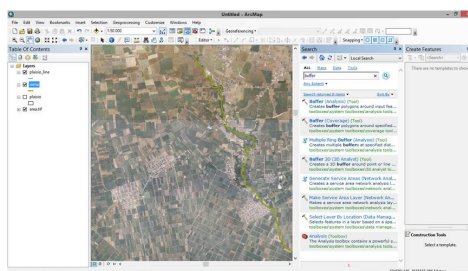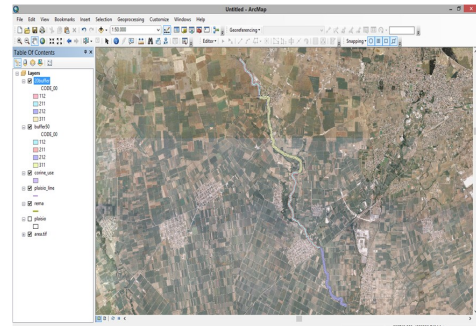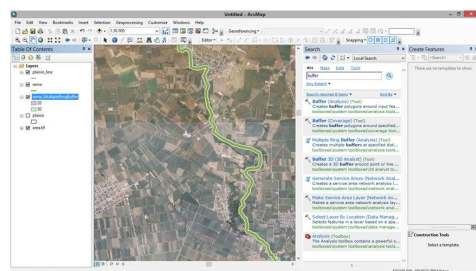

Different Land Uses based on Corine

Assessing riparian land uses 20 and 50 meters buffer from selected edge

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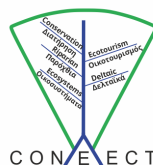
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UNESCO Chair on Conservation and Ecotourism of Riparian and Deltaic Ecosystems Eastern Macedonia and Thrace Institute of Technology (EMaTTech), Greece