

The Agricultural Research Institute (ARI) of Cyprus and the Geological Survey Department (GSD) are holding a scientific workshop titled «Rational management of irrigation water and polluted water bodies with emphasis on Hexavalent Chromium» in the lecture room of ARI, on 8th December 2017.


At the workshop will be presented the results of the European research Programme CrITERIA (KOINA/ERANETMED/0114/02) titled «Cr(VI) Impacted water bodies in the Mediterranean: Transposing management options for Efficient water Resources use through an Interdisciplinary Approach» which was organized with the cooperation of ARI and GSD.

The CrITERIA project aims to create a tool to help the authorities of managing water resources (Water Development Department, Water Board and others.) and the users of water, in the decision making process in periods of prolong drought, during extreme weather phenomena and when they have to manage polluted water. Regarding the pollution of water bodies from a significant pollutant, the Hexavalent chromium [Cr(VI)], experiments will take place to find ways to address this, in the frame of a system of integral management of water resources. The project includes research organisations from six European countries (Cyprus, Greece, Italy, Turkey, Jordan and Oman). The National Technical University of Athens is the coordinator of the project.



December 8, 2017
Agricultural Research Institute
1516 Aglantzia, Nicosia

CrITERIA 
 The project CrITERIA (KOINA/ERANETMED/0114/02) is funded by the Research promotion foundation (DESMI 2009-2010)

 <https://www.researchgate.net/project/CrITERIA-CrVI-Impacted-water-bodies-in-the-Mediterranean-Transposing-management-options-for-Efficient-water-Resources-use-through->

- 09:00 REGISTRATION (Coffee)
- 09:30 European Research programme CrITERIA: Description – Aims – Work Packages - Results
 Dr. E. Georgiadou - Agricultural Research Institute
- 09:45 CrITERIA: Cr(VI) Impacted water bodies in the Mediterranean: Conceptualisation and characterisation of the studied water bodies
 Dr. C. Christofi – Geological Survey Department
- 10:00 CrITERIA: Cr(VI) Impacted water bodies in the Mediterranean: Techniques and preliminary analytical results
 Dr. A. Zissimos - Geological Survey Department
- 10:15 CrITERIA: Cr(VI) Impacted water bodies in the Mediterranean: Utilising stable isotopes for water body characterization. Analytical and technical considerations
 Dr. Irene Christoforou - Geological Survey Department
- 10:30 Open discussion and Questions
- 10:40 INTERVAL (Coffee)
- 11:10 Management of Irrigation – Improved Irrigation systems and irrigation programmes
 G. Nikolaou – Department of Agriculture
- 11:25 Re estimation of irrigation needs of the main cultivations of Cyprus
 Dr. P. Dalias - Agricultural Research Institute
- 11:40 Rational Management of water Resources – Online applications
 Dr. D. Neocleous - Agricultural Research Institute
- 11:55 Project results «Investigation of the effects of the climatic changes on the irrigation of water consuming cultivations of Cypriot agriculture, with the use of satellite remote sensing»
 Dr. G. Papadavid - Agricultural Research Institute
- 12:10 Use of processed water in agriculture. Challenges and prospects
 Dr. A. Christou - Agricultural Research Institute
- 12:25 Open Discussion and Questions
- 12:55 END OF SEMINAR