

TOXICROP

Cyanotoxins in Irrigation Waters: Surveillance, Risk Assessment, and Innovative Remediation proposals

WORKSHOP | 22 February | 2019 | CIIMAR

SECTION 1: TOXIC ALGAE AND CYANOTOXINS – OCCURRENCE, MONITORING AND RISK ASSESSMENT

9.30 “Ecotoxicology studies of cyanobacteria”. Alexandre Campos - CIIMAR, Portugal”

10.00 “Cyanotoxins (Mcs) in irrigation water: What are the impacts on soil bacterial communities, plant physiology and crops yield? Brahim Oudra - University Cadi Ayyadi

10.30 “Occurrence of cyanotoxins in drinking and irrigation waters, and their accumulation in fish and vegetables”. Zakaria Mohamed – Sohag University, Egypt.

11.00 coffee break*

SECTION 2: WATER BIOREMEDIATION TECHNOLOGIES

11.30 “Multi-Soil-Layering System: A green and sustainable technology for wastewater treatment in developing countries rural areas”. Laila Mandi - University Cadi Ayyadi, Morocco.

12.00 “Constructed wetlands for water pollution control”. Pedro Carvalho - Aarhus University, Denmark

12.30 Lunch*

SECTION 3: CYANOTOXINS - METHODS OF DETECTION, TOXICOLOGY AND FOOD SAFETY

14.00 “Aptasensors for cyanotoxins detection” Isabel Cunha – CIIMAR, Portugal

14.30 “Molecular tools for the detection of toxic cyanobacteria” Cristiana Moreira - CIIMAR, Portugal

* Please, be aware that the registration in the workshop does not include coffee break or lunch.



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