

Urban Water course.

Training programme (13th, 14th, 15th, 18th & 19th September 2017)

Non-conventional water reuse: grey water, desalinated/desalted, treated wastewater, water harvesting (Urban – Peri Urban agriculture)

Day 1: Non-conventional water introduction (Mon 13th September)

Time	Activity
08.45	Registration of participants
09.00	Opening session: <ul style="list-style-type: none"> - Welcome address - Presentation of the training program - Presentation of the participants
9:30	Introduction non-conventional water concept: type of water, generation, characteristics, applications (L. Candela) Principles and technical aspects associated with non-conventional water and agriculture
11:30	Coffee-break
12.00	Water quality (L. Candela) Water quality characterisation: physico-chemical-biological parameters. Effects on crops and livestock
13:00	Lunch break
15.00	Impacts (L. Candela) Possible impacts caused by the use of non-conventional waters on soil, groundwater and environment.
17.00	Closure of the day

Day 2: Risks, legal aspects and case studies (Tues 14th September)

Time	Activity
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09.00	Risk assessment (L. Candela) Health considerations to be considered by the use of non-conventional waters.
11.30	Coffee break
12.00	Regulatory aspects (L. Candela) Consideration of the regulatory, technical and economic aspects
13.00	Lunch break
14.00	Case studies (L.Candela). Examples of application and success stories using of non-conventional waters
17.00	Closure of the day

Day 3: Field visit (Wed 15th September)

Time	Activity
09.00	Visit to the Waste Water treatment plant (L. Candela)

Day 4: Master class in writing and winning contract research (Monday 18th September)

Time	Activity
09.15	Identifying EU funding opportunities for research <i>Dr Cecilia Fenech Brincat, Research and Innovation Office, CU</i> Introduction to the online portals and research funding opportunities including Horizon 2020 programme; Delegates introduced to Research Professional and other search facilities; hands-on training in using search databases.
10.45	Coffee break
11.00	Developing a personal strategy for winning contract research <i>Prof Jerry Knox</i> Understanding the proposal writing process; what makes a good proposal; the 7 tips for successful proposal writing; ethics, Health and Safety and Environmental policy, gender aspects; evaluation criteria
12.30	Buffet lunch
13.30	Drafting a research proposal: individual exercise <i>Prof Jerry Knox, Dr Steve Hallett</i> Delegates given an Invitation to Tender (ITT) document with a project brief. They will then develop an outline plan for their research including potential partners, outline research approach, indicative budget, timeline and planned outputs. Round up and discussion with each delegate describing their planned approach for their proposal
17.30	Workshop close. Participants return to accommodation

Day 5: Research paper writing (Tuesday 19th September)

Time	Activity
09.00	<p>Transferable skills – the art of technical writing <i>Prof Jerry Knox</i> Learning how to write for different audiences is an important transferable skill. This lecture will cover technical writing, writing quality, and writing an Abstract</p>
10.30	Coffee break
10.45	<p>Writing a research paper <i>Prof Andre Thompson</i> Getting published is a critical element of research. This lecture will cover the peer review process, steps to writing a high quality science paper and getting published</p>
12.00	<p>Promoting and disseminating your research <i>Dr Ruben Sakrabani</i> Getting a paper published is only half the story. Getting your work disseminated, read, and cited is key to developing your research track record and reputation. This lecture will focus on different online systems, bibliographic databases, and ways in which you can maximise the impact and outreach of your research</p>
13.00	Workshop lunch