

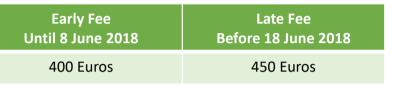
Climate change and environmental pollution and restoration





Palermo, Monday 25th – Friday 29th June 2018

Deadline for registration and fees



The fee includes course materials, coffee breaks and lunches. The fee does not cover other meals and lodging.

Payment instruction*

Bank account: 000300004577 Bank section: Unicredit S.p.A Bank Holder: Università degli Studi di Palermo IBAN CODE: IT09A0200804682000300004577 SWIFT CODE: UNCRITMMPAE Please quote when making payment: DICAM – SummerSchool 2018Fee_Name

*Public Institutions must contact the Organizing Secretariat before making the payment

Location

Università degli Studi di Palermo, Viale delle Scienze, Building 8 90128 Palermo, Italy «Aula del Consiglio DICAM»

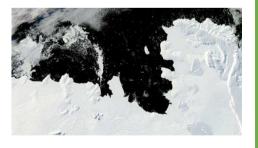
Information

www.unipa.it/sun

<u>Contacts</u> Secretariat: <u>summerschool2018.dicam.unipa@gmail.com</u> Office: (+39) 238965-52/14/55







Supported by:

Summer School

Climate change and environmental pollution and restoration

June 25-29, 2018 – Palermo, Italy

Promoted by:







Climate change and environmental pollution and restoration

Palermo, Monday 25th – Friday 29th June 2018



During the last years the awareness on Climate Change has considerably increased. Several efforts have been done to better understand the key phenomena involved and to identify the best strategies and technologies aimed at the environmental restoration.

The Summer School *Climate change and environmental pollution and restoration* will provide a comprehensive overview and a discussion platform for implications of global climate change for natural resource damage assessment, restoration and rehabilitation.

Who can/should apply?

This Summer School is aimed at professionals (Master, PhD or equivalent experience) in climate change, environmental pollution and restoration. The Summer School is also aimed at those already employed in industry who wish to up-date their theoretical knowledge and practical insight in this field.

Duration and period

Four days, Monday 25th - Friday 29th June 2018

Programme structure

The Summer School duration is four days (8 hrs per day). During the whole duration attendants will have the possibility to discuss their individual research activities and/or professional experiences.

Organizers

Gaspare Viviani, Palermo University – Chair Marco Capodici, Palermo University Alida Cosenza, Palermo University Daniele Di Trapani, Palermo University Giorgio Mannina, Palermo University Michele Torregrossa, Palermo University Gian Maria Zaccone, ENI





Summer School Lecturers

<u> 25 June, 15:00 - 17:30</u>

Prof. Peter Wadhams University of Cambridge, UK Global change and environmental effects

<u>26 June, 09:00 - 17:30</u>

Eng. Silvia Comba Syndial - ENI, Italy Development of nano and micro-scale zerovalent iron technology for aquifer remediation: measurements, modeling and mechanisms

Prof. Roberto Danovaro Marche Polytechnic University, Italy Biodiversity response to climate change

Prof. Barbara Sherwood Lollar University of Toronto, Canada New lines of research in remediation of contaminated sites

27 June, 09:00 - 17:30

Dr. Marco Capodici and Dr. Daniele Di Trapani

- Palermo University, Italy Permeable bio-barriers for nitrates removal from groundwater

Prof. Francesco Vitale and Dr. Carmelo M. Maida *Palermo University, Italy Health risks due to water and soil pollution*

Prof. Andrea Pace *Palermo University, Italy Environmental organic photochemistry*

Prof. Paola Quatrini Palermo University, Italy Exploring microbial diversity for bioremediation purposes

28 June, 09:00 - 17:30

Prof. Gaetano Di Bella and Prof. Gaspare Viviani Enna Kore University, Italy - Palermo University, Italy Contaminated marine sediments: characterization and techniques for their remediation or disposal

Dipartimento di Ingegneria

Civile. Ambientale.

Aerospaziale, dei Materiali

Eng. Alessia Avona Palermo University, Italy Ex-situ treatments of contaminated soil in bioslurry reactors

Prof. Mariachiara Zanetti Polytechnic University of Turin, Italy Environmental analysis of the ILVA plant in Taranto

Prof. Francesco Pirozzi University of Naples Federico II, Italy The environmental conditions of the Campania Plain: "Land of Fires" or "Campania Felix"?

Prof. Federico Vagliasindi Catania University, Italy Contaminated sites of National Interest: the case of Bagnoli

29 June, 09:00 - 13:30

Prof. Rajandrea Sethi *Polytechnic University of Turin, Italy Introduction to transport phenomena in porous media*

Prof. Tiziana Tosco *Polytechnic University of Turin, Italy Remediation of contaminated groundwaters with nanoparticles*

Prof. Nicola Gullo Palermo University, Italy Legal aspects of environmental pollution

