



Deadline for registration and fees

Early Fee Until 8 June 2018	Late Fee Before 18 June 2018
400 Euros	450 Euros

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

Payment instruction*

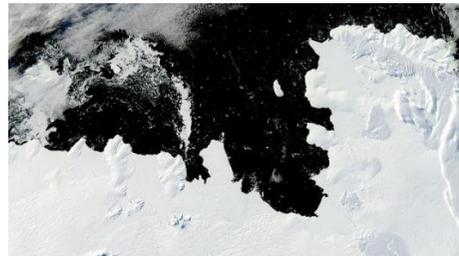
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***Public Institutions must contact the Organizing Secretariat before making the payment**

Location

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



Information

www.unipa.it/sun

Contacts

Secretariat:
summerschool2018.dicam.unipa@gmail.com
 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:





What is about?

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

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



Summer School Lecturers

25 June

Prof. Peter Wadhams

*University of Cambridge, UK
 Global change and environmental effects*

26 June

Eng. Silvia Comba

*Syndial - ENI, Italy
 Development of nano and micro-scale zero-valent 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

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

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*

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

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*