



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*

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

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
 Michele Torregrossa, Palermo University
 Gian Maria Zaccone, ENI



Summer School Lecturers

25 June, 15:00 - 17:30

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

26 June, 09:00 - 17:30

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, 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

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