

GENERAL INFORMATIONS

The Summer School will be held in Ravenna (Italy) at CIRSA (Interdepartmental Center for Research in Environmental Science - University of Bologna) from 6th to 13th June 2010 and will be taught in English.

The course teaching objectives consist of: learning how to make decisions with environmental risks; get acquainted with risk analysis; evaluate costs of action and inaction; compare sustainability assessment and risk assessment. The teaching faculty will address human and environmental risks due to recent events such as climate change, energy (nuclear energy in particular) and financial crises, and will evaluate the costs of action and inaction with respect to different scenarios to exemplify the usefulness of the methods discussed throughout the course.

The lecturers will discuss decisional theories, models, methods and paradoxes of the risk assessment and strategic decision making. The environmental impact assessment (EIA) and strategic environmental assessment (SEA) and life cycle thinking approaches will be confronted with the modus operandi of the risk management.

CONTENT OF THE COURSE

- Introduction to risk assessment and management– basic measures, methods and reasons
- Decision Theory: classical approaches; new methods; fast and frugal rules
- Introduction to dose-response methods
- Introduction to fault and event tree analysis
- EIA and SEA and risk assessment
- Sustainability Assessment and Risk management
- Case Studies

SCIENTIFIC COMMITTEE AND LECTURERS

Director: **Andrea Contin** (University of Bologna)

Scientific Committee: **Paolo F. Ricci** (University of Massachusetts and Holy Names University), **Giovanni Gabbianelli** (University of Bologna) and **Serena Righi** (University of Bologna).

Lecturers: **Paolo F. Ricci** (University of Massachusetts), **Luo-Ping Zhang** (Department of Environmental Science & Engineering and Vice Director of the Coastal & Ocean Management Institute - Xiamen University - P.R.China), **Giuseppe Magro** (International Association For Impact Assessment), **Leonardo Marotta** (AISA), **Massimo Andretta** (MedIngegneria srl; University of Bologna), **Stefano Bagli** (GECOSISTEMA srl), **Giovanni Gabbianelli** (CIRSA), **Enrico Dinelli** (CIRSA), **Elena Fabbri** (CIRSA), **Daniele Fabbri** (CIRSA), **Claudio Trombini** (CIRSA).

TARGET GROUP AND PREREQUISITES FOR ADMISSION

The course is designed for technical experts, professionals, organization and researchers who need an introduction to the analytical and qualitative methods used in environmental and health risk management. Also risk professionals and companies should consider to enroll. No prior knowledge of risk management is required. Applicants should send a CV accompanied by a cover letter to the e-mail: rita.caravita@unibo.it and diego.marazza@unibo.it. The course will be limited to a maximum of 25 students. The application will be evaluated on the basis of the applicant's curriculum vitae.

KEY DATES

25 May, 2010 - Application deadline

30 April 2010 - Payment deadline € 380,00 (early bird)

31 May, 2010 - Payment deadline € 480,00

04 June, 2010 - Cancellation with partial refund of 60% of the fee

ADMISSION AND FEE

480 Euro (400 Euro for AISA and EFAEP members): registration in the course including the teaching materials, visits and services (internet connection, library and dining room access) for a total of 7 days. Travel costs, board and lodging costs are not included. Information about accommodation could be requested to the e-mail: rita.caravita@unibo.it and diego.marazza@unibo.it.

Applications will be mailed to rita.caravita@unibo.it and diego.marazza@unibo.it including personal CV, by the date indicated above.

BANK TRANSFER TO

Università di Bologna

Polo Scientifico-didattico di Ravenna – Via Baccarini n. 27, 48100 Ravenna

Bank Code:

Unicredit banca –Sede di Ravenna

iban: IT35B0200813120000001483045

bic swift: UNCRIT2BRM0

Reason for payment: Risk Management 2010

All the candidates whose fee will be paid by a company/institution, must specify it and get in contact with rita.caravita@unibo.it and diego.marazza@unibo.it before sending the application (anyway, before 25 May, 2010).

ATTENDANCE CERTIFICATE AND CREDITS

All participants will be provided for an attendance certificate; 3 education credits (ECTS - European Credit Transfer and Accumulation System) will be delivered to students who will attend at least 80% of the activities.

SCHOLARSHIP

The scholarship can be requested directly when applying to the school.

Detailed informations are available on the dedicated website:

<http://g5.ambra.unibo.it/ERM2010/>

ORGANIZATION

DIRECTOR OF THE SUMMER SCHOOL

- prof. Andrea Contin

ORGANIZING COMMITTEE

- Environmental Management Research Group - CIRSA

TUTORS:

- Dott. Diego Marazza

diego.marazza@unibo.it - tel +39 0544 937334

- Dott. Lorenzo Benini

lorenzo.benini@unibo.it - tel +39 0544 937334

FIELD TRIP TO THE PETROCHEMICAL AREA NEAR RAVENNA

ORGANIZATION: PORT AUTHORITY OF RAVENNA AND Environmental Management Research Group

WEBITE: <http://g5.ambra.unibo.it/ERM2010/>



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



Fondazione Flaminia
Ravenna

International

SUMMER SCHOOL

2010 edition

ENVIRONMENTAL RISK MANAGEMENT

RAVENNA 06TH - 13TH JUNE 2010

