



VENICE ■ INTERNATIONAL UNIVERSITY

## CASS Training Program

# Water Pollution

Venice, November 20 - December 4, 2004

## Course Agenda

### **Theme: Water Pollution Control Policy in Italy**

Site Visit at IMET. *Lecture*: Water conservation policy in Italy (M. Carere, Life Quality Control Division, Freshwater Protection, Ministry of Environment and Territory - IMET)

Site Visit on the river Tevere.

### **Theme: Introduction to Venetian Culture and to the Environmental Issue in the Venice Lagoon**

Lecture: Introduction to the history of Venice (L. Pes, Assistant Dean of Venice International University, VIU and Professor of Contemporary History, University IUAV, Venice, Italy)

Lecture: Art and architecture in Venice (P. Modesti, Researcher on Modern Architecture in Venice, University IUAV, Venice, Italy)

Lecture: The evolution of the environmental issue in the Venice lagoon (J. Da Mosto, Collaborator of CORILA Consortium for Managing Research Activities in the Venice Lagoon within the project Venice in Peril Fund Cambridge Fund/Cambridge University)

### **Theme: Integrated Water Management**

Site visit to the Integrated Water Management Plant in Treviso

Site visit to VESTA S.p.A. Wells Field in Quinto, Treviso



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### **Theme: Economics of Water and Water Pollution in Agriculture**

Lecture: Water pollution in agriculture (C. Giupponi, Professor of Agricultural Ecology and Environmental Agronomy, University of Milan, Italy)

Lecture: Economics of water pollution control I (A. Massarutto, Professor of Financial Science and Tributary Law, University of Udine, Italy and Member of the Administration Committee of AMGA – the Municipal Water and Gas Service Enterprise)

Lecture: Economics of water pollution control II (A. Massarutto, Professor of Financial Science and Tributary Law, University of Udine, Italy and Member of the Administration Committee of AMGA – the Municipal Water and Gas Service Enterprise)

### **Theme: Water Pollution Management at International and Local Level**

Lecture: Water pollution management in the European Union – Part I (J.M. Martin, Honorary Director-European Commission, Adviser on “Environmental Science and Sustainable Development”)

Lecture: Water pollution management in the European Union – Part II (J.M. Martin, Honorary Director-European Commission, Adviser on “Environmental Science and Sustainable Development”)

Lecture: Local issues in water pollution (A. Ferronato, Water Observatory Superintendent – Regional Agency for Environmental Prevention and Protection of Veneto, ARPAV)

### **Theme: Water Quality Control Systems**

Site Visit at Thetis technological center

Lecture: Introduction of the institutions involved (Thetis, Regional Government, River Authority of North Adriatic Sea, Regional Agency for the environment protection).

Lecture: Restoring environmental equilibrium in the Venice lagoon: re-qualification and protection. Measures to restore the drainage basin (F. Strazzabosco, Manager, Geology & Water Division, Regional Venetian Government)

Lecture: Water quality control (A. Barbanti, Senior Project Manager, Thetis Technological Center)

Site Visit of Thetis laboratories

Lecture: Integrated watershed management (A. Rusconi, General Secretary, River Authority of North Adriatic Sea)

Lecture: Water quality control in coastal areas (M. Vazzoler, Manager, ARPAV- Regional Agency for the environment protection)



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**Theme: Industrial Waste Water and the Venice Lagoon**

Site Visit to the industrial waste water treatment plant

Site Visit to Consorzio Venezia Nuova. Introduction to the main activities for the Safeguarding of Venice and its lagoon.

**Theme: Water Conservation**

Lecture: Water conservation (S. Ferraris, Professor of Hydraulic-Forestal Interventions, University of Turin, Italy)

Lecture: Groundwater vulnerability to contamination: assessment and mapping (M. Civita, Professor of Applied Hydrogeology, Polytechnic of Turin, Italy and Head of the Italian National Program "Assessment of Aquifer Vulnerability" - GNDCI - CNR)

Site Visit: Turin and its rivers.



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