MEP Training Program

Environmental Monitoring Management

Italy, June 13-27, 2009

Course Agenda

**Theme: Italian Policies for Environmental Monitoring**

- **Lecture:** Environmental Metrology Unit (M. Belli, Head of Metrology Unit - ISPRA)
- **Site Visit** to Monitoring Labs (ISPRA - High Institute for Environmental Protection and Research)
- **Lecture:** Italian Environmental Policy and the Role of the Italian Ministry for the Environment, Land and Sea (C. Baffioni, Department for Environmental Research and Development, IMELS)

**Theme: Venetian History and its Environment**

- **Lecture:** Introduction to the History of Venice (L. Pes, Assistant Dean, Venice International University; Professor of Contemporary History, University IUAV of Venice, Italy)
- **Lecture:** The Evolution of the Environmental Problem in Venice: Towards a Sustainable City (P. Campostrini, CORILA - Consortium for Managing Research Activities in the Venice Lagoon)
- **Site Visit** to the Lagoon of Venice (TEN Staff)

**Theme: Environmental Monitoring in Italy: Focus on Air**

- **Lecture:** Air Pollution Control: Implementation of the European Policy at Local Level (F. Petracchini, CNR-IIA, National Research Council, Institute for Atmospheric Pollution)
- **Lecture:** The Air Pollution Monitoring System of the Veneto Region (ARPAV) (G. Marson, Air Observatory, ARPAV - Veneto Region Environmental Protection Agency)

**Theme: Environmental Monitoring: Tools**

- **Lecture:** Integrated Pollution Prevention and Control: the IPPC Directive (G. Formenton, ARPAV - Veneto Region Environmental Protection Agency, Laboratory Department)
- **Lecture:** The Veneto Region Network of Environmental Quality Laboratories: focus on Air Quality (G. Formenton, ARPAV - Veneto Region Environmental Protection Agency, Laboratory Department)
- **Lecture:** GIIDA: Integrated Management of Environmental Data (L. Bigagli, IMAA-CNR - National Research Council, Institute of Methodologies for Environmental Analysis)

**Theme: Environmental Monitoring at Local Level: Focus on Air Part II**

- **Lecture:** Presentation of the Industrial Monitoring and Alarm System SIMAGE in Venice: Design, Establishment and Management of the System (G. Puliero, ARPAV - Veneto Region Environmental Protection Agency)
- **Site Visit** to the Simage Control Room (ARPAV)
- **Site Visit** to the DOAS Monitoring Stations (G. Puliero, ARPAV - Veneto Region Environmental Protection Agency)
- **Site Visit** to an Urban Background Monitoring Station (E. Tarabotti, ARPAV - Veneto Region Environmental Protection Agency)
Theme: Environmental Monitoring: Focus on Water


Lecture: Monitoring Strategies and Emerging Pollutants in Italy (L. Guzzella IRSA-CNR, National Research Council, Water Research Institute, Brugherio)

Lecture: The Water Monitoring System in the Veneto Region (A. Ferronato, ARPAV – Veneto Region Environmental Protection Agency)

Theme: Environmental Monitoring at Local Level: Focus on Water

Site Visit to SMAT Waste Water Treatment Plant

Theme: Bio-Monitoring

Lecture: Environmental Monitoring in Rural Areas: the Use of Biosensors (M. Maffei, University of Turin)

Lecture: Environmental Monitoring (M. Giani, Ecobioqual)

Lecture: Study on Biological Monitoring Program in the Waterways in Shanghai Metropolitan Area (M. Giani, Ecobioqual)