CASS Training Program

Sustainable Urban Development and Eco-building
November 22- December 6, 2008

Course Agenda

**Theme: Sustainable Architecture and Urban Sustainable Development**

**Lecture:** Sustainable Architecture. Policies, Trends and Initiatives of Eco-building in Italy (S. Giulietti, Researcher, Department for Environmental Research and Development, IMELS)

**Theme: Integrated Waste Management**

**Lecture:** Integrated Waste Management (L. Morselli, Professor, University of Bologna, Rimini Branch)

**Lecture:** Landfill Management: the Sogliano Case Study (R. Costantini, Engineer, Sogliano Ambiente S.p.A.)

**Theme: Introduction to Venice**

**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 (S. Dalla Riva, Director, CORILA - Consortium for Managing Research Activities in the Venice Lagoon)

Site Visit to The Lagoon of Venice (S. Angelini, VIU-TEN)

**Theme: Urban Sustainable Planning**

**Lecture:** Sustainable Urban Planning (J. van der Borg, Professor, Ca’ Foscari University of Venice)

**Lecture:** Energy Efficiency in Existing Buildings Restoration (J. Gaspari, Researcher, Venice University Institute of Architecture, IUAV)

**Theme: Eco-building in Practice**

**Lecture:** Ecobuildings (M. De Carli, Research Fellow, Engineering Faculty, University of Padua, Italy)

**Lecture:** LTDS (Low Temperature Difference Systems) Developments and Case Histories (M. De Carli, Research Fellow, Engineering Faculty, University of Padua, Italy)
Theme: Transportation and Health Issues in Urban Sustainable Development
Site Visit: ITS (Intelligent Transport System) in Italy and China (F. Della Casa, Engineer, Thetis S.p.A.)
Lecture: Health Issues in Sustainable Urban Development (C. Maignan, Economist, IUAV)

Theme: Hazardous Waste
Lecture: Hazardous Waste Management (G. Genon, Professor, Polytechnic of Turin)

Theme: Urban Sustainability in Turin City
Lecture: Plan and Sustainability of Turin City (R. Pagani, Director, Softech)
Lecture: An overview on the Solar Photovoltaic Village in Alessandria (R. Pagani, Director, Softech)