



VENICE ■ INTERNATIONAL UNIVERSITY

CASS Training Program

Urban Sustainable Development and Eco-building

Italy, January 8-22, 2005

Course Agenda

Theme: Sustainable Architecture and Urban Sustainable Development

Site Visit at IMET.

Lecture: Sustainable architecture. policies, trends and initiatives of eco-building in Italy, Part I (S. Giulietti, Advisor, Department for Environmental Research and Development, IMET)

Lecture: Sustainable architecture. policies, trends and initiatives of eco-building in Italy, Part II (S. Giulietti, Advisor, Department for Environmental Research and Development, IMET)

Lecture: Urban sustainable development, Part I (P. Soprano, Director I Division, Department for Environmental Research and Development, IMET)

Lecture: Urban sustainable development, Part II (P. Soprano, Director I Division, Department for Environmental Research and Development, IMET)

Theme: Introduction to Venetian Culture and 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: An outline of the urban history of 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)



Ministry for the
Environment and Territory



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Theme: Urban Sustainable Development and Ecological Towns

Lecture: Urban sustainability: theoretical elements (A. Costa, Italian Ministry for the Environment and Territory - IMET)

Lecture: Urban sustainability: praxis (A. Costa, Italian Ministry for the Environment and Territory – IMET)

Lecture: Urban sustainability: an application - Huai Rou New Town (A. Costa, Italian Ministry for the Environment and Territory - IMET)

Theme: Urban Sustainable Development: Local Agenda 21, Energy Efficiency and Venice Defense

Lecture: Local Agenda 21 (E. D'Alessio, Advisor, Italian Local Agenda 21 Network, Municipality of Ancona)

Lecture: Energy efficiency in a urban sustainable development (L. Zingale, Director of AGIRE, Agency for Renewable Energy, Municipality of Venice)

Lecture: Measures for the protection of Venice and its lagoon: the defense of the city from high water (G. Cecconi, Environmental Engineering Department, Consorzio Venezia Nuova)

Theme: Ecological Planning and Eco-building

Lecture: Urban ecological planning, Part I (G. Longhi, Professor of Urbanistics, University IUAV, Venice, Italy)

Lecture: Urban ecological planning, Part II (G. Longhi, Professor of Urbanistics, University IUAV, Venice, Italy)

Site Visit – A case of Eco-building in Padua (R. Zecchin, Professor of Thermal Systems and temporary professor of Applied Acoustics, Engineering Faculty, University of Padua, Italy)

Theme: Principles, Standards and Cases of Eco-building

Lecture: Energy optimization of building-plant system (L. Schibuola, Professor of Working Planning, Department of Architecture/Construction, University IUAV, Venice, Italy)

Lecture: Energy saving in historical buildings and hospital plant systems (M. Strada, Professor of technique of Environmental Control, University IUAV, Venice, Italy)

Lecture: LTDS: low temperature different system: new developments and case study (De Carli, Engineer, Engineering Faculty, University of Padua, Italy)



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Theme: Ecological and Energy Efficient Building: the Sino-Italian Building at Tsinghua University and Other Case Studies on Eco-building

Lecture: Ecological and energy efficient building Part I (M. Cucinella, Architect, MCArchitects)

Lecture: Ecological and energy efficient building Part II (M. Cucinella, Architect, MCArchitects)

Lecture: Ecological and energy efficient building Part III (M. Cucinella, Architect, MCArchitects)

Theme: Turin and the Olympics

Lecture: Plan and sustainability in the frame of the Olympics (R. Pagani, Softech)

Lecture: The evaluation of sustainability projects expected within the Strategic Environmental Assessment of the XX Olympic Winter Games Torino 2006 (R. Giordano, Environmental Division, Authority for the Management of Turin Winter Olympics 2006 – TOROC)

Guided tour by Torino-bus through the new Olympic buildings



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