



VIU

Venice
International
University

TEN Center

Thematic
Environmental
Networks

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CASS Training Program
Sustainable Urban Development and Eco-building
November 21 – December 5, 2009

Course Agenda

Theme: Urban Sustainable Development

Lecture: Environmental policy at local level in Italy and the role of the Italian Ministry for the Environment, Land and Sea (P. Manzione, Department for Environmental Research and Development, IMELS)

Lecture: Urban Sustainable Development (A. Fianza, Department for Environmental Research and Development, IMELS)

Site Visit to Explora: Children's Museum

Theme: Introduction to Venetian Culture and its Environment

Lecture: History of Venice: Urban and Environmental Aspects (F. Zennaro, Researcher, TEN)

Lecture: The Evolution of the Environmental Problem in Venice: towards a Sustainable City. (S. Dalla Riva, Researcher, CORILA - Consortium for Managing Research Activities in the Venice Lagoon)

Site Visit: The Lagoon of Venice (TEN Center)

Theme: Eco-building: the Role of Industry

Site Visit to the Metadistretto Veneto of Ecobuilding

Lecture: Bioclimatic Architecture – Beyond Energy Efficiency (F. Marinelli, The Metadistretto Veneto of Ecobuilding)

Lecture: The Metadistretto Veneto of Eco-building (A. Tormena, The Metadistretto Veneto of Ecobuilding)

Site Visit to Residence Acqua Azzurra (G. Vendramin, CEV Enterprise)

Theme: Eco-building: Architecture Innovations

Lecture: Principle of Sustainable Design and Planning: Recent Researches and Approaches (L. Paschini, President, GiArch – Italian Young Architects National Association)

Lecture: Zero Energy House. Innovative Solutions for Architectural Projects (L. Paschini, President, GiArch – Italian Young Architects National Association)

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

Theme: Sustainable Mobility and Eco-building in Practice

Lecture: Sustainable Urban Mobility in the City of Milan (M. Bedogni, AMAT, Mobility, Environment and Land Agency of Milan)

Site Visit to Tifs, 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: Energy Efficiency Certification in Buildings and Waste Management

Lecture: Energy Efficiency Certification in Buildings: Policies (P. Romagnoni, University IUAV of Venice)

Lecture: Energy Efficiency Certification in Buildings: Case Studies (P. Romagnoni, University IUAV of Venice)

Site Visit to Veritas Integrated Waste Treatment Plant (A. Marchini, Director, Local Public Services, Veritas S.p.a. and F. Faraon, Researcher, Idecom srl)

Theme: Eco-building for Sustainable Communities

Lecture: "Casa Gaia Thermic-energetic Behaviour, an Experimental House where to Live and to Show Sustainable Systems" (G. Papa, Casa Gaia)

Site Visit to Energy Efficient Building "Casa Gaia" in Luserna San Giovanni

Theme: Water Treatment; Health Issues in Sustainable Development

Site Visit to SMAT S.p.A. Water Treatment Plant (L. Paglicci, SMAT S.p.A.)

Lecture: Urban Sustainability and Health in Turin City (E. Cadum, Arpa Piemonte)