

VIU Graduate Seminar

Title:

Framing global change and green economy in the Sustainable Development Goals



Date:

September 12-16, 2016

Coordinator:

Prof. Carlo Giupponi, Dean of VIU; Director of Venice Centre for Climate Studies, Professor of Environmental Economics, Dept. Economics, Ca' Foscari University of Venice.

In collaboration with Ca' Foscari University of Venice, PhD in Science and Management of Climate Change

Level of students and suitable fields of study:

Phd candidates in the fields of global change and sustainability studies, economics, environmental sciences (applications from graduate students will be considered)

Description

The school will introduce and widen the challenges within the newly introduced Sustainable Development Goals (SDGs) focusing on climate change challenges and green economy, referring to several specific SDGs.

The aim of the school is exposing participants (PhD and graduate students) to principles and issues related to the SDGs and climate change, analysing them from different points of view and providing tools and methodologies to apply, among the others (i) economic and political tools, (ii) consumers' behaviour and demand role, (iii) innovation and technical aspects, (iv) indicators and evaluation techniques.

The school is organized as a combination of lectures and student activities from Monday morning to Friday. The participants will be involved in lectures and in group work for practising and applying the tools and techniques presented.

Program

Monday, September 12 - Day 1

9:20-9:45 – Opening

9.45-11.00 – Lecture: An Introduction to SDGs and their Links with Global Change
- Marco FREY, SSSUP

11:00-11.15 – *Coffee break*

11.15-12.45 – Lecture: Physics of Climate Change and Energy Budgets (SDG7&13)
- Francesco BERRILLI, Tor Vergata University

13.00-14.30 – *Lunch*

14.30-16.00 – Hands on Sustainability Indicators and Indexes – Lorenza
CAMPAGNOLO, FEEM

Tuesday, September 13 - Day 2

9.15-10.45 – Lecture: Green Economy in a Global Change Perspective
(SDG8;12&13) - Ignazio MUSU, Ca' Foscari University of Venice and
VIU

10:45-11.15 – *Coffee break*

11.15-12.45 – Lecture: Multi-actor Integrated Assessment Models (SDG8;9&13) -
Klaus HASSELMANN, Max Plank Institute for Meteorology

13.00-14.30 – *Lunch*

14.30-17.00 – Hands on Experience with Multi-Actor Models - Klaus HASSELMANN

Wednesday, September 14 - Day 3

9.15-10.45 – Lecture: Greening Consumers' Behaviours (SDG12) - Mariangela
ZOLI, U. Tor Vergata

10:45-11.15 – *Coffee break*

11.15-12.45 – Lecture: Adapting to Climate Change in Cities (SDG11&13) -
Francesco Musco, IUAV of Venice

13.00-14.30 – *Lunch*

14.30-17.00 – Hands on Experience with Behavioural Economics Experiments -
Mariangela ZOLI



Thursday, September 15 - Day 4

9.15-10.45 – Lecture: An introduction to the Microeconomics of Climate and Energy Policies (SDG7&13) - Alessio D'AMATO, Tor Vergata University

10:45-11.15 – *Coffee break*

11.15-12.45 – Lecture: Environmental Economic Perspective on Energy (SDG7&13) - Arturo LORENZONI, University of Padua

13.00-14.30 – *Lunch*



14.30-17.00 – Hands on experience with Partial Equilibrium Analysis of Environmental Policy - Alessio D'AMATO

Friday, September 16 - Day 5

9.15-10.45 – Lecture: Assessment of SDGs in space and time (SDG2;6&7) - Carlo GIUPPONI, Ca' Foscari University of Venice and VIU

10:45-11.15 – *Coffee break*

11.15-12.45 – Lecture: The Principles of Industrial Ecology and Quasi-Cyclical Economy (SDG9&12) - Suren ERKMAN, UNIL

12:45-14:00 - Farewell lunch



Venice Centre for Climate Studies



PhD in Science and Management of Climate Change