

Summer Program in Venice - 2016

Environmental Management in a Changing World: Coping with Sea Level Rise

Schedule

1st week (11-16 July 2016)

Courses:

1. Global environmental change, global warming, changing oceans and sea level rise (Georg Umgiesser)
2. The impact of sea level rise and climate change on global water resources (Mario Putti)
3. Coastal environmental change processes: modelling and prediction (Andrea D'Alpaos)
4. Coastal wetlands ecology, restoration and management (Tjeerd Bouma)

Mon (July 11th)

9:00 - 9:15 *Welcome to the summer program- Carlo Giupponi and Sonia Silvestri*

9:20 - 10:50 Georg Umgiesser

11:00-12:30 Mario Putti

13:30 - 15:00 Andrea D'Alpaos

15:10 - 16:40 Tjeerd Bouma

Tue (July 12th)

9:00 - 10:45 Georg Umgiesser

11:00 - 12:45 Tjeerd Bouma

14:00 - 18:00 **interactive lab session** lead by Georg Umgiesser (co-tutor: Marco Marani)

Wed (July 13th)

9:00-10:45 Georg Umgiesser

11:00-12:45 Tjeerd Bouma

14:00-18:00 **field trip** to the salt marshes of the northern lagoon lead by Tjeerd Bouma (co-tutor: Sonia Silvestri)

Thu (July 14th)

9:00-10:45 Andrea D'Alpaos

11:00-12:45 Andrea D'Alpaos

14:00-18:00 **interactive lab session** lead by Andrea D'Alpaos (co-tutor: Marco Marani)

Fri (July 15th)

9:00-10:45 Mario Putti

11:00-12:45 Mario Putti

14:00-18:00 **field trip** to the Ca' Bianca Land Reclamation Management Consortium, lead by Mario Putti (co-tutor: Sonia Silvestri)

Sat (July 16th)

9:00-11:00 time to study and to prepare final presentations

11:00 – 13:00 presentations

14:00-15:00 **final test on the first part of the program**

2nd week (18-23 July 2016)

Courses:

5. Planning for Natural Hazards and Climate Change Adaptation in Coastal Areas (Gavin Smith)

6. Extreme events in coastal areas: data analysis and modeling (Marco Marani)

7. Climate change, sea level rise and global health in coastal areas (William Pan)

8. Environmental monitoring of coastal morphology and water quality (Sonia Silvestri)

Mon (July 18th)

9:00-9:15 *introduction to the second week - Sonia Silvestri*

9:15-10:45 Sonia Silvestri

11:00-12:30 Marco Marani

13:30-15:00 Gavin Smith

15:10-16:40 William Pan

Tue (July 19st)

9:00-10:45 Marco Marani

11:00-12:45 Gavin Smith

14:00 – 16:30 **interactive lab session** lead by Gavin Smith and Marco Marani

Wed (July 20nd)

9:00-10:45 Marco Marani

11:00-12:45 Gavin Smith

14:00-18:00 **field trip** to the Arsenale – visit to the MOSE control room - Consorzio Venezia Nuova: speaker Elena Zambardi

Thu (July 21st)

9:00-10:45 William Pan

11:00-12:45 Sonia Silvestri

14:00-18:00 **field trip** on mosquitos' collection lead by William Pan (co-tutor: Sonia Silvestri)

Fri (July 22nd)

9:00-10:45 William Pan

11:00-12:45 Sonia Silvestri

14:00-16:00 **interactive lab session** lead by William Pan and Sonia Silvestri

16:00-18:00 time for studying and for preparing final presentations

Sat (July 23rd)

9:00-11:00 **final test on the second part of the program**

11:00-13:00 final presentations

13:30 closing ceremony and lunch