



**Venice International University
International PhD Academy
Global Challenges Initiatives:
Cities and Water in a time of Climate Change**

**Venice International University
June 1 – 5, 2020**

Faculty

- Patrizio Antici, Institut National de la Recherche Scientifique (INRS), Canada
- Mariam Traore Chazalnoel, International Organization for Migration (IOM), New York
- Andrea D'Alpaos, University of Padua, Italy
- Bruno De Meulder, KU Leuven, Belgium
- Stephan Dudeck, European University at St. Petersburg, Russia
- Uwe Lübken, Ludwig Maximilian University, Germany
- Francesco Musco, Iuav University of Venice, Italy
- Oleg Pachenkov, European University at St. Petersburg, Russia
- Kelly Shannon, KU Leuven, Belgium
- Renzo Rosso, Polytechnic University of Milan, Italy
- Maria Chiara Tosi, Iuav University of Venice, Italy (Coordinator)
- Margherita Turvani, Iuav University of Venice, Italy (Coordinator)
- Paola Viganò, Iuav University of Venice, Italy and Ecole polytechnique fédérale de Lausanne (EPFL), Switzerland
- Michele Vurro, Water Research Institute (IRSA), National Research Council of Italy (CNR)
- Jiane Zuo, Tsinghua University, China
- Gideon Wolfaardt, Stellenbosch University, South Africa
- Alessandra Fornetti, Venice International University
- Ilda Mannino, Venice International University

Agenda

Day 1 | Monday, June 1, 2020

9:15-9:30 *Welcome coffee & Registration*

9:30-10:00 Opening & Participants' presentation (*Venice International University & students*)
Introduction to the course (M.C. Tosi and M. Turvani, *Iuav University of Venice*)

- 10:00-11:00 Lecture: City and Water in an Historical/Geographical Perspective (Renzo Rosso, *Polytechnic of Milan*).
- 11:00-11:30 Q&A
- 11:30-12:30 Lecture: Venice and its Lagoon: a Matter of Water (Andrea D'Alpaos, *University of Padua*)
- 12:30-13:00 Q&A
- 13:00-14:15 Lunch**
- 14:15-15:15 Framing the Water & Cities main Issues: Discussion with the lecturers and start of work groups
- 15:15-17:30 Site visit: Venice Lagoon (private boat from San Servolo pier)

Day 2 | Tuesday, June 2, 2020

- 9:15-10:15 Lecture: Water and Wastewater in Cities (Jiane Zuo, *Tsinghua University*)
- 10:15-10:45 Q&A
- 10:45-11:00 Break**
- 11:00-12:00 Lecture: Water Scarcity, Quality and (re)Allocation: the Need for Socio-Technical Innovation (Gideon Wolfaardt, *Stellenbosch University*)
- 12:00-12:30 Q&A
- 12:30-13.45 Lunch**
- 13:45-15:00 Poster session
- 15:00-17:30 Transversal Skills Session, Project (Patrizio Antici, *INRS*)

Day 3 | Wednesday, June 3, 2020

- 9:15-10:15 Lecture: Settling with Waters: Asian Urbanisms (Kelly Shannon, *KU Leuven*)
- 10:15-10:45 Q&A
- 10:45-11:00 Break**
- 11:00-12:00 Lecture: Adaptation Measure to Reduce the Impact of Climate Change in Heavy Populated Areas: the MAR (Managed Aquifer Recharge) Approach (Michele Vurro, *IRSA, CNR*)
- 12:00-12:30 Q&A
- 12:30-13.45 Lunch**
- 13:45-15:00 Poster Session

15:00-17:30 *Transversal Skills Session*
Apply participatory approach in projects (Oleg Pachenkov, *European University at St. Petersburg, Russia* and Francesco Musco, *Iuav University of Venice*)

Day 4 | Thursday, June 4, 2020

9:15-10:15 Lecture: City and Water in a Time of Climate Change, (Paola Viganò, *Iuav University of Venice* and *EPFL*)

10:15-10:45 Q&A

10:45-11:00 Break

11:00-12:00 Lecture: Cities, Water and Environmental Migrant (Mariam Traore Chazalnoel, *IOM*)

12:00 -12:30 Q&A

12:30-13:45 Lunch

13:45-14:45 Lecture: Water Disaster Related Migration (Uwe Lübken, *LMU*)

14:45-15:15 Q&A

15:15-17:30 *Transversal Skills Session*
Science Communication (Alessandra Fornetti and Ilda Mannino, *Venice International University*)

Day 5 | Friday, June 5, 2020

9:15-10:15 Lecture: "Cities in a Wet and Frozen Land – Effects of Environmental Change in the Arctic for urban life" (Stephan Dudeck, *EUSP*)

10:15-10:45 Q&A

10:45-11:00 Break

11:00-12:00 Settling with Waters: Belgian Urbanisms (Bruno De Meulder, *KU Leuven*)

12:00-12:30 Q&A

12:30-13:45 Lunch

13:45-16:30 Project presentation
Discussants: All the available faculty

16:30-17:00 Workshop and Sum-up

Closing cocktail (or Social Dinner during the week)