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

Venice International University
February 14-18, 2022

Faculty
- 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
- Jiane Zuo, Tsinghua University, China
- Kelly Shannon, KU Leuven, Belgium
- Bruno De Meulder, KU Leuven, Belgium
- Raffaele Giordano, Water Research Institute (IRSA), National Research Council of Italy
- Andrea D’Alpaos, University of Padua, Italy
- 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
- Gideon Wolfaardt, Stellenbosch University, South Africa
- Alessandra Fornetti, Venice International University
- Ilda Mannino, Venice International University
- Mariam Traore Chazalnoel, International Organization for Migration (IOM), New York
- Renzo Rosso, Polytechnic University of Milan, Italy

Day 1 | Monday, February 14, 2022

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
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, February 15, 2022

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 (tbd)

Day 3 | Wednesday, February 16, 2022

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 (Raffaele Giordano, 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, February 17, 2022

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, February 18, 2022

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)