



**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 - [online](#)
- 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 – [online](#)
- Francesco Musco, Iuav University of Venice, Italy
- Oleg Pachenkov, European University at St. Petersburg, Russia – [online](#)
- Gideon Wolfaardt, Stellenbosch University, South Africa – [online \(tbc\)](#)
- Alessandra Fornetti, Venice International University
- Ilda Mannino, Venice International University
- Mariam Traore Chazalnoel, International Organization for Migration (IOM), Geneva
- Renzo Rosso, Polytechnic University of Milan, Italy - [online](#)
- Patrizio Antici, Institut National de la Recherche Scientifique (INRS), Canada

**Day 1 | Monday, February 14, 2022**

**9:15-9:30**      *Registration*

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

- 10:00-11:00 Lecture: City and Water in an Historical/Geographical Perspective (Renzo Rosso, *Polytechnic of Milan*) - [online](#)
- 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, February 15, 2022

- 9:15-10:15 Lecture: Water and Wastewater in Cities (Jiane Zuo, *Tsinghua University*) - [online](#)
- 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*) – [online \(tbc\)](#)
- 12:00-12:30 Q&A
- [12:30-13.45](#) *Lunch*
- 13:45-15:00 Poster session
- 15:00-17:30 Transversal Skills Session  
Science Communication (Alessandra Fornetti and Ilda Mannino, *Venice International University*)

## Day 3 | Wednesday, February 16, 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 Lecture: Nature-based Solutions as Adaptation measures to cope with climate change in heavily populated areas (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 (Francesco Musco, *Iuav University of Venice* and Oleg Pachenkov, *EUSP* – [online](#))

#### 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

13:45-15:45 Transversal Skills Session, Introduction to project management and negotiation skills (Patrizio Antici, *INRS*)

16:00-17:00 Lecture: Water Disaster Related Migration (Uwe Lübken, *LMU*) – [online?](#)

17:00-17:30 Q&A

#### Day 5 | Friday, February 18, 2022

9:15-10:15 Lecture: Settling with Waters: Asian Urbanisms (Kelly Shannon and Bruno De Meulder, *KU Leuven*)

10:15-10:45 Q&A

10:45-11:00 Break

11:00-12:00 Settling with Waters: Belgian Urbanisms (Kelly Shannon and 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