



**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](#)
- 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
- Marta De Marchi, Iuav University of Venice, Italy
- Michela Pace, Iuav University of Venice, Italy
- Luca Velo, Iuav University of Venice, Italy

Day 1 | Monday, February 14, 2022

9:15-9:30

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*) - [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. (Michela Pace, Marta De Marchi, Luca Velo, *Iuav University of Venice*)
- Work in 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](#)
- 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](#))



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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