



# 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, luav 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

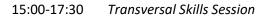
#### Day 1 | Monday, June 1, 2020

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, *Juan University of Venice*)

| 10:00-11:00                     | Lecture: City and Water in an Historical/Geographical Perspective (Renzo Rosso, <i>Polytechnic of Milan</i> ).  |  |
|---------------------------------|---|--|
| 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, <i>Stellenbosch University</i> )                    |  |
| 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  |  |

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Apply participatory approach in projects (Oleg Pachenkov, European University at

Venice International

University

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, <i>Iuav University of Venice</i> and <i>EPFL</i> )   |
|--------------|--|
| 10:15-10:45  | Q&A  |
| 10:45-11:00  | Break  |
| 11:00-12:00  | Lecture: Cities, Water and Environmental Migrant (Mariam Traore Chazalnoel, <i>IOM</i> )                                 |
| 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, <i>EUSP</i> ) |
|-------------|--|
| 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   |
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| 16:30-17:00 | Workshop and Sum-up  |

Closing cocktail (or Social Dinner during the week)