



## PEOPLE 2023 – Call for Abstracts

Dear Colleagues,

Greetings from PEOPLE 2023! We are pleased to share our updates and invite you, your colleagues, and your students to the **PEOPLE 2023 International Conference – Collaborative Solutions to Environmental Problems under Climate Change** on August 7-11 in Montreal, Canada. The main body of the conference will be in-person but we will provide unique webinar-style sessions for those who are unable to travel. We encourage you all to join us in-person in Montreal and enjoy the 5-day event filled of rich and colorful activities from workshops, keynote speeches, technical sessions, poster and exhibitions, social event (cruise banquet), field tours, etc.

PEOPLE 2023 is also the 6th annual conference of the global Network on Persistent, Emerging and Organic Pollution in the Environment (**PEOPLE Network**; [www.People-Network.ca](http://www.People-Network.ca)), and co-hosted with Memorial University and the Concordia Institute of Water, Energy and Sustainable Systems of Concordia University, along with partners including the University of the Arctic, the International Water Association Young Water Professionals Canada (IWA-YWP Canada), and several supporting Journals. The PEOPLE Network has more than 200 professional members, plus over 200 students, from over 30 institutions and 50 partners from private and public sectors and community groups in Canada and worldwide. It is the largest consortia of its kind dedicated to research, development and education on persistent, emerging and organic pollution by cross-nation, cross-institution, and cross-disciplinary approaches. It has been mainly funded by Natural Sciences and Engineering Research Council of Canada (NSERC).

PEOPLE 2023 will continue to provide an international venue and bring together researchers and professionals from diverse sectors and disciplines in natural science and engineering, health, social science, and humanities, to present their achievements and innovations, spark ideas, share information, grow connections, and explore opportunities. This year, our keywords are: **# Climate Change # Emerging Contaminants # Oil & HNS # Community # Arctic & Cold Regions # Urban & Rural Environments # Ocean & Coast # Soil & Sediment # UN SDG # Emission Reduction # New Fuels # Policy & Management # Education & Training.**

**Committees and Speakers:** We are delighted to introduce our dedicated members of Organizing and Scientific Committees and esteemed Keynote Speakers **Dr. Howard Alper (Canada), Dr. Ibrahim Banat (UK) and Dr. Jinren Ni (China) et al.** Please see the enclosed lists for details.

**Supporting Journals and Publishers:** *Environmental Systems Research (Springer Nature), Marine Pollution Bulletin (Elsevier), and Water (MDPI).* Special issues will be organized after the event based on invitation.

**Sponsorship and Exhibitions:** PEOPLE 2023 offers different levels of benefits to our Sponsors and Exhibitors. Please check out our [sponsorship and exhibition package](#) and share via your network.

Stay tuned on our [conference website](#) for event agenda, conference venue, and field trips.



**Call for abstracts:** We invite you to submit an abstract to our general technical sessions and special sessions. The abstract submission deadline is **May 1, 5:00 pm Eastern Time (extended)**:  
<https://www.people-network.ca/index.php/people-2023/>

General technical sessions/conference themes

- Climate Change Mitigation, Adaptation and Planning
- Climate Change Modeling and Impact Assessment
- Emerging Contaminants - Fate, Transport and Effect
- Environmental Biotechnology and Nanotechnology
- Environmental Modeling and Decision Making
- Environmental Sustainability, Human Health and Ecotoxicology
- Inland and Marine Oil Spill Response
- Marine and Coastal Environmental Protection
- Waste Management and Minimization
- Water and Wastewater Treatment
- Water Resources and Water Quality Management
- Others

Special technical sessions (read details [here](#))

- Chemicals of Emerging Arctic Concern: Sources and Environmental Fate
- Microplastics and Nanoplastics: Challenges and Advances in Characterization, Risk Assessment, and Management
- Impacts and Cleanup of Inland and Marine Oil Spills
- Challenges and Solutions for the Environmental Problems in Indigenous Communities
- Sustainable Transport, Logistics and the Environment
- Technology Development in Agricultural Waste Management
- Exposure Risk and Environmental Assessment of Persistent Organic Pollutants
- Infrastructure Systems and the Environment
- Environmentally Sustainable Management of Personal Protective Equipment Waste
- Exploring the Potential of Recycled Concrete Aggregate: Opportunities and Challenges

We look forward to seeing you at PEOPLE 2023 in Montreal!

Warm Regards,



**Dr. Bing Chen**, PEng, FCAE, FEIC, FCSCE, MEASA (Chair)  
Professor & UArctic Research Chair, Department of Civil Engineering  
Associate Dean, Faculty of Engineering and Applied Science  
Memorial University  
Director, PEOPLE Network



**Dr. Catherine Mulligan**, PEng, FCAE, FEIC, FCSCE, FRSC (Co-chair)  
Professor & Concordia Research Chair (Tier I)  
Department of Building, Civil, and Environmental Engineering  
Concordia University



**Dr. Chunjiang An**, PEng (Co-chair)  
Associate Professor & Concordia Research Chair  
Department of Building, Civil, and Environmental Engineering  
Concordia University



## PEOPLE 2023 International Conference

### Conference Secretariats:

**Dr. Weiyun Lin**, Program Manager, PEOPLE Network, Canada

**Xuelin Tian**, Ph.D. Candidate, Department of Building, Civil, and Environmental Engineering, Concordia University, Canada

Email: [peoplenetwork@mun.ca](mailto:peoplenetwork@mun.ca)

Conference website: <http://www.people-network.ca/>

### Organizing Committee



**Dr. Dominique Bérubé** (Committee Co-chair)

Vice-President, Research and Grad Studies, Concordia University, Canada



**Dr. Chunjiang An** (Co-Chair)

Associate Professor & Concordia Research Chair, Department of Building, Civil, and Environmental Engineering, Concordia University, Canada

**Mark Biagi**, Marine Division Manager, Snuneymuxw First Nation, Nanaimo, British Columbia, Canada

**Dr. Bing Chen**, Professor & UArctic Chair, Faculty of Engineering and Applied Science, Memorial University, Canada

**Dr. Zhi Chen**, Professor, Department of Building, Civil, and Environmental Engineering, Concordia University, Canada

**Dr. Ursula Eicker**, Professor & Canada Excellence Research Chair, Department of Building, Civil, and Environmental Engineering, Concordia University, Canada

**Dr. Maria Elektorowicz**, Professor, Department of Building, Civil, and Environmental Engineering, Concordia University, Canada

**Dr. Lindsay J. Hounjet**, Research Scientist, CanmetENERGY Devon, Natural Resources Canada, Canada

**Dr. Peng Hui**, Assistant Professor, Department of Chemistry, Faculty of Arts and Science, University of Toronto, Canada

**Dr. Jason Li**, Professor, Environmental Engineering Program, School of Engineering, University of Northern British Columbia, Canada

**Dr. Fuzhan Nasiri**, Associate Professor, Department of Building, Civil, and Environmental Engineering, Concordia University, Canada

**Dr. Van-Thanh-Van Nguyen**, Professor & Endowed Brace Professor Chair, Director of Brace Centre for Water Resources Management, Faculty of Engineering, McGill University, Canada

**Dona Nham**, Senior Advisor on Anti-Racism, Equity Office, Concordia University, Canada

**Dr. Vijaya Raghavan**, James McGill Professor, Department of Bioresource Engineering, McGill University, Canada



**Dr. Manuel Rodriguez**, Professor & NSERC Industrial Research Chair, Faculty of Planning, Architecture, Art and Design, Laval University, Canada

**Dr. Xander Wang**, Associate Professor, School of Climate Change and Adaptation, University of Prince Edward Island, Canada

**Dr. Viviane Yargeau**, Professor and Chair, Department of Chemical Engineering, McGill University, Canada

**Dr. Qin Xin**, Research Scientist, CanmetENERGY Devon, Natural Resources Canada, Canada

**Dr. Jian Zuo**, Professor, School of Architecture and Built Environment, The University of Adelaide, Australia

### Scientific Committee



**Dr. Kenneth Lee** (Committee Co-chair), National Senior Science Advisor (retired), Fisheries and Oceans Canada, Canada



**Dr. Helen Zhang** (Committee Co-chair), Professor & Canada Research Chair, Faculty of Engineering and Applied Science, Memorial University, Canada

**Dr. Pascale Champagne**, Director General, Energy, Mining and Environment Research Centre, National Research Council Canada, Canada

**Dr. Fariborz Haghighat**, Professor & Concordia Research Chair, Department of Building, Civil, and Environmental Engineering, Concordia University, Canada

**Dr. Zhen (Jason) He**, Professor, Department of Energy, Environmental and Chemical Engineering, Washington University in St. Louis, USA

**Dr. Wendy Huang**, Assistant Professor, Schulich School of Engineering, University of Calgary, Canada

**Dr. X. Chris Le**, Distinguished University Professor, Faculty of Medicine and Dentistry, University of Alberta, Canada

**Dr. Pu Li**, Associate Professor, School of Marine Sciences, Sun Yat-sen University, China

**Dr. Zeo Li**, Associate Professor, Department of Civil Engineering, McMaster University, Canada

**Dr. Lei Liu**, Professor, Department of Civil and Resource Engineering, Dalhousie University, Canada

**Dr. Yong Liu**, Professor & Associate Dean, College of Environmental Sciences and Engineering, Peking University, China

**Dr. Olívia Maria Cordeiro de Oliveira**, Professor, Pro Rectory of Research and Postgraduate Studies, Department of Geophysics, Federal University of Bahia, Brazil

**Dr. Xiaosheng Qin**, Associate Professor, School of Civil and Environmental Engineering, Nanyang Technological University, Singapore

**Dr. Rune Storesund**, Executive Director, Center for Catastrophic Risk Management, University of California, Berkeley, USA

**Dr. Stanislav R. Stoyanov**, Research Scientist, CanmetENERGY-Devon, Natural Resources Canada, Canada



**Dr. Shuguang Wang**, Professor, College of Environmental Science and Engineering, Shandong University, China

**Dr. Elvis Xu**, Associate Professor, Department of Biology, University of Southern Denmark, Denmark

### Plenary Keynote Speakers



**Dr. Howard Alper**, OC, FRSC

Officer & Companion, Order of Canada; Fellow and former President, Royal Society of Canada

Distinguished University Professor, Department of Chemistry and Biomolecular Sciences, University of Ottawa, Canada



**Dr. Ibrahim M. Banat**, FRSB

Fellow, Royal Society of Biology

Professor, Life and Health Sciences, University of Ulster, UK



**Dr. Jinren Ni**, FCAS

Fellow, Chinese Academy of Sciences

Boya Chair Professor, Peking University

Director, State Environmental Protection Key Lab All Materials Fluxes in River Ecosystems, China

### Technical Keynote Speakers



**Mr. Mark Biagi**

Marine Division Manager

Snuneymuxw First Nation, Nanaimo, British Columbia, Canada



**Dr. James (Jim) Brydie**

Director, Upstream & Environment, CanmetENERG

Natural Resources Canada, Canada



**Dr. Saeid Eslamian**

Professor, Department of Water Engineering, Isfahan University of Technology,

Director of Center of Excellence in Risk Management and Natural Hazards, Iran



**Dr. Jinhui (Jeanne) Huang**

Professor, General Director of Sino-Canada Joint R&D Centre on Water and Environmental Safety, Nankai University, China



**Dr. Xing-Fang Li**

Professor & Canada Research Chair (Tier 1), Department of Laboratory Medicine and Pathology, Faculty of Medicine and Dentistry, University of Alberta, Canada



**Dr. Jinxia Liu**

Associate Professor, Associate Chair of Civil Engineering (Student Affairs), Director of Brace Water Center  
Department of Civil Engineering, McGill University, Canada



**Dr. Yong Liu**

Associate Professor & Associate Dean  
College of Environmental Sciences and Engineering, Peking University, China



**Dr. Cameron McCartney**

Senior Policy Advisor, National Research Council Canada, Canada



**Dr. David C. Natcher**

Professor & UArctic Chair  
Department of Agricultural & Resource Economics, University of Saskatchewan, Canada



**Dr. Xiangliang Pan**

Professor & Dean, College of Environment, Zhejiang University of Technology, China



**Dr. Nathalie Tufenkji, FCAE**

Professor & Canada Research Chair, Department of Chemical Engineering  
Associate Director, Brace Center for Water Resources Management, McGill University, Canada



**Dr. Caterina Valeo**

Professor, Department of Mechanical Engineering, University of Victoria; Adjunct Professor, Civil Engineering, University of Calgary, Canada



**Dr. Katrin Vorkamp**

Professor, Department of Environmental Science, Aarhus University  
Arctic Research Centre, Roskilde, Denmark

## Conference Agenda

### **Day 1: Monday, August 7 | Workshops**

10:00-16:00 Technical & professional training workshops

### **Day 2: Tuesday, August 8 | Opening & Technical Sessions**

08:00-09:00 Conference registration

09:00-10:30 Opening ceremony & Keynote presentation

10:30-12:00 Technical sessions

12:00-13:00 Lunch

13:00-17:00 Technical sessions

17:30-18:30 Reception

### **Day 3: Wednesday, August 9 | Technical Sessions**

09:00-09:45 Keynote presentation

10:00-12:00 Technical sessions

12:00-13:00 Lunch

13:00-17:00 Technical sessions

### **Day 4: Thursday, August 10 | Technical Sessions & Closing**

09:00-09:45 Keynote presentation

10:00-12:00 Technical sessions

12:00-13:00 Lunch

13:00-16:30 Technical sessions

18:00-20:00 Banquet – Dinner Cruise

### **Day 5: Friday, August 11 | Field Trips**

09:00-12:00 Field trip to Saint-Michel Environmental Complex (CESM)

12:00-13:00 Break

13:00-15:00 Field trip to Biosphere



## Registration will be open soon

In-Person Attendance*	In-Person		Virtual
	Early bird	Regular	
<b>Professional</b>			
Workshops (Day 1)	\$170.00	\$170.00	/
Standard registration (Days 2-4)**	\$680.00	\$780.00	/
Field trip (Day 5) ***	Free	Free	/
<b>Student</b>			
Workshops (Day 1)	\$80.00	\$80.00	/
Technical sessions (Days 2-4)	\$200.00	\$300.00	/
Banquet (Day 4)	\$180.00	\$180.00	/
Field trip (Day 5) ***	Free	Free	/
<b>Virtual Attendance:</b> Partial access to conference incl. opening, plenary keynote, virtual technical sessions on Day 4, and posters			
<b>Professional</b>	/	/	\$100.00
<b>Student</b>	/	/	\$40.00

\* In-person registrants can access all virtual contents.

\*\* Professional standard registration includes technical sessions and banquet.

\*\*\* Field trips: Limited seats are offered on a first-come-first-served basis.





## Welcome to Montreal

Montreal is a dynamic and cosmopolitan city located in the province of Quebec, Canada. As the largest city in Quebec and the second-largest in Canada, it boasts a rich history and culture shaped by a unique blend of French and English influences. This vibrant metropolis is renowned for its stunning historic architecture, lively nightlife, and diverse culinary offerings that reflect its cultural diversity. With its charming streets, picturesque parks, and thriving arts scene, Montreal is a must-visit destination for anyone looking to experience the best of Canadian culture.

Montreal highlights:

- #1 in the Americas for international events
- #1 of the world's best cities for nightlife
- #1 of the world's top 10 cities for street art
- #7 city in the world to be a student
- North America's festival capital
- The food capital of North America
- Mile end: world's coolest neighborhood
- A city of design





## Conference Site - Concordia University Conference Centre

Concordia University is a public comprehensive university located in the multicultural city of Montreal in Canada. The University contains four faculties, a school of graduate studies and numerous colleges, centers and institutes. The University offers over 300 undergraduate and 100 graduate programs and courses, with over 51,500 students. Concordia has a diverse, innovative and internationally-recognized research environment which includes over 2,000 active researchers. As a next-generation university, Concordia reimagines the future of higher education, ranked as the top university in North America under 50. The University has joined the Decade of Action to achieve the UN's ambitious Sustainable Development Goals. The Global Goals draw on Concordia's strengths in community health, global literacy, water security, environmental impact and sustainable infrastructure design. In addition, Concordia is also at the forefront of promoting diversity, equity, and inclusiveness, with a safe and supportive learning environment for all students.



## Concordia University





Housed at Sir George Williams campus in the heart of downtown Montreal, Concordia University Conference Centre opened its doors in Fall 2017. Located on the 9th floor of the John Molson Building, this space provides multi-functional and state-of-the-art facilities. The facilities feature great views of the city and a contemporary design.

