



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), 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

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 (Committee 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. 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. Hui Peng, Assistant Professor, Department of Chemistry, Faculty of Arts and Science, University of Toronto, 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	
Professional			
Workshops (Day 1)	\$170.00	\$170.00	/
Standard registration (Days 2-4)**	\$680.00	\$780.00	/
Field trip (Day 5) ***	Free	Free	/
Student			
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	/
Virtual Attendance: Partial access to conference incl. opening, plenary keynote, virtual technical sessions on Day 4, and posters			
Professional	/	/	\$100.00
Student	/	/	\$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.

