

In-person Oral Sessions		Sum
Session 1 (Special Session)		5
Impacts and Cleanup of Inland and Marine Oil Spills		5
1	/Keynote/ Environmental Pollutants: An Overview of Natural Resources Canada Research and Opportunities	1
	James Brydie	1
	Natural Resources Canada (NRCAN) - CanmetENERGY Devon	1
2	Petroleum Distribution Tendencies in a Multi-Phase Aquatic System: Effects of Oil Type, Water Chemistry, and Fine Mineral Sediment Content	1
	Lindsay Hounjet	1
	Natural Resources Canada (NRCAN) - CanmetENERGY Devon	1
3	Biodegradation of an Isoleucine-Based, Phase-Selective Solidifier Applied to Diluted Bitumen in Seawater	1
	Jong Jin Lee (Student)	1
	Memorial University	1
4	Distinguishing Natural from Petroleum-Sourced Dissolved Organic Matter Along the St. Lawrence Seaway Using Fluorescence Excitation-Emission Matrix Spectroscopy and Parallel Factor Analysis	1
	Anic Imfeld	1
	Concordia University	1
5	Effects of Temperature and Salinity on the Microbial Biodegradation Response to Oil in Surface Water Communities along the St. Lawrence River in Quebec, Canada	1
	Meng Ji	1
	Fisheries and Oceans Canada (DFO)	1
Session 2		5
Climate Change Mitigation, Adaptation and Planning (1)		5
1	/Keynote/ Climate Change and Socio-Hydrological Management	1
	S. Saeid Eslamian	1
	Isfahan University of Technology, Iran	1
2	Impacts of Climate Variability and Change on the Endangered Piping Plover Population of Prince Edward Island	1
	Ryan Guild (Student)	1
	University of Prince Edward Island (UPEI)	1
3	An Assessment of Greenhouse Gas Emission from Municipal Activities	1
	Shadnoush Pashaei Farahani	1
	AECOM	1
4	Assessing the Potential Impacts of Climate Change on Coastal Ecosystems - A Canadian Case Study	1
	Quan Dau	1
	University of Prince Edward Island (UPEI)	1
5	Storable Energy Electrochemical Generation from Methane Emission	1
	Soodeh Abedini	1
	Concordia University	1
Session 3		6
Inland and Marine Oil Spill Response (1)		6
1	Effect of Surfactants on Oil Biodegradation in the Marine Environment: Molecular Docking and Molecular Dynamic Simulation	1
	Masoumeh Bavadi (Student)	1
	Memorial University	1
2	Removal of Stranded Oil from Sand Using a Microemulsion Technique	1
	Huifang Bi (Student)	1
	Concordia University	1
3	Penetration of Spilled Oil into Thawing Frozen Soil	1
	Zhaonian Qu (Student)	1
	Concordia University	1
4	Assessing the Sensitivity of the Ecosystem Services of the Gulf of St. Lawrence to Oil Spills	1
	Shahrazad Namazinia (Student)	1
	Concordia University	1
5	A Data-driven Fingerprinting Approach to Identify Oil Recovered from the MV Manolis L shipwreck	1
	Saeed Hashemi halvaei (Student)	1
	Concordia University	1
6	Gene Expression Response of Larval Lumpfish (Cyclopterus lumpus) to Weathered Crude Oil	1
	Yuze Bai (Student)	1
	Memorial University	1
Session 4 (Special Session)		6
Challenges and Solutions for the Environmental Problems in Indigenous Communities		6
1	/Keynote/ Traditional Knowledge is the Aboriginal Peoples Key Contribution to Science and to Climate Change Mitigation, Adaptation and Food Security	1
	Mark Biagi	1
	Snuneymuxw First Nation	1
2	An Inexact Inventory-Theory-Based Optimization Model for Solid Waste Management in Remote First Nations Communities	1
	Ziyu Wang (Student)	1
	Concordia University	1
3	A Review on Shoreline Environmental Protection in Canadian Indigenous Communities: Challenges, Policies, Practices, and Management	1
	Rezvan Iravani (Student)	1
	Concordia University	1
4	Indigenous Peoples' Just Energy Transition: From Ideal Deliberation to Ideal Fairness	1
	Fabienne Rioux-Gobeil (Student)	1
	Australian National University, Australia	1
5	Exploring Human Health and Ecological Risk Assessments in Indigenous Communities in Canada	1
	Katherine Chong (Student)	1
	McGill University	1
6	Effect of Wood Pre-treatments on Activated Carbon Adsorption Capacity	1
	Kieran Lobo (Student)	1
	University of Ottawa	1
Session 5		6
Climate Change Mitigation, Adaptation and Planning (2)		6
1	/Keynote/ Assessing Inland Lake Water Quality and Its Response to Climate and Anthropogenic Factors Using AI-Based Remote Sensing	1
	Jinhui Huang	1
	Nankai University, China	1
2	Sustainable Tourism in the Face of Climate Change: An Overview of Prince Edward Island	1
	Pelin Kinay	1
	University of Prince Edward Island (UPEI)	1
3	Oceanic Processes-Based Modeling: The Key Pathway for Future Coastal Erosion Prediction	1

Tianze Pang (Student)	1
University of Prince Edward Island (UPEI)	1
4	1
Assessing the Impact of Land Cover Changes on Climate in Viacha: A Remote Sensing Case Study	1
Omar Hernández-Calvario (Student)	1
Universidad de Guadalajara, Mexico	1
5	1
Air Quality Analysis Over Morocco Using Machine Learning Models Under Python Environment	1
Salah Eddine Sbai (Student)	1
Mohamed V University, Morocco	1
6	1
Mathematical Modelling of the Dynamic Performance of Activated Carbon Filters for VOCs Removal	1
Mohamad Ghamangiz Khararoodi (Student)	1
Concordia University	1
Session 6	6
Waste Management and Minimization (1)	6
1	1
/Keynote/ Resourcelization of Organic Solid Waste and Co-Treatment of Water and Soil in Danjiangkou Water Source Area	1
Beidou Xi	1
Chinese Research Academy of Environmental Sciences, China	1
2	1
Montréal Towards Zero Waste	1
Marion Cordier	1
City of Montreal	1
3	1
Machine Learning-assisted Analysis of Municipal Solid Waste Generation during the Pandemic	1
Shuyan Wan (Student)	1
Concordia University	1
4	1
Microbially Induced Carbonate Precipitation to Mitigate Mine Emissions and Tailings Leachate	1
Samantha Wilcox (Student)	1
Concordia University	1
5	1
Achieving Sustainable Waste Transport Fleet Management under the Cap-and-Trade System	1
He Peng (Student)	1
Concordia University	1
6	1
Environmental Footprint for the Disposal of Food Waste from Grocery Retail Stores	1
Siyuan Zhou (Student)	1
Concordia University	1
Session 7 (Special Session)	3
Exposure Risk and Environmental Assessment of Persistent Organic Pollutants (1)	3
1	1
PFAS Adsorption from Aqueous Solutions: Current Approaches, Engineering Applications, Challenges, and Opportunities	1
Daniel Gang	1
University of Louisiana at Lafayette, United States	1
2	1
Z-scheme MIL-based Heterogeneous Photo-Fenton Catalysts for Tris-(2-chloroisopropyl) Phosphate (TCPP) Degradation and Possible Application to Risk-based TCPP Control under Field Water Conditions	1
Mahsa Motamedi (Student)	1
Concordia University	1
3	1
Continuous Removal of Perfluorooctanoic Acid (PFOA) in Effluent with a Semi-Pilot Column Packed with Biochar	1
Sasan Fazeli	1
Concordia University	1
Session 8	3
Climate Change Mitigation, Adaptation and Planning (3)	3
1	1
Optimizing Radiant Cooling Systems for Energy Efficiency, Comfort and Condensation Prevention: Model Predictive Control	1
Moein Dadollahi Sarab (Student)	1
Concordia University	1
2	1
AI-Based Prediction of Soil Temperature in Extreme Heat Events	1
Hanifeh Imanian	1
University of Ottawa	1
3	1
Boosting Global Cooperation of Maritime Carbon Pricing - An Assessment of Mature Carbon Markets Linkage	1
He Peng (Student)	1
Concordia University	1
Session 9 (Special Session)	3
Environmentally Sustainable Management of Personal Protective Equipment Waste	3
1	1
Environmental Life Cycle Assessment of Polylactic Acid and Polypropylene Face Masks	1
Linxiang Lyu (Student)	1
Concordia University	1
2	1
Characterizations of Meltblown Polypropylene Waste in Mask Manufacturing	1
Jalal Rahmatinejad (Student)	1
Concordia University	1
3	1
Aging of Polypropylene-based Disposable Face Masks in Landfill Leachate	1
Linxiang Lyu (Student)	1
Concordia University	1
Session 10 (Special Session)	3
Exposure Risk and Environmental Assessment of Persistent Organic Pollutants (2)	3
1	1
Development of an Air Quality Assessment System Using IoT Sensors with a Focus on Volatile Organic Compounds (VOCs): A Case Study on Concordia Campus	1
Zhihan Wang (Student)	1
Concordia University	1
2	1
Quantification of Pollution Impacts on the Atmosphere: A Study of an Automotive Assembly Plant	1
Sarah Sajedi	1
ERA Environmental Management Solutions, Inc.	1
3	1
Canadian Building Materials are a Significant Source of PFASs to the Environment	1
Min Liu	1
University of Toronto	1
Session 11	3
Water and Wastewater Treatment (1)	3
1	1
Hydrodynamic Simulation of Advanced Oxidation Processes (AOPs) in Microreactors Using Ansys CFD	1
Junzhang Chen (Student)	1
Memorial University	1
2	1
Catalytic Membrane with Copper Single-Atom Catalysts for Effective Organic Pollutant Destruction	1
Wen Ma (Student)	1
University of Sherbrooke	1
3	1
Efficiency Assessment of Electrocoagulation for the Removal of As and/or Mn from Synthetic Neutral Mine Water	1
Reem Safira (Student)	1

Université du Québec en Abitibi-Témiscamingue (QUAT)	1
Session 12 (Special Session)	3
Sustainable Transport, Logistics and the Environment	3
1	1
Effects of Changing Private Vehicle Fleet Composition on Urban Traffic-Related Emissions	1
Xuelin Tian (Student)	1
Concordia University	1
2	1
Transportation and Air Quality of Canadian Cities in the Post-pandemic Period	1
Saba Naderi (Student)	1
Concordia University	1
3	1
Assessment of the Direct and Indirect Flood Impacts on Transportation Networks	1
Aditya Rebally (Student)	1
University of Victoria	1
Session 13 (Special Session)	4
Exposure Risk and Environmental Assessment of Persistent Organic Pollutants (3)	4
1	1
Modeling the Fate and Transport of Tris (chloropropyl) Phosphate (TCPP) - A Case Study	1
Kamyar Soleymani (Student)	1
Concordia University	1
2	1
Environmental Impact Assessment of Polychlorinated Biphenyls (PCBs) from Transformer Oil Leakage: A Dynamic Environmental Multimedia Modeling Approach	1
Zunaira Asif	1
Concordia University	1
3	1
Infiltration and Resuspension of Microplastics in Coastal Substrate: Insights from Tidal Tank Experiments	1
Qi Feng (Student)	1
Concordia University	1
4	1
A New Modeling Approach to Assess Risk of Persistent PAHs from Deepwater Oil/Gas Blowouts	1
Zhaoyang Yang (Student)	1
Concordia University	1
Session 14	4
Water and Wastewater Treatment (2)	4
1	1
Treatment of Wastewater by Functional Materials: A Review	1
Nadia Khan (Student)	1
Memorial University	1
2	1
Investigation of Produced Water Response to Electrochemical Treatment with Respect to COD Removal	1
Emmanuel Mbah (Student)	1
Concordia University	1
3	1
Enhancing Water Treatment Plant Capacity with Super-bridging Agents: From Lab to Pilot Scale	1
Florent Blancho (Student)	1
McGill University	1
4	1
Enhancing Renewable Energy Production from Mine Water through Pressure Retarded Osmosis: Evaluating Effective Pretreatment and Fouling Control Strategies	1
Giti Nouri (Student)	1
Concordia University	1
Session 15	4
Inland and Marine Oil Spill Response (2)	4
1	1
An Inland Hydrocarbon Spills Cleanup Using Electro-Washing Technique	1
Elnaz Rajaei (Student)	1
Concordia University	1
2	1
Estimation of Petroleum Hydrocarbon Liquids in Soil by Using Ground Penetrating Radar	1
Sharad Ghodke	1
Concordia University	1
3	1
Effect of Salinity on Enzymes Produced by <i>Alcanivorax borkumensis</i> Using Diesel as a Model Substrate	1
Jean Carlos Viccari Pereira (Student)	1
York University	1
4	1
Cleanup of Oiled Shoreline Using a Magnetic Washing Fluid	1
Rengyu Yue (Student)	1
Concordia University	1
Session 16	4
Emerging Contaminants - Fate, Transport and Effect (1)	4
1	1
/Keynote/ New Technique to Detect and Image Nano-Sized Plastic Particles	1
Nathalie Tufenkji	1
McGill University	1
2	1
Transport of Microplastic and Dispersed Oil Co-Contaminants: Effects of Contaminant Properties and Ocean Conditions	1
Min Yang (Student)	1
Memorial University	1
3	1
Understanding the Risks of Nanoplastics in Aquatic Species: The Role of the Eco-corona	1
Ana Quevedo (Student)	1
McGill University	1
4	1
Biological Consequences of the Interactions between Climate Change and Emerging Contaminants in Aquatic Primary Producers	1
Xiaying Xin	1
Queen's University	1
Session 17 (Special Session)	4
Chemicals of Emerging Arctic Concern: Sources and Environmental Fate	4
1	1
/Keynote/ Arctic Pollution: The Importance of Long-Term Monitoring Programmes	1
Katrin Vorkamp	1
Aarhus University, Denmark	1
2	1
Perfluoroalkyl Substances (PFASs): An Underestimated Challenge and Anthropogenic Marker for Arctic Monitoring	1
Roland Kallenborn	1
Norwegian University of Life Sciences, Norway	1
3	1
Temporary Sink of Microplastics in Ice: Role of Polymer Characteristics and Environmental Conditions	1
Zhikun Chen (Student)	1
Concordia University	1
4	1
Mobility of BTEX in Canadian Organic Soil under Electrokinetic Remediation Process	1
Shayan Ghanami (Student)	1
Concordia University	1
Session 18	4
Environmental Biotechnology and Nanotechnology	4
1	1
/Keynote/ Biomineralization and Bioremediation	1

Xiangliang Pan	1
Zhejiang University of Technology, China	1
2	1
Exploring the Integration of Bioelectrochemical Systems and Hydroponic: Possibilities, Challenges, and Innovations	1
Shuyao Wang (Student)	1
McGill University	1
3	1
Electrospun Cellulose Acetate/Chitosan Nanofibers: An Efficient Adsorbent Obtained from Waste Materials for Humic Acid Removal	1
Yirong Zhang (Student)	1
McGill University	1
4	1
Preparation of PVDF-HFP Nanocomposite Membranes with Highly Enhanced Permeate Flux in Membrane Distillation Process	1
Tiantian Chen	1
Concordia University	1
Session 19 (Special Session)	6
Microplastics and Nanoplastics: Challenges and Advances in Characterization, Risk Assessment, and Management	6
1	1
The Transport of Microplastics through Capillary Fringe Fluctuation in Tidal Aquifer	1
Qi Feng (Student)	1
Concordia University	1
2	1
A Combination of Laboratory Experiments and Modelling Study for Microplastic Dynamics and Life Cycle Research in Water	1
Zi Wang (Student)	1
McGill University	1
3	1
Plastic's Effect Under the Light: Innovative Imaging of Organisms Through Light Sheet Microscopy	1
Jun-Ray Macairan	1
McGill University	1
4	1
Nanoplastics Are a Small Fraction: Origin and Release of Submicron Particles during Washing of 12 Polyester Textiles	1
Tong Yang	1
McGill University	1
5	1
The Role of Bulk Nanobubbles in the Motion of Microplastics on Shoreslines	1
Zheng Wang (Student)	1
Concordia University	1
6	1
Aggregation of Microplastic and Suspended Particulate Matter in Coastal Waters	1
Xiaohan Yang (Student)	1
Concordia University	1
Session 20 (Special Session)	6
Technology Development in Agricultural Waste Management	6
1	1
Effects of Accelerated Weathering on the Abiotic Fragmentation of Biodegradable Mulches	1
Mengfan Cai (Student)	1
Concordia University	1
2	1
Assessing the Sustainability of Agricultural Biomass Residues from the Perspectives of Supply Chain, Waste Disposal and Emissions Reduction	1
Harikishore Shanmugam (Student)	1
McGill University	1
3	1
Low-Temperature Biomethanation of Farm Waste Using Inoculum Percolation-Recirculation Strategy in a Two-Stage, Solid-Liquid Digester System	1
Vaibhavi Bele (Student)	1
University of Sherbrooke	1
4	1
Next-generation Bioengineered Processes for Environmental Sustainability	1
Guneet Kaur	1
University of Guelph	1
5	1
Anaerobic Digestion of Poultry Manure at Low Temperatures: Impact of Lowering Manure Nitrogen Content on Biogas Production	1
Felipe Mathias Weber Hickmann (Student)	1
Laval University	1
6	1
Influence of Agricultural Waste-Based Biochar in Improving Anaerobic Digestion Performance of Organic Waste	1
Ravindran Balasubramani	1
Kyonggi University, South Korea	1
Session 21	6
Waste Management and Minimization (2)	6
1	1
A Critical Review of Carbon Sequestration Options in the Agricultural Utilization of Processed Municipal Organic Waste	1
Keith Lorenzo Mateo (Student)	1
University of Alberta	1
2	1
An Appraisal of End-of-Life Options for Post-Consumer Asphalt Shingle Waste	1
Zhikun Chen (Student)	1
Concordia University	1
3	1
Predicting and Optimizing Microalgae Biomass Production for Sustainable Biofuel Using Machine Learning Techniques	1
Mahmoud Maheri (Student)	1
Memorial University	1
4	1
Mesophilic Anaerobic Treatment of Food Waste under Wet, Semi-dry and Dry Treatment Conditions	1
Tafannum Torsha (Student)	1
Concordia University	1
5	1
From Waste to Resource - Examining Circular Solutions for Asphalt Shingle Recycling in Canada	1
Rafaela Orega Panizza (Student)	1
Concordia University	1
6	1
Effect of Utilizing Recycled Alkali-activated Concrete Wastes on the Performance of Cementitious and Non-cementitious Concretes	1
Ahmed Khaled Ahmed (Student)	1
Concordia University	1
Session 22	6
Emerging Contaminants - Fate, Transport and Effect (2)	6
1	1
/Keynote/ Understudied Per- and Polyfluoroalkyl Substances (PFAS) in the Environment	1
Jinxia Liu	1
McGill University	1
2	1
A Review of Hazardous and Noxious Substance (HNS) Spills and Response Preparation; Strengthening HNS Incident Responses in Canadian Waters	1
Qin Xin	1
Natural Resources Canada (NRCAN) - CanmetENERGY Devon	1
3	1
Dynamics of Drinking Water Biofilm Resistance and Persistence After Transient Exposure to Ciprofloxacin	1
Victoria Rilstone (Student)	1
Queen's University	1
4	1
Monitoring of Organic Contaminants that Influence Urban Aquatic Environment: Targeted and Non-targeted Screening	1
Joshua Osagu (Student)	1

Concordia University	1
5	1
The Long-Term Impacts on the TBBPA Adsorption with Biochar	1
Jian Shen (Student)	1
University of Regina	1
6	1
Removal of 17α-Ethinyl Estradiol (EE2) Mediated by Freshwater Microalgae Scenedesmus obliquus and Chlorella vulgaris	1
Ana Gisell Pazmino Sosa (Student)	1
Institut national de la recherche scientifique (INRS)	1
Session 23	7
Environmental Modeling and Decision Making (1)	7
1	1
/Keynote/ Water Quality Restoration from Nutrients Enrichment: A Review of 30 Years' Efforts for a Hyper-eutrophic Lake in China	1
Yong Liu	1
Peking University, China	1
2	1
Comparative Assessment of Coastal Protection Methods Using Principal Component Analysis	1
Genevieve Keefe (Student)	1
University of Prince Edward Island (UPEI)	1
3	1
Achieving Net-Zero Targets through Regional Electric Bus Penetration and Energy Transition	1
Xuelin Tian (Student)	1
Concordia University	1
4	1
A Non-deterministic Optimization Model for SMR Siting and Management of Energy Systems under Climate Change	1
Bin Luo (Student)	1
University of Regina	1
5	1
Methylation Influences on Environmental Fate, Bioaccumulation, and Hazards of Organic Compounds: In Silico Screening	1
Yuliia Sologub (Student)	1
Concordia University	1
6	1
Urban Stormwater Modeling in the City of Shiraz Based on Land-Use and Climate Change Using EPA SWMM 5.2	1
Sara Amerinia (Student)	1
Memorial University	1
7	1
Enhanced Multi-Criteria Decision Support by Integrating Machine Learning and Causal Inference in Marine Oil Spill Response	1
Xudong Ye	1
Memorial University	1
Session 24	7
Water Resources and Water Quality Management (1)	7
1	1
/Keynote/ Advanced Analytical Technologies and Water Research	1
Xingfang Li	1
University of Alberta	1
2	1
Highly Efficient TiO₂-Assisted UVA-LED Microreactor for Drinking Water Purification	1
Bo Liu	1
Memorial University	1
3	1
Eutrophic Water Remediation Practices Towards a Greener Technology	1
Antonio Cavalcante Pereira (Student)	1
Concordia University	1
4	1
Co-Selection of Heavy Metal Mediated Antimicrobial Resistance in Biofilms of Drinking Water Distribution Systems Using Novel Bench-Scale Reactor	1
Leah Vignale (Student)	1
Queen's University	1
5	1
Synthesis and Modification of Local Wood Residues Biochar for High-Performance Removal of Heavy Metals from Groundwater	1
Sorour Nasimi (Student)	1
University of Northern British Columbia (UNBC)	1
6	1
A Novel Flow-through Electrochemical Cell Composed of Biochar as Electrodes and Adsorption Unit for the In-situ Removal of Manganese from Groundwater	1
Mostafa Dorosti (Student)	1
University of Northern British Columbia (UNBC)	1
7	1
Learning Hydrology from Data: Exploring Data-Driven Inference Approaches	1
Kailong Li	1
University of Saskatchewan	1
Session 25	4
Emerging Contaminants - Fate, Transport and Effect (3)	4
1	1
Are Constructed Wetlands an Efficient Remediation Technique for Emerging Industrial Contaminants?	1
Shamsunnahar Suchana	1
University of Toronto	1
2	1
Removal of Emerging Contaminants from Urban Waters Using Green Walls	1
Hafiz Muhammad Abd-ur-Rehman (Student)	1
University of New South Wales (UNSW), Sydney, Australia	1
3	1
Quantification of Fluoroquinolones in Wastewater and Biosolids Using Online Solid Phase Extraction Coupled to Liquid Chromatography and Tandem Mass-Spectrometry	1
Zahra Hassan (Student)	1
University of Montreal	1
4	1
The Investigation and Monitoring of Emerging Contaminants from Point Sources on the Modder River Catchment System in Free State, South Africa	1
Saheed Oke	1
Central University of Technology, Free State, South Africa	1
Session 26	4
Environmental Modeling and Decision Making (2)	4
1	1
Adapting to a New Normal: Online Machine Learning for Stream Wastewater Influent Flow Rate Prediction in the Era of COVID-19	1
Zhong Li	1
McMaster University	1
2	1
An Optimization-Driven Factorial CGE Model for Managing Electricity System Transition	1
Xiaoyue Zhang	1
University of Regina	1
3	1
Assessing the Environmental Impact of Wood Pellets as an Alternative Energy Source in Remote Canadian Communities: A Life Cycle Analysis	1
Saghar Sadaghiani (Student)	1
Concordia University	1
4	1
Assessment of Greenhouse Gas Emissions from Soybean Cropping System: A Case Study of Ontario in Canada	1
Marjan Esbati	1
Concordia University	1
Session 27	4
Water Resources and Water Quality Management (2)	4
1	1
Improvement of Ceramic Water Filter with Ag/Ti₃₊/TiO₂ Nanocomposites for Removing Bacteria from Household Drinking Water in Remote and Rural Areas	1

Jing Huang (Student)	1
University of Regina	1
2	1
Hydrodynamic and Water Quality Modelling for Lake Caron in Quebec	1
S. Samuel Li	1
Concordia University	1
3	1
Development of Functional Nanocellulose Aerogels for Hybrid Heavy Metal Removal and Antibacterial Applications	1
Jianan Yin (Student)	1
University of Regina	1
4	1
Machine Learning Models for Modeling Raw Water Quality Supplying Treatment Plants Using Hydrological and Climatological Data	1
Christian Ortiz-Lopez (Student)	1
Laval University	1
Session 28	3
Environmental Sustainability, Human Health and Ecotoxicology	3
1	1
Effective Arsenic Removal from Water by Low-Cost Adsorbents Derived from Mussel Shells	1
Roya Sadat Neisan (Student)	1
Memorial University	1
2	1
Optimizing Bioenergy Supply Chain Management under Uncertainty: A Stochastic Programming Approach in Quebec Northern Communities	1
Zahra Vazifeh (Student)	1
Concordia University	1
3	1
A Didactic Approach to Sustainability through a Board Game Design	1
Burcu Olgen (Student)	1
Concordia University	1
Session 29	3
Water and Wastewater Treatment (3)	3
1	1
Removal of Sulfamethoxazole and Paracetamol in Wastewater Treatment Plants Effluent with Filtration-Adsorption System	1
Mehrab Malekshahi Nejad (Student)	1
Concordia University	1
2	1
Development of Iron-based Biochar for the Adsorption of Nitrate: Effects of Specific Surface Area, Electrostatic Force, and Functional Groups	1
Kai Zhao (Student)	1
University of Regina	1
3	1
Clay Water Filter Coated with ZnO Nanoparticles for Removing E. coli in Remote and Rural Areas	1
Jing Huang (Student)	1
University of Regina	1
Session 30 (Special Session)	3
Infrastructure Systems and the Environment	3
1	1
A Random Forest Failure Prediction Model Coupled With a Risk Management Strategy in Kitchener	1
Atefeh Delnaz (Student)	1
Concordia University	1
2	1
Numerical Study of the Performance of a Borehole Geothermal Energy Storage Well in a Canadian Subarctic Region	1
Mohammadhossein Sojoudi (Student)	1
Concordia University	1
3	1
Towards Circular Economy: A Lightweight Adsorbent Made from Water Treatment Residual	1
Jinkai Xue	1
University of Regina	1
Total	135