

**EENG 8460 Capstone Projects - Fall 2020 – Faculty: Olga Petrov, PhD**

<b>Student Name</b>	<b>Project Title</b>	<b>Expert Adviser</b>
Andre Antonio	Assessment of Potential Soil Contamination of Everett Crowley Park in Vancouver, BC.	Dave Young -City of Vancouver; Ray Koenig, BSc, BBA, PGeo [Funding: SoCE Collaborative Student Initiative 2020, awarded to Eric Anderson, PhD and Olga Petrov, PhD]
Rachel Head	Life Cycle Assessment: A centralized Rural Transfer Station in the Central Subregion of the Regional District of East Kootenay.	Rob Sianchuk, M.A.Sc
Sukhjeet (Sonny) Johal	Proposal to Develop an Emission Reduction Measure Policy for Metro Vancouver’s Non-Road Diesel Emission Bylaw.	Olga Petrov, PhD
Minhyeok Lucas Kim	A systematic review of removal of disinfection-by product (DBPs) using granular activated carbon (GAC) filtering pitchers.	Lan, Yao Hung, MAsC, P.Eng.
Stewart Lacey	A Global Problem with Local Solutions – Analyzing Burnaby’s Fraser River Watershed Subcatchments to Inform Green Infrastructure Solutions.	Lan, Yao Hung, MAsC, P.Eng.
Jae Eun (Michelle) Lee	Residential Water Metering and Water Conservation in Social Housing.	Zahra Tooyserkani, PhD BC Housing -Bill MacKinnon
Kalie McGratten	Analysis of Construction & Demolition Waste Key Parameters to Enable Waste Diversion.	Brenda Martens, BSc, OBC, CSBA, LEED AP
Katelyn Alvarez Ocampo	Evaluation of Potential PFA Contamination from Aqueous Film Forming Foam Use in Airports in Mexico.	Zoran Millacic, BSc, P.Log., EP
Russell Stairs	Climate Risk Assessment and Low-Carbon Resilience Pathways for the British Columbia Institute of Technology.	Arash Zaree, BEng, MEL, PMP
Aidan Kershaw-Weih	Health Impacts of Certified Green Buildings on Occupants of Social Housing Projects: A Systematic Review.	Brenda Martens, BSc, OBC, CSBA, LEED AP