

EENG 8460 Capstone Projects – Fall 2021 – Faculty: Olga Petrov

Student Name	Project Title	Expert Adviser
Shaghayegh Arabzadeh	Greenhouse Gas Emissions Reduction Potential of Electric Air-Source Heat Pumps Compared to Natural Gas Furnaces for Metro Vancouver	Ali Ergudenler, Ph.D.,P.Eng.
Louise Bantok	Hydropower in the Mindanao River Basin, Philippines	Dan Kovacek, B.Eng. P.Eng.
Ammar Keykoni	Regional Snowpack Depth Change Possibly Due to Climate Warming and the Potential Impact on Freshwater Resources in Metro Vancouver Watersheds	Ali Ergudenler, PhD, P.Eng.
Emma Norman	Standard Harmonized Monitoring Methods for Microplastics in Municipal Wastewater Treatment Plants: A Systematic Review of Current Methodologies and Capabilities	Yao Hung Lan, MAsc., P.Eng.
Sarah Preiksaitis	Fire Retardants in Compost – assessing risks associated with brominated fire retardants in commercial composting operations	Goran Krstic, PhD, R.P.Bio.