

Earth Sciences 4490/Environmental Science 4999 Progress Presentations

Friday, January 17, 2025

BGS 0153 (amphitheater)

Introduction at 1:30

| Student | Time (Tentative) | Title (Tentative) |
|------------------------|-------------------------|---|
| Cabenda, Quinn | 1:35 | Investigating the Mineralogy and Flow Fabrics of Theo's Flow |
| Woon-Fat, Sophie | 1:41 | Formation of Laminated Iron Structures in Acidic Environments |
| Cochran, Jaiden | 1:47 | Dwarfism during Environmental Crises: A Study of Brachiopods through the Late Ordovician Glaciation and Mass Extinction |
| Diepold, Roan | 1:53 | Developing an exploration method relating fluid inclusion gas analysis to the mineralogy of kimberlites |
| Dwairi, Dina | 1:59 | Agricultural resilience in war torn countries: Gaza strip case study |
| Gair, Eric | 2:05 | Ichneological Assessment of Plio-Pleistocene Sediment Cores, IODP Exp. 390 & 393 |
| Garbutt, Eve | 2:11 | The effects of Piperonyl Butoxide (PBO) on Bumblebee foraging |
| Gillman, Hallie | 2:17 | Persistent Luminescent Nanoparticle-Based Optical Sensing |
| Hamam, Alice | 2:23 | Dwarfism and Gigantism of Rhynchonellide Brachiopods Through Major Climate Change and Glaciation (Ordovician-Silurian) |
| Hornick-Martyk, Hayden | 2:29 | Influence of flooding events on microplastic abundances in riparian sediment of the Thames River watershed |
| Break | 2.35-2.45 | |
| Lewis, Drew | 2:45 | Effects of Extreme Weather Events Caused by Climate Change on Critical Energy Infrastructure |
| MacDonald, Benjamin | 2:51 | Mapping Flood Vulnerability in Tofino BC; A Comparative Analysis of HEC-RAS Modeled Flooding and Social Vulnerability |
| Madani, Laohnorian | 2:57 | Stratigraphic Subsurface Reconstruction of the Her Desher and Nirgal Vallis Sites through Bedrock Investigation in Crater Walls |
| Maniaka, Eleftheria | 3:03 | Compound Flood Hazards in the Great Lakes region |
| Milione, Bianca | 3:09 | Compound Floodings in Tofino |
| Motuzas, Charlotte | 3:15 | Re-examination of MVSMMMP Amplification Spectra |
| Noonan, Gillian | 3:21 | Strain in Ordinary Chondrites Plots and Data |
| Palarchio, Matthew | 3:27 | Implications of Site Ecological Integrity on American Beech Disease Severity in Southwestern Ontario |
| Punch, Kyran | 3:33 | Evidence of Impact-generated Hydrothermal Alteration in the Wanapitei Impact Structure and Implications for the Life |
| Short, Abigail | 3:39 | Stable Hydrogen and Oxygen Isotope Variations in Precipitation at Pinery Provincial Park |
| Kukura, Nicole | 3:45 | Aggregate Characterization and Assessment of Alkali-Silica Reaction (ASR) Potential |
| Stewart, Kenique | 3:51 | Characterization and Preservation of Coprolites in the Willow-Readlyn Deposit, SK: Microbial Influence and Permineralization |
| Thawer, Amaan | 3:57 | Using stable isotope analysis on Tcherskidium brachiopods to determine Northern ocean temperatures in the Late Ordovician |