



NOVA SCOTIAN INSTITUTE OF SCIENCE

NSIS FREE PUBLIC LECTURE

March 5, 2018

7:30 PM

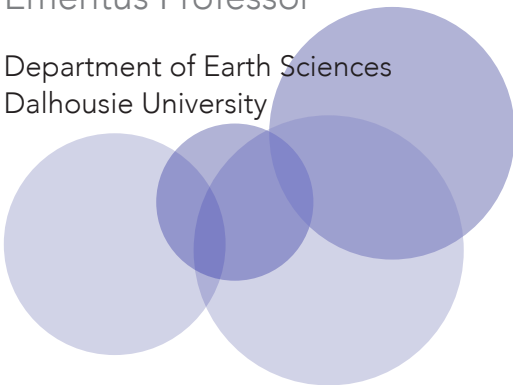
Museum of Natural History

1747 Summer Street, Halifax NS



Speaker | [Dr. Marcos Zentili](#)
Emeritus Professor

Department of Earth Sciences
Dalhousie University



The Rise of Mountains & Climate Changes in the Canadian Arctic Archipelago

Eastern Nunavut has young mountains (~2600 m) that rose when Greenland was tectonically pushed under Ellesmere Island 49 million years ago - when the Arctic Ocean became a freshwater lake and northern redwood forests sheltered crocodylians and turtles.

Sea salt-cored mountains are actively growing at rates measurable from satellites. Close to some of them salty springs flow year-round in areas where the ground is otherwise frozen to a depth of 600m.

Zentilli will illustrate Arctic research and observable changes carried out through a quarter century.



www.nsis.chebucto.org



nsis@chebucto.ca



NSIS - Nova Scotian
Institute of Science