

MineralsEd: Victoria GeoTour

Pro-D for teachers, October 21, 2016

Southern Vancouver Island's Natural History

MineralsEd is partnering with Vancouver Island University geoscientist, **Dr. Jerome Lesemann**, to lead Victoria-area teachers on a full-day excursion to learn about the natural history of Victoria and the Saanich Peninsula.

Discover what the rocks reveal about the geological processes operating on southern Vancouver Island beginning 380 million years ago. Located on an active tectonic boundary, rocks cropping out in the area record several episodes of volcanism and mountain building, accompanied by deformation and uplift, followed by erosion and sedimentation into adjacent 'basins', and capped by glaciation that sculpted the land and left a veneer of ice- and water-deposited sediments.

This field trip will:

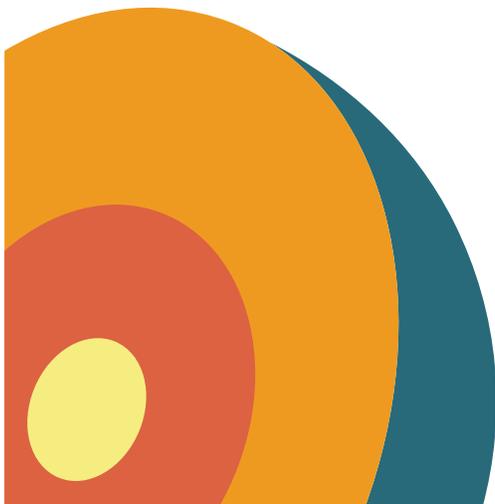
- begin with an introduction at the Pacific Geoscience Center and visit to their new displays,
- highlight the main geologic elements around the peninsula at easy-to-get-to coastal outcrops,
- unravel the geological history (mountain building, volcanism, glaciation), and
- discuss the natural geologic hazards related to this unique geologic setting.

This is a great opportunity to learn about the geological features of this dynamic area and to help you plan future trips with your students.

Bus transportation will be provided. Please bring your own lunch, snacks and water. **This is an outdoor field trip that involves walking on rocks. Please wear appropriate footwear and be prepared for the weather!**



Prepare for this great field trip, view the *Victoria GeoTour*: <http://tinyurl.com/gwzjmau>



Victoria GeoTour: Friday Oct. 21, 2016

Schedule: 8:30a-3:00p

Pick-Up: Pacific Geoscience Centre, within the Institute of Ocean Sciences building, 9860 West Saanich Road, Sidney)

Register Online: <https://goo.gl/forms/S7JxGlau1wW3ryDU2>

Cost: \$25. **Payment options:** By credit card, phone 604-682-5477 ext. 1 or by cheque payable to MREPBC mailed to the address below.

Registration Deadline: Oct. 14 noon

Confirmed registrations at this time will determine if the trip will go ahead. Registration will remain open thereafter pending available space.

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