

**Atlantic Planners Institute  
Newfoundland and Labrador Branch  
Planner's Plate**

## **Coastal Monitoring in Newfoundland and Labrador**

Speaker:  
**Melanie Irvine**  
**Geological Survey Division**  
**Department of Natural Resources**

Date: *Friday, March 28<sup>th</sup>, 2014*

Time: *12:00 noon to 2:00 p.m.*

Place: *Rotary Paradise Youth and Community Centre, 68 McNamara Drive, Paradise*

Coastal regions are dynamic and fast-changing environments, and are important places of residence; currently 90% of this Province's population lives and works there. Natural processes including coastal erosion, mass movement and coastal flooding affect these areas, and when these processes impact places where people live and work, economic damage to roads, breakwaters, houses and other infrastructure happens and low-lying areas can flood. These processes are likely to continue to occur due to rising sea levels and climate change.

Please join us as Melanie Irvine, a Project Geologist with the Geological Survey Division, NL Department of Natural Resources, describes a coastal monitoring program initiated in 2011 to study the dynamics of the shoreline. This program will provide estimates of rates of shoreline erosion; monitor changes in beach profiles; and define areas at risk from coastal hazards. Results from this program will enable quantitative rates of coastal change and the identification of physical and anthropogenic processes resulting in coastal change, and this information will be made relevant to local communities.

Price: \$20.00 for API members; \$25.00 for non-members. Lunch provided. Please advise in advance if you prefer vegetarian or have any food allergies. Payment in the form of cash/cheque at the door; receipts are available.

**A reservation is required. Please contact Ann-Marie Cashin: phone 782-1536 or e-mail [acashin@townofparadise.ca](mailto:acashin@townofparadise.ca) by Monday, March 24<sup>th</sup>, 2014. Those who register but do not attend will be responsible for any cost incurred.**

The Planner's Plate lunchtime speaker series is organized by API's NL Branch and is open to all interested people. For information on planning, see [www.cip-icu.ca](http://www.cip-icu.ca) and [www.altanticplanners.org](http://www.altanticplanners.org). Each Plate is worth 1 Learning Unit for API's Continuous Professional Learning program.