Price includes 14 nights double-occupancy lodging and will be finalized by the time registration opens in January. (A VERY limited number of single rooms will be available for an additional price to be determined.) Price also includes transportation by minivan, most lunches, a few cooked group dinners, and some breakfasts. It does not include transport to and from Halifax, NS, or transportation within Halifax. At least one student member discount will be available, as well as discounts for van drivers and a food coordinator.

AWG Newfoundland and Nova Scotia Field Trip

August 1-15, 2023

Join us for a beautiful and fascinating geologic tour of the western part of Newfoundland and coastal Nova Scotia. The Newfoundland portion will be led by Dr. James Brenan (Dalhousie Univ.) and Dr. Neil Bennett (University of Toronto). The focus will be on Newfoundland’s Humber Zone, that records Cambrian to Ordovician passive margin sedimentation followed by deformation and ophiolite obduction during the closure of the Iapetus Ocean during the Taconic Orogeny. The Nova Scotia portion will be led by Dr. Sandra Barr (Acadia Univ.) and will explore coastal Cape Breton Island and southern Nova Scotia looking at the varied rocks of Laurentia and the accreted crustal blocks of Ganderia, Avalonia, and Meguma. Trip highlights include:

- Gros Morne National Park in western Newfoundland, including Laurentian lower Paleozoic shelf sediments, submarine volcanics, and the Tablelands that expose oceanic crust and upper mantle rocks of the Bay of Islands Ophiolite Complex (BOIOC).
- A traverse of Trout River Pond by boat to explore the heart of the BOIOC and observe outcrops of the Moho.
- L’Anse aux Meadows, a UNESCO World Heritage Site, which contains the remains of an early 11th century Viking settlement and evidence for the first European presence in North America.
- A visit to the global stratotype for the Cambrian-Ordovician boundary at Green Point.
- A tour of coastal Cape Breton Island, including Avalonian volcanic arc rocks in the south, Ganderian metamorphic and granitoid rocks around the famous scenic Cabot Trail, and glimpses of billion-year-old Laurentian Shield rocks in the far north.
- A stratigraphic overview of the 15-km-thick turbidites of the Meguma terrane, their spectacular metamorphic mineralogy, and the associated aluminum-rich granites, including the iconic South Mountain Batholith.

Please email Marcia Knadle at marciaawg@aol.com if you would like to be added to the interest list to receive trip updates. The tentative price is $3000* with a minimum of 14 and a maximum of 16 participants, and you MUST be a 2023 member of AWG to join this trip. Registration materials and additional trip information will be available on or about January 2, 2023 at AWG Field Trips. A $500 deposit is due February 15, 2023 and full payment is due May 15, 2023.

Tablelands, Gros Morne NP, NL and Long Point and Port-au-Port Peninsula, NL.(photos N. Bennett)  Green Cove Headland, NS. (photo S. Barr)