

Impact Earth: A New Resource for Outreach, Teaching, and Research



www.impactearth.com



@impact_craters

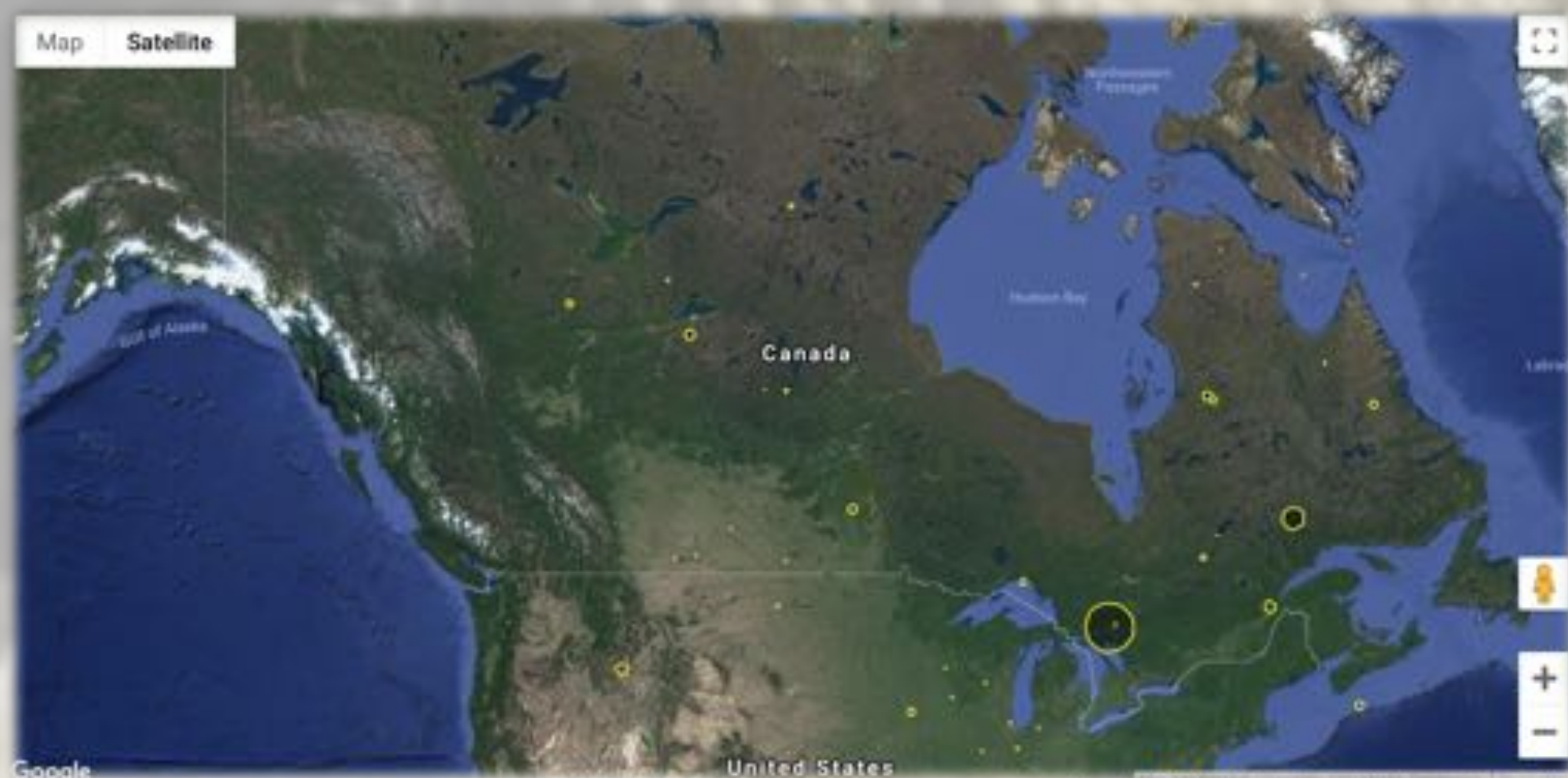


Gordon R. Osinski, Richard A. F. Grieve, Patrick Hill, Jen Newman, Parshati Patel, and Gavin Tolometti

The goal of Impact Earth is to engage researchers and the public alike in the study of meteorite impacts, fireballs, and meteorites. We invite you to explore the impact crater database, which highlights the numerous impact structures around the world, as well as our activities and resources designed for educators from elementary to university levels.

Impact Crater Database

- Searchable and interactive database of all confirmed impact structures on Earth.
- Various attributes provided for each crater.
- New attributes to be added regularly.



Cratering Activity

- Inquiry-based activity where students learn about scientific methods and develop their own experiments.
- Presentation, notes for educators, and student worksheets all available online and for free.



Rock Kits

- Rock kits and thin sections available for loan.
- Foundation kits contain a variety of rocks from several impact craters around the world.
- Kits for various individual craters available.



Fireballs and Meteorites

- Resources and information on fireballs and meteorites.
- Database of the >300 meteorites in Western's Meteorite Collection.
- Integration with the Southern Ontario Meteor Network.

