

## **CGU\_G\_02: North American Geoid Workshop**

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### **Workshop Description**

The Geodesy Section of the Canadian Geophysical Union is hosting a half-day North American Geoid Workshop during the Joint Annual Meeting. The Canadian Geodetic Survey of Natural Resources Canada and the US National Geodetic Survey of the National Oceanic and Atmospheric Administration will co-chair the workshop. The two government agencies invite academic institutions and private industry interested in contributing expertise and feedback or simply listening to current progress with respect to the realization and implementation of the future North American-Pacific Geopotential Datum of 2022 (NAPGD2022). It is a unified height reference system for North America and surrounding oceans (including Hawaii and US territories) that is realized by a geoid model, aligned to the Canadian Geodetic Vertical Datum of 2013, and compatible with space-based positioning. The workshop will introduce the main participants and discuss status of the project, data availability, theoretical approaches, computation methods, and challenges in constructing a unique height reference system across a continent. The workshop is not a training venue, but an active forum to bring ideas together in order to achieve the materialisation of NAPGD2022. If you are interested, please submit an abstract (see abstract submission) by simply stating that you intend in participating to the Workshop.

**Primary Affiliation:** CGU, Geodesy

**Joint Session Submission:** none