

Geodesy Section report for 2024

Prepared by Ismael Foroughi, Geodesy Section President

The 2024 CGU Annual Meeting was held in Ottawa, Ontario, from May 26 to 29. The Geodesy Section had an active presence at the meeting, highlighted by scientific sessions, outreach activities, awards, and community events.

Scientific Sessions

The Geodesy Section organized three sessions at the annual meeting:

- G1: General Geodesy – 12 presentations
- G2: Geodesy and the United Nations Sustainable Development Goals – 5 presentations
- G3: Quantum Technologies for Geodesy – 4 presentations

These sessions showcased a wide range of research topics and underscored the relevance of geodetic science to both fundamental research and societal applications.

Business Meeting

The annual business meeting of the Geodesy Section was held on 27 May 2023 during the Ottawa conference. At this meeting, Dr. Jianliang Huang concluded his term as Vice-President, and Dr. Michael Sheng was elected as the new Vice-President of the section.

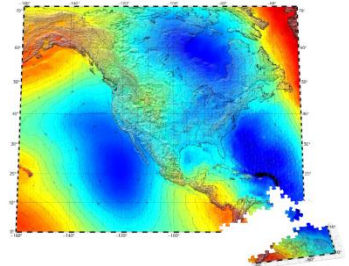
Awards and Recognition

- The CGU Tuzo Wilson Medal was awarded to Dr. Spiros Pagiatakis in recognition of his outstanding contributions to geodesy and geophysics over the course of his career. The nomination committee included Dr. Ismael Foroughi, Dr. Sunil Bisnath, Dr. Petr Vaníček, and Dr. Ebrahim Ghaderpour.
- The Geodesy Section Student Paper Award was jointly presented to Mike Bremner and Yuying Wang.

Section Activities and Outreach

This year, the Geodesy Section executive secured funding from the CGU General Committee to promote geodesy within the broader geophysical community. The funds supported several initiatives:

- Jigsaw puzzles featuring GEOID2022, a regional geoid model jointly computed by the Canadian Geodetic Survey (NRCan) and the National Geodetic Survey (NOAA). GEOID2022 represents the new realization of the height system for Canada, the United States, and Mexico.
- Geodesy Section t-shirts designed with the new Geodesy logo, which were distributed to section attendees.



The section also organized a tour of the Dominion Observatory in Ottawa, led by Mr. Calvin Klatt, and hosted a well-attended Geodesy Social Night at the home of Dr. Klatt, former Director of the Canadian Geodetic Survey.



Some of the Geodesy Section attendees wearing the Geodesy-sponsored t-shirts.



Attendees of the Geodesy Section tour at the Dominion Observatory.



Dr. Calvin Klatt leading a tour of the Dominion Observatory.



Geodesy Section Social Night hosted at the residence of Dr. Calvin Klatt.



From left to right: Dr. Claire Oswald (CGU Vice-President), Dr. Spiros Pagiatakis (recipient), and Dr. Andrew Ireson presenting the CGU Tuzo Wilson Medal.



Dr. Spiros Pagiatakis delivering his acceptance speech for the CGU J. Tuzo Wilson Medal.



Astro, Dr. Calvin Klatt's dog, proudly sporting a Geodesy Section t-shirt.



From left to right: Yuying Wang (York University), recipient of the Geodesy Section Student Paper Award; Dr. Ismael Foroughi, President of the Geodesy Section; and Mike Bremner (Canadian Geodetic Survey), co-recipient of the Student Paper Award.