

CGU Biogeosciences Section 2025 Annual Report

Membership

We currently have 47 primary Biogeosciences Section members, of which 25 are student members. Additionally, we have 54 secondary Biogeosciences Section members with ~46% student membership.

Biogeosciences Section Awards

In 2025 the Biogeosciences Section awarded both a Best Student Oral Presentation and Poster presentation at the CGU Annual Meeting in Saskatoon that were sponsored by Hoskin Scientific. The best Student Oral Presentation was award to Thomas Bosse-Demers and there were two Best Student Poster Presentations, awarded to Bronwyn Lorain Riddoch and Avery Opalka. Congratulations on your achievement. Overall, ~25% of our student membership submitted for consideration of the awards. We implemented a new abstract evaluation process that resulted in a shortlist of students to be formally “judged” at the CGU. We are working on updating our awards memos to ensure students meet a set of common criteria when applying for awards.

FACETS Special Issue

This past year the Biogeosciences Section published a Collection in FACETS titled [Canadian biogeoscience research in the food-water-energy nexus: advances from processes to modelling](#). The collections is comprised of five papers spanning a range of topics (mercury cycling, phosphorous, greenhouse gas emissions, peatland policy, and ecosystem services). We would like to thank all those who contributed their research and helped during the review process.

Community and Social Events

We hosted two mentoring events aimed at increasing engagement with CGU students. Our two mentoring events. Each event had 10-15 very engaged students. Thank you to our mentees who gave their time to these outreach events.

At the CGU Annual Meeting in Saskatoon, we hosted a Biogeosciences social. We had a great turnout, over 80-100 people, and many others from other CGU sections. We look forward to continuing this strong tradition in Halifax in 2026.

Annual Meeting

The Biogeosciences section had a strong turnout at the CGU 2025 Annual Meeting in Saskatoon with 6 primary sessions and additional cross-listed sessions, largely with Hydrology. Overall, we had 48 oral presentations and 6 poster presentations. We continued our successful ECR Biogeosciences Session (biogEosCience peRspectives) with ten oral presentations and two posters. We also had a very successful plenary session presented by Dr. Helen Baulch titled “Maybe we can't solve this one: Eutrophication, harmful algal blooms, and a conversation on the place of water science in environmental problem solving”. We are excited about continuing to increase our presence in Halifax in 2026.

Cheers,



Colin McCarter

President, Biogeosciences Section, Canadian Geophysical Union