

International Association of Geodesy - Sub-Commission 3.4: Cryospheric Deformation (joint with IACS)

IAG co-Chair: Jeff Freymueller (USA)

IACS co-chair: Bert Wouters (Netherlands)

Vice-Chair: Natalya Gomez (Canada)

Annual Report for 2020 to IACS

- AGU session “Linking Cryosphere and the Solid Earth: From Sea Level Changes and Geodetic Time Series to Earth Rheology” (31 abstracts)
- Planning has started for the IAG Scientific Assembly 2021 in Beijing (, June 28 – July 3, 2021), where we submitted a proposal for a session on ‘Observations and modeling of deformation related to changing ice’ in collaboration with IAG Joint Study Group 3.1 "Recent modeling of Glacial Isostatic Adjustment with geodetic techniques". This session focusses on contributions that present observations and/or modelling of cryospheric changes and the response of the solid earth
- Cross-links established with AG Inter-Commission Committee on "Geodesy for Climate Research" (ICCC) JWG Geodesy for the Cryosphere: advancing the use of geodetic data in polar climate modelling
- First steps toward design of benchmarking exercise of 3D GIA codes and intercomparison of 3D viscosity models and 3D GIA model were made

Link with ICC