

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

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Annual Report for Sep 2021- Sep 2022 to IACS

In September 2021, the SERCE-PALSEA workshop took place (<https://palseagroup.weebly.com/2021-meeting.html>), where empiricists and modelers from the sea level and ice sheet communities together presented their work ~30 oral presentations and 2 poster session, including a number of presentations by members of sub-commission 3.4. Furthermore, the highly successful monthly virtual seminar series on sea Level, GIA and ice sheets was relaunched, jointly with colleagues representing the World Climate Research Program (WCRP) and measurements of Paleo Sea-level (PALSEA). This monthly seminar series has drawn over 100 participants worldwide to each seminar so far. At the European Geoscience Union General Assembly , initial plans for the 3D GIA benchmark effort were presented to the community. These were well received, which culminated in a GIA symposium at IUGG 2023, where the benchmark efforts will be one of the main topics of discussion. Furthermore, members of sub-commission 3.4 are involved in the preparations for a second IAG Inter-Commission Committee on "Geodesy for Climate Research" (ICCC) symposium early 2023.