

Glacial Isostatic Adjustment Within a Heterogeneous and Evolving Earth System



TUESDAY, MAY 14, 2024

All times PM Eastern Daylight Time (GMT-4)

1:00–1:05

Welcome and Introduction

Thorsten Becker, The University of Texas at Austin, COSEG chair

Session 1

Moderated by Jeff Freymueller, Michigan State University COSEG member

1:05–1:25

Comprehending glacial isostatic adjustment models: what are they and what do they tell us?

Rebekka Steffen, Lantmäteriet Sweden

1:25–1:45

GIA model uncertainties and applications to satellite data

Lambert Caron, Caltech/JPL

1:45–2:05

Constraining short- and long-term GIA with GPS time series

Grace Nield, Durham University

2:05–2:35

Panel 1 (Q&A with speakers)

2:35–3:00

Break

Session 2

Moderated by Jessica Warren, University of Delaware, COSEG member

3:00–3:20

Understanding the role of interacting timescales of deformation

Harriet Lau, Brown University

3:20–3:40

GIA modeling with 3D mantle and lithospheric structure

Shijie Zhong, University of Colorado Boulder

3:40–4:00

Ice Model Development: Challenges and Paths Forward

Glenn Milne, University of Ottawa

4:00–4:30

Panel 2 (Q&A with speakers)

4:30

Summary and Wrap-up

Steve Nerem, University of Colorado Boulder, COSEG member