

JPL/UCI Symposium on ISSM (Ice Sheet System Model) Public domain release.

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ISSM (Ice Sheet System Model) is the JPL (Jet Propulsion Laboratory) / UCI (University of California Irvine) developed ice sheet flow model. Capabilities of this integrated system model include:

- lower-order, higher-order (including full-Stokes), 2D-3D thermo-mechanical ice flow
- diagnostic, prognostic, transient
- anisotropic meshes, finite elements
- parallel capabilities, iterative solvers.

JPL/UCI is in the process of releasing ISSM into the public domain, under an open source license. The software will be hosted at JPL/UCI, under a versioning system, which will allow users/developers to develop a community around ISSM, geared towards improved cryosphere science.

The software will be released in conjunction with a symposium at JPL (Pasadena, CA USA) centered around the new science enabled by ISSM. The symposium will be held in mid-November (still to be determined), and will include science presentations as well as classes and tutorials on ISSM.

We will present a poster with all the details relating to ISSM and the Symposium. We would like to be part of the "Multi-discipline system science in WAIS: PIG, LARISSA, WISSARD, Ice2Sea" session.

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