

IACS



International Association of Cryospheric Sciences

<http://www.cryosphericosciences.org>

IACS is a constituent Association of the International Union of Geodesy and Geophysics IUGG and aims at promoting the study of the cryosphere in all of its aspects

The
[Working Group \(WG\) on Glacier Ice Thickness Estimation](#)
is pleased to announce the launch of

ITMIX the Ice Thickness Models Intercomparison eXperiment

and extends its **call for participation** to ITMIX from the WG members to the wider community.

The experiment aims at comparing existing approaches that estimate the ice thickness of glaciers and ice caps from characteristics of the surface, and will be run on a set of predefined test cases.

In a first step, the models participating to ITMIX are requested to generate an estimate of the ice thickness distribution for the above test cases by making best possible use of a set of provided data. These data include glacier outlines, digital elevation models of the surface, and - depending on the test case - a combination of informations about surface mass balance, surface flow velocities, and rates of ice thickness change. In a second step, the so-produced results will be compared against direct ice thickness measurements.

The ITMIX is anticipated to provide insights in the performance of individual approaches and to allow a better quantification of the accuracy with which ice thickness distributions for glaciers around the globe can currently be estimated.

For more information about the scope, rules, and plan of action of the experiment, as well as for participating to the ITMIX itself, please **visit**

www.cryosphericosciences.org/itmixon.html

The **deadline for the submission of results** to the first phase of the experiment is
Monday 29 February 2016.

For any sort of feedback or further questions, please don't hesitate to contact us directly.
We are looking forward to a successful experiment!

In the name of the whole working group, the WG co-chairs:

Daniel Farinotti, Huilin Li, and Liss M. Andreassen



International Union of Geodesy and Geophysics IUGG
Union Géodésique et Géophysique Internationale UGGI
<http://www.iugg.org>