



Ice2sea initial progress

Elaina Ford and David Vaughan
(eakf@bas.ac.uk)

Ice2sea is an EU Framework 7 funded project with 24 partners across Europe with the goal of constraining predictions of contributions of continental ice to sea-level rise over the next 200 years. We will do this through an integrated programme that includes targeted studies of key processes in mountain glacier systems and ice caps (e.g. Svalbard, Patagonia), and in ice sheets in both polar regions (Greenland and Antarctica); improved satellite determinations of changes in continental ice mass; development and implementation of ice-sheet/glacier models to generate detailed projections of the contribution of continental ice to sea-level rise over the next 200 years. We will deliver these results in forms accessible to scientists, policy-makers and the general public, which will include clear presentations of the sources of uncertainty. We are now a year into the project and in addition to some initial model output, recent field campaigns have provided data to be analysed. We summarise progress made to date, the targets for the coming year, and explain how you can stand informed and perhaps get involved in ice2sea.