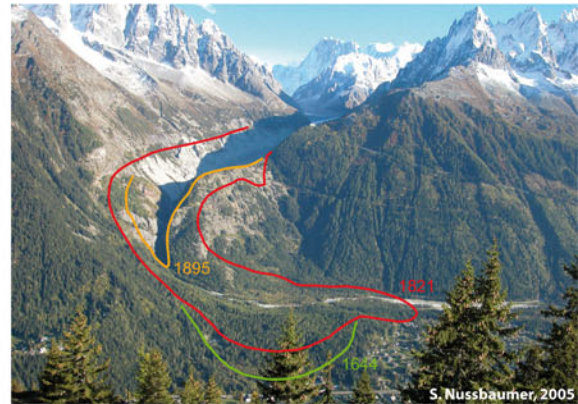




J. C. Dahl, 1839/1847: Nigardsbreen (Norway)



H. Plaut, 1850s: Mer de Glace (France)



S. Nussbaumer, 2005

Special presentation

Dr. Samuel Nussbaumer

Department of Geography and World Glacier Monitoring Service
University of Zurich, Switzerland

Reconstructing past glacier fluctuations using historical documents: examples from Europe (Alps, Norway) and South America

Abstract:

There is considerable historical evidence for European glacier dynamics over the past centuries. Evaluation of this information allows reconstructing glacier length variations from the Little Ice Age until the present. For several glaciers, reconstructions with decadal or nearly annual resolution can be achieved. This revealed that there is a striking asynchrony between Alpine and Scandinavian glacier fluctuations during the Little Ice Age and in the 20th century. In South America, historical information is much less abundant, but early photographs and maps depict changes for selected glaciers before the onset of modern measurements.

Place: Room SSC 2333

Friday, June 22, 2012, 3:00 PM

You are kindly invited to participate!



A. M. de Agostini, 1931: Glaciar Piedras Blancas (Argentina)



S. Nussbaumer, 2011