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Cover image

Lago Cachet II in the Northern Patagonian Icefield after a glacier lake outburst flood event. The photo (© H.-G. Maas) shows the flank of Glaciar Colonia, which dammed a river and formed Lago Cachet II during its advance approximately 15,000 years ago. Due to recent glacier retreat and changes in hydrostatic balance, the lake water carved a subglacial pathway, creating a wide tunnel through melting and erosion. The corresponding article by Hans-Gerd Maas et al. introduces an early warning system for glacier lake outburst floods based on monoscopic image sequences and explores additional photogrammetric techniques for hydrographic environmental monitoring (pp. 12–29).

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About the Journal

The International Hydrographic Review (IHR) is an international scientific journal publishing peer-reviewed papers on all aspects of hydrography and associated subjects, ranging from the latest technical developments and significant events to book reviews and historical recollections. The IHR was first published in 1923 and since then has been published regularly.