



Cover image: Pictured is a supraglacial river flowing over the surface of the ice sheet in southwest Greenland. Laurence C. Smith et al. mapped 523 supraglacial rivers, which form as glacial ice melts, and collected hydraulic data to characterize supraglacial meltwater discharge in southwest Greenland following an extreme melt event in 2012. The rivers captured most of the associated meltwater and flushed it beneath the ice, where some water remained instead of flowing out to sea. The observed meltwater retention suggests that climate models may modestly overestimate meltwater discharge from the Greenland ice sheet by failing to account for water storage beneath the ice. See the article by Smith et al. on pages 1001–1006. Image courtesy of James Balog.

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