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Cover photo. The Quelccaya Ice Cap in southeastern Peru, here viewed from its central western margin, is the largest tropical ice cap in the world. The recent, rapid retreat of Quelccaya, consistent with most mid- and low-latitude glaciers, has exposed remarkably well-preserved, in-place vegetation deposits (foreground). Radiocarbon dating of these deposits constrains when Quelccaya's extent was last smaller than at present, and indicates that its current retreat is unprecedented over the past ~5 millennia. Photograph by Lonnie Thompson. (See the article by Buffen et al., pages 157–163, in this issue.)