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Nota di contenuto	Cover; Alaska's Changing Arctic; Copyright; Contents; Preface; Contributors; 1 Introduction; 2 Climate and Hydrometeorology of the Toolik Lake Region and the Kuparuk River Basin: Past, Present, and Future; 3 Glacial History and Long-Term Ecology in the Toolik Lake Region; 4 Late-Quaternary Environmental and Ecological History of the Arctic Foothills, Northern Alaska; 5 Terrestrial Ecosystems at Toolik Lake, Alaska; 6 Land-Water Interactions; 7 Ecology of Streams of the Toolik Region; 8 The Response of Lakes Near the Arctic LTER to Environmental Change; 9 Mercury in the Alaskan Arctic 10 Ecological Consequences of Present and Future Changes in Arctic Alaska Index
Sommario/riassunto	In this edition of the Long Term Ecological Research Network series, editors John Hobbie and George Kling and 58 co-authors synthesize the findings from the NSF-funded Arctic LTER project based at Toolik Lake, Alaska, a site that has been active since the mid-1970s. The book presents research on the core issues of climate-change science in the treeless arctic region of Alaska. As a whole, it examines both terrestrial and freshwater-aquatic ecosystems, and their three typical habitats: tundra, streams, and lakes. The book provides a history of the Toolik

Lake LTER site, and discusses its presen

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