

FOREWORD

This proceedings volume contains papers presented at the 61st Eastern Snow Conference (ESC) held 9–11 June 2004 in Portland, Maine, USA. Sessions covering snow measurement, remote sensing, basin-scale studies, glacial processes, lake ice, and winter storms were convened.

The ESC is a joint United States and Canadian forum for discussing recent work on operational, applied, and scientific issues related to snow and ice. It also retains an increasing interest as a symposium where novel approaches to cryospheric science of international significance are presented. The ESC has published an annual series of proceedings since 1952. Typical topics include studies of snow and ice as materials, snow removal, meteorological forecasting, river ice control, snow hydrology, snow chemistry, glaciology, remote sensing of snow and ice, and snow ecology. Membership in the ESC is open to all interested individuals and corporations. Additional copies of the current proceedings and all back issues can be obtained from the Secretary. More information about the Eastern Snow Conference may be found at <http://www.easternsnow.org/>.

We continue with an optional review process and authors may submit extended abstracts or full papers to the Proceedings. This year's Western Snow Conference (WSC) (<http://www.westernsnowconference.org/>) participants were invited to join the ESC participants in the option of submitting papers relevant to winter hydrology to the international journal *Hydrological Processes*. These papers went through a formal journal review, revision, and referee process, and many appear both in these proceedings and in the December 2004 issue of the journal. John Pomeroy (University of Saskatchewan), Kelly Elder (USDA Forest Service), and Andrew Klein (Texas A&M University) edited this special issue of *Hydrological Processes* dedicated to ESC/WSC papers.

We thank the editors at ERDC–CRREL. Over the years this group has contributed considerable time to this publication and has enhanced the quality of these proceedings.

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We look forward to seeing many of you at the 62nd Eastern Snow Conference meeting in Waterloo, Ontario, Canada, 8–10 June 2005. This meeting promises an exciting program with anticipated sessions in “The International Polar Year,” “Climate Change,” and “Hydrological and Hydro-Chemical Impacts of Snow and Ice.”

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ESC Proceedings Co-Editors
Bridgewater State College and ERDC–CRREL