

## PREFACE

THE International Symposium on the Thermal Regime of Glaciers and Ice Sheets was initiated by the Canadian National Research Council's Subcommittee on Glaciers and sponsored by Simon Fraser University, Burnaby, British Columbia, Canada, and held in that University at Burnaby from 8 to 11 April 1975. The Organizing Committee consisted of G. K. C. Clarke (Department of Geophysics and Astronomy, University of British Columbia), S. J. Jones (Inland Waters Branch, Department of the Environment, Ottawa), W. H. Mathews (Department of Geology, University of British Columbia), W. S. B. Paterson (Polar Continental Shelf Project, Department of Energy, Mines and Resources, Ottawa), R. B. Sagar (Department of Geography, Simon Fraser University), and B. G. Wilson (Academic Vice-President, Simon Fraser University). This Committee arranged both the scientific programme and the local organization. Papers were in three categories: invited papers, contributed papers, and reports on current work. Invited papers were requested by the organizing committee and were chosen to provide a review of the present state of knowledge of the thermal regime of glaciers and ice sheets. Contributed papers were selected by the organizing committee from among those for which titles had been submitted by a deadline in August 1974. Reports on current work were selected by the committee from titles submitted by 1 April 1975, and were intended to provide an opportunity for reports on work more recent than the contributed papers' deadline or still in progress. The first and second circulars for the Symposium giving full details of the arrangements were published in the Society's news bulletin, *Ice*, Nos. 44 and 45, 1974.

The Organizing Committee requested the International Glaciological Society to consider publication of the proceedings in the *Journal of Glaciology*, and to this the Society agreed on the same conditions as apply to its own symposia, that the papers are received by a stated deadline and are then subjected to the same refereeing procedure as for papers submitted to the *Journal of Glaciology* in the usual way. Both invited and contributed papers were eligible for publication in this form, and this issue of the *Journal* contains those papers together with abstracts of papers presented at the symposium but not published in full (for whatever reason). For some reports on current work the editors have not received abstracts; in these cases there is no further record of the paper other than its title in the programme of meetings. Abstracts are also included for those contributed papers accepted for the meeting which, because of the absence of their authors, were not presented or discussed.

An edited version of the discussions which took place is also included. These discussions have been based on written contributions handed in by participants in the discussion at the end of the session, apart from the general discussion in the second half of session 8, which has been edited from a tape-recording of the proceedings. All participants have been sent the draft edited version of their discussion contributions and given an opportunity to correct or up-date it.

The papers in the issue are in the order in which they were presented at the Symposium, and thus invited papers are dispersed through the volume and precede other papers on a similar topic.

The editors of the *Journal* acknowledge the help they have received from members of the Organizing Committee in the handling of papers, including the preparation of the reports of discussions and assistance with organizing the refereeing of papers.