Special Report 82-20

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US Army Corps of Engineers
Cold Regions Research & Engineering Laboratory

Bibliography of literature on China's glaciers and permafrost

Part I: 1938–1979

Shen Jian and Zhang Xianggong, Editors

ADDENDUM - CRREL SPECIAL REPORT 82-20

During translation of the bibliography a page was inadvertently omitted. The following entries should have appeared between items 6 and 7 on page 10:

Yang Zhenniang: Some problems of the forecast of flood in the mountain areas of Northwest China. Collected Papers of the Academic Conference on the Geography of Arid Regions, 1966.

Tang Qicheng: Effects of geographical factors on the distribution and variation of run-off in Xinjiang. Collected Papers of the Academic Conference on the Geography of Arid Regions, 1966.

Glacial climate

Cheng Engjiu: Characteristics of the local glacial climate in the Tianshan Mountains. Dili, May 1963.

Cheng Jinxi and Xiao Shou: Local summer climate of No. 1 glacier at Shengli Daban in the Tianshan Mountains. Research on the Glaciers and Snow Cover of Xinjiang (Proceedings). Published by the Xinjiang Science and Technology Committee, September 1964.

Quan Zhijun, Wang Yingsheng and Zhang Xuewen: Approach to the last 100 years' variations of climate in Xinjiang Province from the annual rings of trees. Research on the Glaciers and Snow Cover of Xinjiang (Proceedings). Published by the Xingiang Science and Technology Committee, September 1964.

Kunlenshan

Chui Zhijou: Some characteristics and development conditions of the Gonggershan Glacier in the Moshitage Mountains. Dili Xuebao, vol. 26, no. 1, 1960.

Dong Guangrong: The results of experiments on the artificial melting of ice and snow in the Moshitage Mountains. Collected Papers of the Academic Conference on the Geography of Arid Regions, 1966.

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20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*

This report is a translation of a book received by USACRREL as part of its cooperative program with the Institute of Glaciology and Cryopedology, Academica Sinica, People's Republic of China. The bibliography covers the following topics: glaciers by geographic regions, applied glaciology including snow, avalanches, and river ice, permafrost (cryopedology), mud flows, and survey techniques including mapping, remote sensing, and isotope analyses. A list of Chinese journals is included.

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Preface

This report is being published in order to increase the awareness among English-reading glaciologists and permafrost specialists of recent Chinese literature. Within the past eight or so years numerous North American delegations and individuals have visited the Peoples' Republic of China. This report provides valuable background to the wide range of publications concerning the subjects of glaciology and permafrost. The recent CRREL Special Report 82-3 by J. Brown and Y.C. Yen tabulated much of the recent Chinese permafrost publications. This translation has not been edited. The original Chinese version is available at CRREL.

Editor's Explanation

1. The bibliography on glaciers and permafrost is being published in two parts. The first part is the Chinese language section, which reflects for the most part the results of research on the glaciers and tjaele of China. The foreign language references have been placed in Part Two, which includes for the most part the results of research by foreign scholars on China's glaciers and permafrost.

2. Literature topics. Papers on present ice are arranged by mountain systems, scientific classification and in order of time sequence. Papers on fossil glaciers are arranged by region and period, while papers on cryopedology are arranged by subject classification and period.

3. Papers by Chinese scholars that have appeared in foreign journals written in foreign languages have been included in the Chinese language bibliography. There is an indication after the title as to whether the paper is in English or another language.

4. Most of the books and periodicals in which the papers are collected are in our library. Some of them were found by reference to the "Bibliography of Literature on China's Geomorphology." The period covered is from 1938 through September 1979.

5. Part One of this bibliography on glaciers and permafrost was edited by Shen Jian and Zhang Xianggong. Ren Binghui and Zhang Changqing participated in some of the collation work.

6. This bibliography is far from complete and there are certain to have been many errors and omissions. It is our hope that the reader will make corrections and supplement the information.

The Editor

On the eve of the 30th
National Day

Table of Contents

Chinese Journal Names and English Translations

Beijing Daxue Xuebao -- Beijing University Journal
Beijing Shifan Daxue Xuebao -- Beijing Normal University Journal
"Bingchuan Dongtu" -- Glaciers and Permafrost
Bingchuan Dongtusuo Jikan -- Glacier and Permafrost Institute Quarterly
Bingchuan Dongtu Shamo Jikan -- Glaciers, Permafrost and Deserts Quarterly

Dili -- Geography
Dili Jikan -- Geography Quarterly
Dili Kuaibao -- Geography Bulletin
Dili Xuebao -- Acta Geographica Sinica
Dili Yibao -- Geography Translations Journal
Dili Zhishi -- Geographical Knowledge
Dilixue Ziliao -- Geography Data
Disiji Dizhi Yanjiusuo Jikan -- Quaternary Geology Institute Quarterly
Dixue Zazhi -- Geography Journal
Dizhi Chubanshe -- Geology Publishing House
Dizhi Lunping -- Geology Review
Dizhi Xuebao -- Acta Geologica Sinica
Dizhi Yicong -- Geology Translations Compendium

Ertong Shidai -- Children's Age

Gansu Keji -- Gansu Science and Technology
Gansu Ribao -- Gansu Daily
Guangming Ribao -- Guangming Daily

Haiyang Jikan -- Oceanology Quarterly
Hangzhou Daxue Xuebao (Ziran Kexue) -- Hangzhou University Journal (Natural Science)
Huanan Shida Xuebao (Ziran Kexue) -- Huanan Normal University Journal (Natural Science)
Huazhong Shiyuan Xuebao -- Huazhong Normal College Journal

Kance Jishu -- Survey Techniques
Kancha Jishu -- Prospecting Techniques
Kexue -- Science
Kexue Chubanshe -- Science Publishing House
Kexue Dazhong -- Scientific Masses
Kexue Huabao -- Science Pictorial
Kexue Jilu -- Science Record
Kexue Shiyan -- Scientific Experiment
Kexue Tongbao -- Bulletin of Science

Lanzhou Daxue -- Lanzhou University
Lanzhou Daxue Xuebao -- Lanzhou University Journal
Luxingjia -- Traveler

Minzhong yu Kexue -- The Masses and Science

Nanjing Daxue Xuebao (Dilixue) -- Nanjing University Journal (Natural Science)

Qinghui Zhoukan -- Qinghui Weekly

Renmin Huabao -- People's Pictorial
Renmin Jiaotong Chubanshe -- People's Communications Publishing House
Renmin Ribao -- People's Daily
Renmin Tiedao Chubanshe -- People's Railways Publishing House

Shandong Shifan Xueyuan Xuebao -- Shandong Normal College Journal
Shanghai Xinwen Wanbao -- Shanghai Evening News
Shuiwen Dizhi Gongcheng Dizhi -- Hydrogeology and Engineering Geology

Taiwansheng Haiyang Yanhiusuo Yanjiu Jikan -- Taiwan Province Oceanography Institute Research Quarterly
Tielu Shigong Jingyan -- Railroad Construction Experiences
Turang -- Soil
Turang Zhuanbao -- Soil Science Journal

Wen Hui Bao -- Wen Hui Bao [newspaper]

Wenshi Zazhi -- Literature and History Journal

Xian Wanbao -- Xian Evening News

Xibei Lunheng -- Xibei Discussion

Xinjiang Dizhi Diaochasuo Dizhi Kuangchan Jianbao -- Geology and Mining Bulletin of the Xinjiang Geology Survey Institute

Xinjiang Kexue Xuebao -- Xinjiang Science Journal

Xueshu Huikan -- Science Journal

Yunnan Daxue Xuebao -- Yunnan University Journal

Zhekiang Quce -- Zhejiang Regional Survey

Zhongguo Disiji Bingchuan Dizhi -- China Quaternary Glacier Geology

Zhongguo Disiji Yanjiu -- China Quaternary Period Research

Zhongguo Dixuehui Huizhi -- Journal of the Chinese Geology Society

Zhongguo Dizhi -- Chinese Geology

Zhongguo Jianshe -- China Reconstructs

Zhongguo Kexue -- Scientia Sinica

Zhongguo Jianzhu Gongye Chubanshe -- China Construction Industry Publishing House

Zhongguo Qingnian Bao -- China's Youth Journal

Zhongyang Yanjiuyuan Dizhi Yanjiusuo Jianbao -- Bulletin of the Geology Institute of the Centraul Research Academy

Ziran Zazhi -- Nature Magazine

Ziran Ziyuan -- Nature Data

Note: The term "Shan" means mountain. -- Translator.

BIBLIOGRAPHY OF LITERATURE ON CHINA'S GLACIERS AND PERMAFROST

(Chinese Language Section)

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*Transliteration of Russian name from Chinese characters. Actual reading may be differ slightly. --Translator.

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