

AD-A122 399

BIBLIOGRPPHY OF LITERATURE ON CHINA'S GLACIERS AND
PERMAFROST PART I 1938-1979(U) COLD REGIONS RESEARCH
AND ENGINEERING LAB HANOVER NH S JIAN ET AL SEP 82
CRREL-SR-82-28-PT-1 F/G 8/12

1/1

UNCLASSIFIED

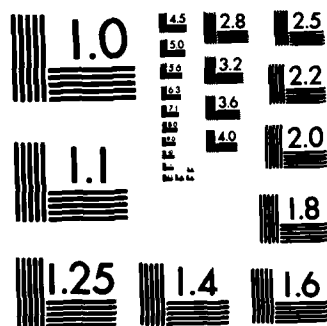
NL

END

FILMED

+

DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

Special Report 82-20

September 1982



(12)

**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

AD A 122 399

FILE COPY

Approved for public release; distribution unlimited.

1

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 Zhenliang: 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 Xinjiang 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.

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER Special Report 82-20	2. GOV. ACCESSION NO. A122 299	RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) BIBLIOGRAPHY OF LITERATURE ON CHINA'S GLACIERS AND PERMAFROST Part I: 1938-1979	5. TYPE OF REPORT & PERIOD COVERED Translation	
	6. PERFORMING ORG. REPORT NUMBER	
7. AUTHOR(s) Shen Jian and Zhang Xianggong (Editors)	8. CONTRACT OR GRANT NUMBER(s)	
9. PERFORMING ORGANIZATION NAME AND ADDRESS Inst. of Glaciology & Cryopedology Academica Sinica Lanzhou, People's Republic of China	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
11. CONTROLLING OFFICE NAME AND ADDRESS U.S. Army Cold Regions Research and Engineering Laboratory Hanover, New Hampshire 03755	12. REPORT DATE September 1982	
	13. NUMBER OF PAGES 50	
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)	15. SECURITY CLASS. (of this report) Unclassified	
	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE	
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES This report was translated by International Translation Co., West Peabody, Massachusetts.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Bibliographies China Glaciers Permafrost		
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.		

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

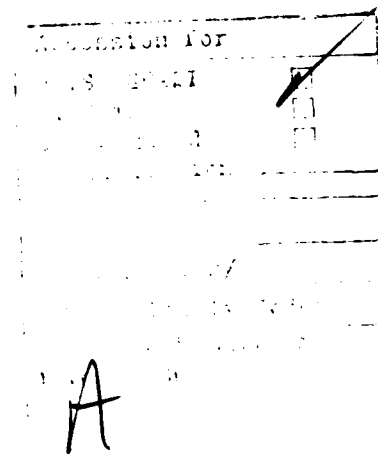
On the eve of the 30th
National Day

Table of Contents

Part One: Glaciology	Page
Present ice	1
General topics	1
Qilian Shan	4
Ordinary glaciers	4
Glacier hydrology	5
Glacier climate	5
Tian Shan	6
Ordinary glaciers	6
Glacier physics	8
Glacier hydrology	9
Glacier climate	9
Himalayas	10
Mount Qomolangma	10
Ordinary glaciers	10
Glacier physics	12
Mount Xixiabangma	13
Southeastern Tibet	13
Karakorum Mountains	14
Ordinary glaciers	14
Glacier physics	15
Glacier hydrology and climate	16
Applied glaciology	16
Snow cover and blown snow	16
Avalanches	18
River ice	19

Fossil glaciers and periglacial areas	20
General topics	20
Western alps and plateaus	23
Southwest (Yunnan, Guizhou and Sichuan)	26
Northeast and North China	28
Central China and Eastern China	29
Southern China	31
Part Two: Cryopedology	33
Ordinary permafrost	33
Engineering permafrost	36
Permafrost mechanics	38
Permafrost physics	40
Part Three: Mud-rock flows	42
Part Four: Survey techniques	43
Surveying and mapping of mountainous regions	43
Remote sensing and telemetry	43
Isotopes	43
Equipment and instruments	44

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 Yanhiesuo 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 Central 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)

Part One -- Glaciology

Present Ice

General topics

Lu Hansen: Theoretical inferences concerning China's geomorphology from advance and retreat of glaciers. Zhongguo Dizhixuehui Huizhi, Vol. 14, No. 1, 1936.

Lebezhev*: Some present basic problems of glaciology and paleo-glaciology interrelated to study of the topography of glaciers. Basic Theoretical Problems in Present Geomorphology, Kexue Chubanshe, 1958.

Cui Zhijiu: Initial observations of present ice at Gongga Shan. Dili Xuebao, Vol. 24, No. 3, 1958.

Lebezhev*: Research on the topography of glaciers. Field Methods of Studying Geomorphology. Kexue Chubanshe, 1959.

Shi Yafeng: The contribution of alpine glaciers in creating the arid climate of the northwest. Kexue Tongbao, No. 1, 1961.

Advances in research on glaciers and permafrost in this country. Kuangming Ribao, 25 March 1962.

Cui Zhijiu: Present ice of China. Dili, May 1962.

Liu Zechun: Classification and nature of snow lines and firn lines. Dili, No. 1, 1963.

Cui Zhijiu: Nature's thermometers -- Trends in world climate change taking glaciers into consideration. Zhongguo Qingnianbao, 6 June 1963.

Ren Binghui: An academic conference on utilization of alpine ice and snow. Kexue Tongbao, July 1963.

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

Shi Yafeng: Research in China over the past five years on glaciology, cryopedology and hydrology of arid regions. Kexue Tongbao, March 1964.

Yan Qinshang, Ren Binghui and Xu Shiyuan: Further development of some problems in research on periglacial areas in China. Dili Xuebao, No. 2, 1964.

Shi Yafeng and Xie Zichu: The basic characteristics of China's present ice. Dili Xuebao, Vol. 30, No. 3, September 1964.

Hydrology Section, Department of Glaciology and Cryopedology: The present state of research on hydrological problems in the northwest arid region of China and opinions regarding future research. Kexue Tongbao, No. 11, 1965.

Shi Yafeng, Zhang Xiangsong and Ren Binghui: A general discussion of research on the geomorphology of glaciers in western China. 1977 National Academic Conference on Geomorphology.

Ren Binghui and Xie Zichu: The relationship between fluctuations in the alpine glaciers of western China and changes in climate. Collected Papers on Climatic Changes and Long-Range Forecasting. Kexue Chubanshe, 1977.

Ren Binghui: Data on China's glaciers. Ziran Ziyuan, No. 1, 1979.

Shi Yafeng, Xie Zichu, Zheng Benxing and Li Jijun: Characteristics of and changes in the distribution of glaciers in China. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Hou Renzhi: The 1978 Academic Conference on Glaciology and Cryopedology. "Bingchuan Dongtu," No. 1, 1979.

Shi Yafeng, Xie Zichu, Li Jijun and Yu Jie: International trends in the development of glaciology as ascertained from visits to Switzerland, England and France. "Bingchuan Dongtu," No. 1, 1979.

Shi [two characters illegible]: Some problems in scientific research on ice and snow. "Bingchuan Dongtu," No. 1, 1979.

Kou Xiaoguan*, Xie Weirong, Xiao Shu, Li Jinren*: Heat exchange at the surfaces of glaciers in China. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

*Print poorly legible. --Translator.

Xie Zichu: Initial research on the stability coefficients of glaciers. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Shi Yafeng: Summary of the 1978 Academic Conference on Glaciology and Cryopedology. "Bingchuan Dongtu," No. 1, 1979.

Zhang Xiangsong: Major advances in world cataloguing of glaciers. "Bingchuan Dongtu," No. 1, 1979.

Liu Huhai: A brief introduction to "A Guide to the Catalogue of Glaciers in the Soviet Union." "Bingchuan Dongtu," No. 1, 1979.

Yong Shu: Glaciers. Kexue Dazhong. August 1955.

Soviet Encyclopedia. Glaciers. Dizhi Chubanshe.

Liu Zhenzhong: Mountain glaciers. Dili Zhishi, June 1965.

Fei Jinshen: Melted glacial water. Shanghai Xinwen Wanbao, July 1963.

Fei Jinshen: Information about glaciers. Xian Wanbao, May 1965.

Ren Binghui: A discussion of the movement of glaciers. Dili, 1965.

Aftsanke*: A Guide to Basic Methods of Research on Glaciers. Kexue Chubanshe, 1959.

Ren Binghui: Glaciers (in English). Zhongguo Jianshe, No. 1, 1975.

Fei Jinshen: Four questions about glaciers. Dili Zhishi, September 1978.

Department of Glaciology, Lanzhou Glacier and Permafrost Institute and Department of Geology and Geography, Lanzhou University: The World of Ice and Snow. Kexue Chubanshe, April 1978.

Xie Zichu and Zhang Xiangsong: International trends in the development of glaciology. "Bingchuan Dongtu," 1978 trial edition.

Ren Binghui: A world peak more than 8000 meters in height. "Bingchuan Dongtu," 1978 trial edition.

Xie Zichu: Trends in South Pole research (A survey of Soviet studies of the South Pole). "Bingchuan Dongtu," 1978 trial edition.

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

Fei Jinshen: Present ice in our nation. Dili Zhishi, November 1978.

Chi Jianmei: The peaks of China. Ziran Zazhi, Vol. 2, No. 6, 1979.

Qilian Shan

Ordinary glaciers

Shi Yafeng: Present day ice resources in the Qilian Shan and problems in their utilization. Kexue Tongbao, No. 3, 1959.

Zhu Gangkun: Making alpine ice and snow serve mankind -- Experiments and problems relating to artificial acceleration of melting of ice and snow in the Qilian Shan. Kexue Tongbao, No. 3, 1959.

Yang Songxi: Revealing the secrets of winter of the Qilian Shan. Kexue Bao, 5 January 1959.

Shi Yafeng and Wang Zongtai: Present ice in the Qilian Shan. Dili Zhishi, February 1959.

Shi Yafeng: Problems of the distribution, storage, development and utilization of present ice in the Qilian Shan. Report of Studies of Present Ice in the Qilian Shan. Kexue Chubanshe, April 1959.

Liu Zichun: Report on studies of present ice in the upper reaches of the Beida River. Report of Studies of Present Ice in the Qilian Shan. Kexue Chubanshe, April 1959.

Xia Kairu: Report of studies on present ice in the Yema Shan and Danghenan Shan. Report of Studies of Present Ice in the Qilian Shan. Kexue Chubanshe, April 1959.

Li Jijun: Report of studies of present ice in the Hei River basin. Report of Studies of Present Ice in the Qilian Shan. Kexue Chubanshe, April 1959.

Liu Zhenzhong: Report of studies on present ice in the Lenglong Range region. Report of Studies of Present Ice in the Qilian Shan. Kexue Chubanshe, April 1959.

Zheng Benxing: Report of studies on present ice in the southwestern region of the Qilian Shan. Report of Studies of Present Ice in the Qilian Shan. Kexue Chubanshe, April 1959.

Cui Zhijiu: Report of studies on present ice on the north slope of the western segment of the Shulenan Mountains. Report of Studies of Present Ice in the Qilian Shan. Kexue Chubanshe, April 1959.

Xiao Qun: A discussion of studies of glaciers in the Qilian Shan. Luxingjia, June 1959.

Liu Zequn: Present ice in the Qilian Shan. 1960.

Collected Papers of the National Academic Conference on Geography (Geomorphology). Kexue Chubanshe, 1961.

Ren Binghui: The action of present ice in the Laohu ravine of the Yema Mountains. Collected Papers of the 1960 National Academic Conference on Geography. Kexue Chubanshe, 1961.

Li Jijun: Initial observations of the glacier on the south slope of the western segment of the Shulenan Mountains. Collected Papers of the 1960 National Academic Conference on Geography (Geomorphology). Kexue Chubanshe, 1961.

Zheng Benxing: A geomorphologic map of glaciers in the vicinity of Mount Qilian of Nan Shan in the Qilian Shan region corridor. Collected Papers of the 1961 Conference on Geomorphology. 1962.

Fei Jinshen: Morphological types, distribution and reserves of present ice in the Qilian Shan. Collected Papers of the 1978 Conference on Glaciology and Cryopedology. In press.

Fei Jinshen: Glacial water resources of the Qilian Shan. Gansu Keji, December 1978.

Wu Guanghe and Xie Zichu: Recent research on glaciers of the Qilian Shan. "Bingchuan Dongtu," No. 1, 1979.

Glacier hydrology and glacier climate

Yuan Yuanrong: Initial research on glacial run-off in the Laohu ravine of the Qilian Shan. Collected Papers of the Academic Conference on the Geography of Arid Regions, 1966.

Li Jian, Cai Xiangxing, Luo Deshi and Wang Zhonglong: Water resources in the mountainous region of the Xiyang River. Collected Papers of the Academic Conference on the Geography of Arid Regions, 1966.

Lai Zuming: Spatial distribution of land river run-off discharge in the Hexi region. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Zhou Bocheng: Relationship between run-off of melted glacial water and river Cv values. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Li Nianjie and Li Jianren: A study of the laws of run-off of melted glacial water -- The glacier of the Laohu ravine of the Taxue Mountains as an example. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wang Zhonglong: Thermal equilibrium at the ice surface during the melting period of Glacier No. 1 at the source of the Shuiguan River in the eastern part of the Qilian Shan. Collected Papers of the Academic Conference on the Geography of Arid Regions, 1966.

Tian Shan

Ordinary glaciers

Geography Institute: A study of the ice and snow resources of Tian Shan. Kexue Tongbao, No. 19, 1959.

Xu Shiyuan: Research on present glaciation in the Tian Shan of China. Dili Xuebao, No. 4, 1963.

Wang Zhichao: Present ice in the eastern segment of the Tian Shan in Xinjiang. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee. September 1964.

Wang Zhichao: Present ice and fossil glaciers in the Manaqi region. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee. September 1964.

Hu Ruji, Xu Shiyuan and Li Shanzheng: A preliminary study of the characteristics of the formation of the present ice in the Hamimiaoer ravine. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee. September 1964.

Hu Ruji, Xu Shiyuan and Li Shanzheng: Conditions of formation and problems in the utilization of ice and snow resources in the Hamimiaoer ravine basin. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee. September 1964.

Mao Dehua, Wang Shuji, Wang Guiling and Zhang Jinhua: Preliminary research on the characteristics of glacier formation in the Kaigong River -- Zhonggegen River basin on the northern slope of the Bogeduo Mountains. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee. September 1964.

Zhang Xiangsong: Development and evolution of the glacier on the north slope of the Bogeduo Mountains of Xinjiang. Huadong Shida Xuebao (Ziran Kexue), No. 2, October 1964.

Wang Zhichao and Wang Shuji: Present ice on the north slope of Mount Bogeduo of the Tian Shan and opinions on its development and utilization. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Society. September 1964.

Zheng Benxing and Ren Binghui: Ice and snow headwaters on the north slope of the western segment of the Bogeduo Mountains in Xinjiang and geomorphologic conditions for development of agriculture and animal husbandry (summary). Collected Papers of 1963 of the Annual Conference on Geography (Geomorphology), 1965.

Mi Desheng: A preliminary study of methods for representing the geomorphology of glaciers and ice margins on topographic maps. Collected Research Papers on Glaciology and Hydrology of the Urumqi River of the Tian Shan, 1965.

Fei Jinshen: News of the Tian Shan. Shanghai Xinmin Wanbao, August 1965.

Shi Yafeng and Su Zhen: Morphological characteristics and historical development of the glacier at the source of the Urumqi River in the Tian Shan. Collected Papers on Glaciology and Hydrology of the Urumqi River of the Tian Shan, 1965.

Xinjiang Science and Technology Committee: Catalogue of glaciers in the Tian Shan of China, 1975.

Ren Binghui: The geomorphology and the problem of the glacial epoch of the glacier in the upper reaches of the Ala ravine of Xinjiang. 1977 Academic Conference on Geomorphology, November 1977.

Ren Binghui: A general discussion of present ice in the Altai Mountains of China. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Su Zhen, et al.: Recent research on glaciers in the region of Mount Tuomuer. Collected Papers of the Academic Conference on Glaciers and Cryopedology. In press.

Glacier physics

Yuan Fangce and Ge Guangwen: The laws of movement of Glacier No. 1 on the Shengli slope of the Tian Shan and preliminary observations on its dynamics. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Society. September 1964.

Wang Wenying, Liu Jinghuang, Luo Xiangrui and You Genxiang: A contrastive survey of the retreat and movement of Glacier No. 1 of the Urumqi River in the Tian Shan in 1962-1973. Bingchuan Dongtusuo Jikan, No. 1. Kexue Chubanshe, Septmeber 1976.

Xie Zichu and Ge Guangwen: Accumulation, melting and material equilibrium of Glacier No. 1 of the Urumqi River of the Tian Shan. Collected Research Papers on Glaciology and Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Ge Guangwen and Wang Shuji: Accumulation of Glacier No. 1 on the Shengli slope of the Tian Shan -- Preliminary knowledge concerning the laws of melting and change. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee, September 1964.

Qiu Jiaqi: Temperature and humidity characterstics of Glacier No. 1 on the Shengli slope of the Tian Shan. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee, September 1964.

Xie Zichu, Huang Maohuan and Mi Aili: The snow of Glacier No. 1 at the source of the Urumqi River in the Tian Shan -- Evolution and ice-forming action of the firn layer. Collected Research Papers on Glaciology and Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Huang Maohuan, Xie Zichu and Mi Aili: Preliminary research on the structure of Glacier No. 1 at the source of the Urumqi River in the Tian Shan. Collected Research Papers on the Glaciology and Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Zhang Changqing: Determinations of the state of movement and of the thickness of Glacier No. 1 at the source of the Urumqi River in the Tian Shan. Collected Research Papers on the Glaciology and Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Huang Maohuan and Yuan Jianmo: The temperature of the surface layer of snow and ice of Glacier No. 1 at the source of the Urumqi River of the Tian Shan. Collected Research Papers on the Glaciology and Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Xie Weirong and Cao Meisheng: Preliminary result of measurements of evaporation at the snow surface of Glacier No. 1 at the source of the Urumqi River in the Tian Shan. Collected Research Papers on Glaciology and Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Liu Guangyuan and Zeng Xiangyin: Some characteristics of radiation equilibrium during the melting period of Glacier No. 1 at the source of the Urumqi River in the Tian Shan. Collected Research Papers on Glaciology and Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Yuan Jianmo: Preliminary research on radiation properties in the snow surface layer of Glacier No. 1 at the source of the Urumqi River in the Tian Shan. Collected Research Papers on Glaciology and Hydrology of the Urumqi River of the Tianshan. Kexue Chubanshe, 1965.

Bai Zhongyuan and Xie Weirong: Thermal equilibrium on open ice surface during the melting period of Glacier No. 1 at the source of the Urumqi River in the Tian Shan. Collected Papers on Glaciology and Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Glacier hydrology

Chen Jibei: A preliminary plan for hydrological forecasting in the north slope region of the Tian Shan. Collected Research Papers on the Glaciers and Snow Cover of Xinjiang. Published by the Xinjiang Science and Technology Committee, September 1964.

Yuan Guoying, Liang Xuetian and Chen Jibei: A study of methods of breaking up the Daxi ravine run-off of the Urumqi River. Collected Research Papers on the Glaciers and Snow Cover of Xinjiang. Published by the Xinjiang Science and Technology Committee, September 1964.

Wang Guiling: Annual changes in the supply of melted water from the river glacier on the north slope of the Tianshan in Xinjiang. Research on the Glaciers and Snow Cover of Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee, September 1964.

Kashgar Water Control Bureau: A method of hydrological forecasting of ice and snow supply to rivers in the Kashgar region. Collected Research Papers on the Glacier and Snow Cover of Xinjiang. September 1964.

Department of Arid Regions Hydrology, Glaciers and Permafrost Institute:
The present state of hydrological research in the northwestern arid
region of our country. Kexue Tongbao, No. 11, 1965.

Wang Wenjun: An inquiry into the relationship between surface water
and underground water in the Urumqi River basin. Collected Research
Papers on the Glaciology and Hydrology of the Urumqi River of the
Tian Shan. Kexue Chubanshe, 1965.

Wang Wenjun, Mo Chenglue, Lu Chuanlin and Li Jian: Melting of glaciers
and its supply effect on the Urumqi River. Collected Research Papers
on Glaciology and Hydrology of the Urumqi River of the Tian Shan.
Kexue Chubanshe, 1965.

Wang Wenjun and Chen Qinde: Analysis of the hydrological characteristics
of the Urumqi River. Collected Research Papers on Glaciology and
Hydrology of the Urumqi River of the Tian Shan. Kexue Chubanshe, 1965.

Wang Guiling and Wang Zhichao: The action of melted glacial water in
the Tian Shan region within the boundaries of this country in supplying
rivers. Collected Papers of the Academic Conference on the Geography
of Arid Regions. Kexue Chubanshe, 1966.

Yang Lipu, Guan Jiashun, Zhang Yuncheng and Yang Chuande: Equilibrium
of the supply and demand of water for farmlands in the Changji-Manasi
region. Collected Papers of the Academic Conference on the Geography
of Arid Regions, 1966.

Zeng Mingxuan and Dong Guangrong: Radiation and thermal equilibrium
during the melting period of the Qieerganbulake glacier of the
Mushitage Mountains. Collected Papers of the Academic Conference on
the Geography of Arid Regions, 1966.

Himalayas

Mount Qomolangma

Ordinary glaciers

Geomorphology Group of the Mountaineering Team Scientific Study Team
and Mount Qomolangma Mountaineering Team Scientific Study Team:
Present ice in the Mount Qomolangma region. Kexue Chubanshe, 1962.

Geomorphology Department and Powder Analysis Department of the
Geography Institute and Mount Qomolangma Mountaineering Team Scientific
Study Team: The geomorphology of the Mount Qomolangma region and
Quaternary Period geology. Kexue Chubanshe, 1962.

Wang Mingye and Mount Qomolangma Mountaineering Team Scientific Study Team: A general description of the natural geography of the Mount Qomolangma region. Kexue Chubanshe, 1962.

Geomorphology Group of the Mountaineering Team Scientific Study Team: Present ice in the Mount Qomolangma region. Report of Scientific Studies of the Mount Qomolangma Region. Kexue Chubanshe, 1962.

Su Zhen: Present ice in the Mount Qomolangma region. Kexue Shiyan, No. 4, 1973.

Glacier Department: Basic characteristics of the glaciers in the Mount Qomolangma region of southern Tibet. Zhongguo Kexue, No. 4, 1974.

[illegible] and Shi Yafeng: Evaporation* of glaciers in the Mount Qomolangma region. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Wang Shibao, Wang Zongtai and Shi Yafeng: Seracs and other ice surface forms in the glacier melting region of the Mount Qomolangma region. Report of Scientific Studies of the Mount Qomolangma region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Xie Zichu and Su Zhen: Quantity and distribution of development conditions of glaciers in the Mount Qomolangma region. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Su Zhen: The Jiuda glacier and the Gezhongkang glacier. Report of Scientific Studies of the Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Cui Zhijiu: A study of the process of development of the Rongbu Glacier and its trough valley in terms of the relationship between moraine origins and bed rock. Report on Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Zhang Xiangsong: Geological and geomorphological effects of the glaciers in the Mount Qomolangma region. Report on Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Wang Lilun: Catalogue of present ice within the borders of China in the Mount Qomolangma region. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

*Print poorly legible. --Translator.

Wang [illegible], Wang Wenshun* and Xie Zichu: [title poorly legible]. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Glacier physics

Wang Yanlong: Tectonic phenomena of the Rongbu Glacier. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Xie Zichu and Wang Zongtai: Ice-formation effects on the north slope of Mount Qomolangma. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Xie Zichu, Wang Zongtai and Zhu Mu: Temperatures in the ice layer of the Rongbu Glacier. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Xie Zichu: Melting characteristics of the Rongbu Glacier. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Xie Zichu and Wang Yanlun: Glacier ice structure on the north slope of Mount Qomolangma. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Zhang Shen, Zhang Qinglian, Xie Zichu and Zeng Qunzhu: Distribution of hydrogen and heavy oxygen in ice, snow and water in the Mount Qomolangma region of southern Tibet. Zhongguo Kexue, No. 9, 1973.

Zhang Shen, Zhang Qinglian and Xie Zichu: Distribution of hydrogen and heavy oxygen in ice, snow and water in the Mount Qomolangma region. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice).

Zeng Qunzhu and Kou Youguan: Thermal equilibrium during the melting period of the Rongbu glacier. Report of Scientific Studies of the Mount Qomolangma Region (Geomorphology and Present Ice). Kexue Chubanshe, 1976.

Kou Youguan, Zeng Qunzhu, Xie Weirong and Xie Yingqin: Solar radiation in the Mount Qomolangma region. Reports of Scientific Studies in the Mount Qomolangma Region (Meteorology and Solar Radiation). Kexue Chubanshe, September 1975.

Tibet Study Team of the Chinese Academy of Sciences: A general survey of studies of solar radiation in the Mount Qomolangma region. Report of Scientific Studies of the Mount Qomolangma Region (Meteorology and Solar Radiation). September 1975.

Mount Xixiabangma

Ji Zishen" The "crystal world" of Xixiabangma. Rinmin Ribao, 3 July 1964.

Huang Maohuan: The world of ice and snow of Xixiabangma. Kexue Dazhong, No. 9, September 1964.

Zheng Benxing: Revealing the secrets of Mount Xixiabangma. Dili, No. [omitted], 1964.

Shi Yafeng and Liu Dongsheng: A preliminary report of scientific studies of the Xixiabangma region. Kexue Tongbao, No. 10, October 1964.

Cui Zhijiu: Probing the great changes of Xixiabangma from ancient to modern times. Kexue Dazhong, October 1964.

Shih Yafeng: Probing the secrets of Xixiabangma. Renmin Huabao, December 1964.

Southeastern Tibet

Tang Bangxing: Preliminary observations of glaciers in the vicinity of the principal peaks of the Nianqingtanggula Mountains. Dilixue Ziliao, No. 6, 1959.

Du Ronghuan: Initial observations of the geomorphological characteristics of the Qinghai-Tibet Highway (section from the Kunlun Mountains to the Tanggula Mountains). Dili Xuebao, No. 6, 1964.

Most recent research on the glaciers of southeastern Tibet. Lanzhou Daxue Xuebao, No. 2, 1975.

Yuan Jianmo, Zheng Yangxin, Wang Zhonglong and Kang Zhicheng: Development conditions and basic characteristics of the Guxiang marine glaciers in Tibet. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Li Jijun and Zheng Benxing: Present state of research on glaciers of the Qinghai-Tibet plateau. "Bingchuan Dongtu," trial edition, November 1978.

Li Jijun and Zheng Benxing: Basic characteristics of present ice of the Qinghai-Tibet plateau. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Cui Zhijiu: Regional characteristics and laws of development of glacier geomorphology in the Qinghai-Tibet plateau (and adjacent mountainous regions). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Li Bingyuan: Present ice in the northern plateau of Tibet. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Zhang Weiyi: The geomorphology of periglacial areas of the Fenghuo mountainous region in the Qinghai-Tibet Highway line. "Bingchuan Dongtu, No. 1, 1979.

Xiao Shu (Glacier Climate Group): Radiation and climate in the Qinghai-Tibet plateau. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Shi Yafeng, Li Jijun and Zheng Benxing: The Qinghai-Tibet plateau heave and its effects on China during the glacial epoch. "Bingchuan Dongtu," No. 1, 1979; British Journal of Geography*, Vol. 9, 1979 (in English).

Li Jijun, Wen Shizang, Zhang Qingsong, Wang Shibao, Zheng Benxing and Li Bingyuan: A study of the extent over time and forms of the Qinghai-Tibet plateau heave. Zhongguo Kexue, No. 6, 1979.

Wang Shibao: Lava landforms the Tibetan plateau and their relationship to the plateau heave. Collected Papers of the 1977 National Academic Conference on Geomorphology.

Zheng Benxing: The distribution and characteristics of medium-sized and small ice sheets of the Qinghai-Tibet plateau. 1977 National Academic Conference on Geomorphology.

Cui Zhijiu: Characteristics of the [illegible] period of the Qinghai-Tibet plateau (and their relationship to lifting of the plateau). Collected Papers of the 1977 National Academic Conference on Geomorphology.

Karakorum Mountains

Ordinary glaciers

Lu Guangyu: Records of explorations of the glacial streams of the eastern Karakorum. Dixue Zazhi, Vol. 12, No. 78, 1916.

Shi Yafeng and Zhang Xiangsong: Recent historical changes in the Batuola glacier of the Karakorum Mountains. Dili Xuebao, Vol. 33, No. 1, 1978.

Batuola Glacier Study Group: The Batuola glacier of the Karakorum Mountains and changes in it. Zhongguo Kexue, No. 6, 1978.

*Translation of title from Chinese. --Translator.

Shi Yafeng, Wang Wenyong and Zhang Xiangsong: Quantitative forecasts of advances in this century of the Karakorum Mountains Batuola glacier and forecasts of trends for the following century. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Zhang Xiangsong, Shi Yafeng and Cai Xiangxing: Changes in the margins of the Batuola River in the Karakorum Mountains and the stability of the new river margins. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Zhang Xiangsong, Chen Jianming, Xie Zichu and Zhang Jinhua: General characteristics of the Batuola glacier in the Karakorum Mountains. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Wang Wenyong: Forecasts of changes in the Karakorum Mountains Batuola glacier and their experimental verification. Collected Papers of the 1979 Academic Conference on Glaciology and Cryopedology. In press.

Chen Jianming and Zhang Huaiyi: Controlled surveys of the Batuola glacier valley in the Karakorum Mountains and three-dimensional mapping of its surface. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Shi Yafeng and Zhang Xiangsong: Historical changes in the Batuola glacier of the Karakorum Mountains in the Quaternary Period and in recent period. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Glacier physics

Su Zhen, Zhang Xiangsong and Gu Zhongwei: Determinations of thickness and calculations of ice volume of the Batuola glacier in the Karakorum Mountains. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Zhang Jinhua and Bai Zhongyuan: Surface melting of the Batuola glacier in the Karakorum Mountains. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Bai Zhongyuan and Zhang Jinhua: Some characteristics of radiation and thermal equilibrium of the Karakorum Batuola glacier. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Wang Wenyong: Motion of the Batuola glacier in the Karakorum Mountains recent changes in it. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Glacier hydrology and glacier climate

Liu Guangyan: Survey of the climate along the Batuola glacier in the Karakorum Mountains and along the Karakorum Highway. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Li Nianjie, Cai Xiangxing and Li Jian: Calculations of the maximum floodwater flow volume of the Batuola glacier in the Karakorum Mountains. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Li Jian, Cai Xiangxing and Li Nianjie: Basic characteristics of the melt run-off of the Batuola glacier in the Karakorum Mountains. Observations and Research on the Karakorum Mountains Batuola Glacier (Monograph). Kexue Chubanshe, 1979.

Cai Xiangxing, Li Jian and Li Nianjie: Mud-rock flow on the left bank of the Hongzha River. Observations and Research on the Karakorum Mountains Batuola Reservoir (Monograph). Kexue Chubanshe, 1979.

Applied glaciology

Snow cover and blown snow

Qiu Jiaqi: The characteristics and effects of the radiation of snow cover. Research on the Snow Cover of Glaciers in Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee. September 1964.

Yang Ronghuan, Hu Ruji, Xie Minquan and Wang Yinsheng: The snow cover in the Urumqi region and its utilization. Collected Papers on Research on the Snow Cover of Glaciers in Xinjiang. Published by the Xinjiang Science and Technology Committee. September 1964.

Hu Ruji and Li Jiangfeng: The snow cover in Xinjiang and its significance in agricultural production. Collected Papers on Research on the Snow Cover of Xinjiang. Published by the Xinjiang Science and Technology Committee. September 1969.

Yang Ronghuan: Preliminary analysis of the temperature characteristics of soil below snow slopes. Collected Papers on Research on the Snow Cover of Xinjiang. Published by the Xinjiang Science and Technology Committee. September 1964.

Ye Minquan: Analysis of the heat insulation and soil temperature increasing effect of the snow cover in the Urumqi region. Collected Papers on Research on the Snow Cover of Xinjiang. Published by the Xinjiang Science and Technology Committee, September 1964.

Hu Ruji and Li Jiangfeng: The snow cover in Xinjiang and its significance in agricultural production. Collected Papers of the Academic Conference on the Geography of Arid Regions. Kexue Chubanshe, 1966.

Cao Meisheng: The snow cover of Gansu Province and its differentiation. Collected Papers of the Academic Conference on the Geography of Arid Regions. Kexue Chubanshe, 1966.

Su Zhen: Drifted snow and its prevention. Zhongguo Jianshe (in English), No. 1, 1973.

Fei Jinshen: Snow. Shanghai Xinmin Wanbao, October 1963.

Fei Jinshen: Drifted snow. Dili Zhishi, January 1973.

Bai Zhongyuan: Preliminary research on occurrence of drifted snow and movement of snow in the western part of the Tian Shan. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee, December 1974.

Wang Zhonglong: Preliminary research on preventing damage to highways due to drifting snow in the western part of the Tian Shan. Research on Preventing Snow Damage to Highways in Mountainous Regions. Xinjiang Science and Technology Committee. December 1974.

Liu Guangyuan: Snowfall in high mountains and obstruction of traffic by drifting snow. Research on Preventing Snow Damage to Highways in Mountainous Regions. Xinjiang Science and Technology Committee, December 1974.

Wang Zhonglong and Pan Xiahua: Selection of highway lines and roadbed design in regions of drifting snow. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Chen Yuan: A discussion of factors affecting the breadth of downward windblows. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

Zhang Shunying: The principles of snow guiding with measuring plates and their application. Research on Preventing Snow Damage to Highways in Mountainous Regions. Xinjiang Science and Technology Committee, December 1974.

Pan Xiahua: Application of earthwork and stonework to prevent drifting snow. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee, December 1974.

Hu Ruji: Selection of highways in sections of the Tian Shan subject to snow damage. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

Blown Snow Group, Glaciology Department: Preliminary research on preventing damage to highways by windblown snow flows in the Tian Shan region. Bingchuan Dongtusuo Jikan, No. 1. Kexue Chubanshe, September 1976.

Wang Zhonglong, Pan Xiahua, Chen Yuan and Bai Zhongyuan: Windblown snow flows and methods for their prevention. Renmin Jiaotong Chubanshe, November 1978.

Fei Jinshen: Little snowflakes. Ertong Shidai, December 1978.

Hu Ruji: Distribution of snow cover in China. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Avalanches

Zhang Xiangsong and Hu Ruji: Seasonal avalanches in the avalanche zone of the Tian Shan. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee, December 1974.

Hu Ruji: Report on an investigation of a large avalanche in 1966 in the western part of the Tian Shan. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

Bai Zhongyuan and Li Wenzhong: An elementary discussion of the relationship between avalanches and climate. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

Wang Yanlong: Experimental research on mechanical properties of the snow cover in avalanche zones. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December, 1974.

Zhang Xiangsong and Ma Zhenghai: Preliminary research on some physical and mechanical properties of snow in avalanche zones. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

Xie Zichu and Ma Zhenghai: A report of surveys of the physical properties of snow in avalanche zones in 1972-1973. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

A preliminary analysis of the effect of an experimental project for controlling avalanches. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

Yuan Jianmo: Analyses of snow depth and precipitation intensity at avalanche stations having the greatest frequency of avalanches. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee, December 1974.

Zhang Peikun: A study of designing dynamic equations for avalanches. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

Su Zhen: Prevention of avalanches along mountainous highways in the western part of the Tian Shan. Research on Preventing Snow Damage to Highways in Mountainous Regions. Published by the Xinjiang Science and Technology Committee. December 1974.

Avalanche Group, Glaciology Department: Advances in research in preventing avalanches in the Tian Shan. Bingchuan Dongtusuo Jikan, No. 1, September 1976.

Zhang Zhizhong: Selection of road lines and roadbed design in avalanche regions. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wang Yanlong: Research on avalanche danger indicators in China. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Zheng Yangxin: Avalanches in the Guxiang region of Tibet. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Chou Jiaqi: Avalanches in the Nuanji mountain zone including the Tian Shan. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Zhang Zhizhong and Wang Yanlong: Avalanches in China. Dili Zhishi, No. 1, 1979.

River ice

Huang Maohuan: Some physical properties of the ice sheet in the upper reaches of the Yellow River. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Ma Shirong: Research on temperature conditions of the ice sheet in the upper reaches of the Yellow River. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Huang Maohuan and Liu Zongxiang: Experimental research on ice strength in the upper reaches of the Yellow River. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Northeastern College of Water Control, Prospecting and Design: A study of methods for measuring static pressure of ice sheets in reservoirs. Collected Papers of the Academic Conference on Glaciology and Cryopedology.

Fossil glaciers and periglacial areas

General topics

Ma Tingying: Causes of the changes in the climate of Asia in the most recent geological periods and of fluctuations in glaciers in the latter part of the Quaternary period and the problem of submarine relief. Dizhi Lunping, Vol. 3, No. 2, 1938.

Ma Tingying: The high rise of the Asian continent in the latter part of the Tertiary period (abstract). Dizhi Lunping, Vol. 6, Nos. 3-4, 1941.

Ma Tingying: The relationship between salt plain fossil plant groups and glaciers in Asia during the middle Pleistocene. Dizhi Lunping, Vol. 6, Nos. 3-4, 1941.

Changes in the climate of Asia and causes of glaciers in the latter Pliocene and the early Pleistocene (abstract). Dizhi Lunping, Vol. 6, Nos. 3-4, 1941.

Ma Tingying: Changes in the climate of Asia during the middle part of the Quaternary Period and causes of glaciers. Taiwansheng Haiyang Yanjiusuo Yanjiu Jikan, Vol. 3, Nos. 5-6, 1947.

Ma Tingying: The upward movement of the earth crust in eastern Asia in the latter part of the Tertiary period and its causes. Taiwansheng Haiyang Yanjiusuo Yanjiu Jikan, Vol. 3, Nos. 5-6, 1947.

Ma Tingying: The causes and process of glacier formation after the latter part of the Tertiary period. Dizhi Lunping, Vol. 13, Nos. 3-4, 1948.

Xiong Yi: An analysis and discussion of the climate of the Quaternary period on the basis of the colloid minerals of deposits of the Pleistocene series. Dizhi Xuebao, 1952.

G. Aimanfan*: Various changes in the earth during the ice age. Dili Yibao, April, 1956.

Yang Huairan: The ice age and climatic changes during the Quaternary period. Dili Zhishi, May 1956.

Preliminary research on the "ice-slipping effect" in the Huang Shan of Harbin in the vicinity of Zhalainguoer in Inner Mongolia. In press. Kexue Jilu, Vol. 1, No. 1, 1957.

Lebezhev*: The theory of heterochronic development of fossil ice sheets. Basic Theoretical Problems in Modern Geomorphology. Kexue Chubanshe, 1958.

Sinitun*: On Quaternary period glaciers of the Asian plateau. Dili Yibao, January 1958.

Yang Yichou: A report on developments at the Symposium on Research Work on Vestiges of Quaternary Period Glaciers. Dili Xuebao, Vol. 26, No. 3, 1960.

Nalifkin*: A glorious page in the history of geology in Asia. Kexue Tongbao, No. 4, 1961.

Sun Fangxi and Jie Yi: The effects of the ice age on rise and fall of the water level of the Mediterranean Sea. Shandong Shifan Xueyuan Xuebao (Ziran Kexue), 1962.

Huang Peihua: A preliminary consideration of climatic changes in China during the Quaternary period. Kexue Tongbao, No. 1, 1963.

Wu Xihao, et al.: A preliminary study of climatic changes in China during the Quaternary period. Kexue Tongbao, No. 6, 1963.

Cao [print poorly legible]: Concerning the problem of the glacial period and the interglacial period in China. Kexue Tongbao, March 1963.

[One or two entries missing because of defective reproduction.
--Translator.]

Geomorphology Teaching and Research Section, Geography Department, Nanjing University: The problem of glaciers in the Quaternary period and the glacial period. Kexue Chubanshe, 1974.

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

Li Siguang: Quaternary period glaciers in China. Address at the Symposium of the Liaison Group of the Center for Research on Vestiges of Quaternary Period Glaciers in China. Kexue Chubanshe, 1975.

Li Siguang: Quaternary period glaciers in China. Kexue Chubanshe, 1975.

Liu Dongsheng and Liang Xingguo: Climatic changes since the last interglacial period (abstract). Dili Kuaibao, December 1963.

E.R. Shantsair* and Liu Qingchun: The current state of the Quaternary period glacier theory. Dizhi Yicong, No. 1, 1964.

Wang Weili: A reply to E.B. Shantsair's* paper, "The current state of the Quaternary period glacier theory." Dizhi Yicong, No. 2, 1964.

Yan Qinshang and Xu Shiyuan: Utilization and transformation of glacier and periglacial regions. Wen Hui Bao, 23 February 1964.

[Not clear] Longrui: Some characteristics of the Quaternary system in China. Academic Conference on Quaternary Period Glaciers and Quaternary System Geology. August 1978.

Hu Haitao, Xu Guangsen and Wu Xihao: On the application of knowledge and views of geomechanics and the geology of Quaternary period glaciers in hydrogeological work. Shuiwen Dizhi Gongcheng Dizhi, No. 1, 1979. Dizhi Chubanshe.

Wu Xihao and Pu Qingyu: The geology of Quaternary period glaciers. Guangming Ribao, 8 June 1979.

Fei Shimeng: The phenomenon of Quaternary period glaciers in China (in English). Zhongguo Dizhixue Xuehuizhi, Vol. 17, No. 2, 1937.

Fu Simeng: Causes of loess formation and the glacial epoch in China. Dili Xuebao.

Li Siguang: A study of the glacial epoch in China. Xueshu Huikan. Vol. 1, No. 1, 1941.

Quaternary Period Glaciers in China. Kexue Chubanshe, 1975.

Ding Su: China's ice age. Dili, Vol. 1, No. 1, 1941.

Huang Jiqing: China's ice age. Wenshi Zazhi, Vol. 1, No. 8, 1941.

Ma Tingying: The problem of glacier stages and periods in the Pliocene period in China. Dili, Vol. 2, Nos. 1-2, 1942.

*Transliteration of foreign name from Chinese characters. --Translator.

Sun Dianqing: How to recognize glacier vestiges. Dizhi Zhishi, 1957.

Sun Dianqing: Summary of Quaternary period glacier vestiges in China. Kexue Chubanshe, 1957.

Ma Rongwen: Some opinions on the types of causative factors of the Quaternary strata and on the paleogeographic environment of the Quaternary period in China. Zhongguo Disiji Yanjiu, Vol. 1, No. 1, 1958.

Sun Dianqing: A brief discussion of Quaternary period glacier vestiges in China. Zhongguo Disiji Yanjiu, Vol. 1, No. 1, 1958.

Liu Zechun and Yu Mianbao: The problem of the Quaternary period ice age in China. Collected Papers on Geology of Nanjing University, 1959.

Sun Dianqing and Yang Huaiaren: Glacier vestiges in China during the great glacial period. Dizhi Xuebao, Vol. 41, Nos. 3-4, 1961.

Liu Dongsheng: Climatic signs and differentiation of Quaternary period strata in China. Zhongguo Dizhi, June 1962.

Li Honglian and Zheng Yangxin: Some characteristics of mud-rock flow accumulations and their differences from and similarities with moraines. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Ma Zhenghai: A preliminary analysis of the characteristics of Quaternary period sedimentary rock in eastern China. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wu Xihao, Pu Qingyu and Qian Fanq: A discussion of the relationship between Quaternary period periglacial regions and glaciers in eastern China. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Yang Huaiaren: Climatic changes during the Quaternary period. "Bingchuan Dongtu," No. 1, 1979.

Western alps and plateaus

Liu Zechun, Liu Zhenzhong and Wang Shibao: Comparison of development of Quaternary period glaciers in the vicinities of Mount Qomolangma, Mount Qiangeli and Mount Tuanjie in the Qilian Mountains. Dili Xuebao, Vol. 23, No. 1, 1962.

Cui Zhijiu: On the problem of the types of Quaternary period glacier covers in western China. Dizhi Xuebao, Vol. 44, No. 2, May 1964.

Li Chengsan and Zhou Tingru: Quaternary period glacier topography of the northwest. Dili, Vol. 2, Nos. 3-4, 1942.

Zhou Tingru: Demonstration of changes in climate in the northwest during historical times from natural geographic phenomena. Dili, Vol. 2, Nos. 3-4, 1942.

Xu Jinzhi: Natural Geographic Data for Qinghai and Tibet (Physical Geography Section). 6. Glaciers. Kexue Chubanshe, 1960.

Shi Zhiyuan: The snow mountains of the Qilian Mountains. Xibei Lunheng, Vol. 10, No. 3, 1942.

Weng Wenbo and Li Desheng: A preliminary study of Quaternary period glaciers of the Nan Shan. Zhongguo Dizhixuehui Zhi, Vol. 26, 1946.

Liu Zengkun: Glacier topography of the Nanludatong River basin in the Qilian Mountains. Dizhi Lunping, Vol. 11, Nos. 3-4, 1946.

Xia Kairu: Preliminary observations of fossil glaciation and periglacial geomorphology characteristics in the northern segment of the Qilian Mountains. Dili Xuebao, Vol. 26, No. 3, 1960.

Liu Zechun: A general survey of the Quaternary period glacial epoch and glacier development in the Qilian Mountains. Abstracts of the 1961 Academic Conference on Geomorphology. Kexue Chubanshe, 1962.

Li Jijun: A discussion of the age of the Qilian Mountains mountainous region and of the Quaternary period glacial epoch. Lanzhou Daxue, No. 1, 1963.

Liu Zechun: Quaternary period fossil glaciation in the Qilian Mountains. Nanjing Daxue Xuebao (Dilixue), No. 2, December 1963.

Zhang Xiangsong and Su Zhen: Historical development of glaciers on the north slope of Mount Lenglong since the height of the Würm-glaciation period. 1977 Conference on Geomorphology. November 1977.

Huang Jiqing: Quaternary period morainic and nonmorainic accumulations in the northern Takelake region of Akesu in Xinjiang. Zhongguo Dizhi Xuehui Zhi, Vol. 24, Nos. 3-4, 1944.

Zhou Tingru: New tectonic movement and topography in the Manasi region at the northern foot of the Tian Shan in Xinjiang. Beijing Shifan Daxue Xuebao, No. 2, 1957; Zhong Disiji Yanjiu, Vol. 1, No. 1, 1958.

Wang Yong[illegible]: Quaternary period deposits in the western part of northern Xinjiang. Zhongguo Disiji Yanjiu, Vol. 2, No. 2, 1959.

Xu Jinzhi: A major factor in the development of the topography of northern Xinjiang. Kexue Tongbao, No. 10, 1957.

Fobenlovich* and Yan Qinxiang: The problem of the frequency and characteristics of glacial epochs in the Tian Shan in western China. Zhongguo Disiji Yanjiu, Vol. 3, Nos. 1-2, 1960.

Hu Ruji, Xu Shiyuan and Li Shanzheng: Fossil glacier vestiges in the Hamimiaoer ravine. Xinjiang Kexue Qingbao, July 1962.

Yang Huairan and Qiu Shuzhang: Advances and retreats of glaciers in the eastern Tian Shan since the most recent glacial epoch and their significance in variations in climate. Abstracts of the 1961 Academic Conference on Geomorphology. Kexue Chubanshe, 1962.

Wang Shuji: A study of the problem of ancient glaciation in the Tian Shan of eastern China. Research on Snow Cover of the Tian Shan in Xinjiang (Collected Papers). Published by the Xinjiang Science and Technology Committee, September 1969.

Hu Ruji, Xu Shiyuan and Li Shanzheng: Preliminary observations on ancient glaciation in the Hamimiaoer ravine. Collected Papers on Glaciers and Snow Cover in Xinjiang. Published by the Xinjiang Science and Technology Committee, September 1964.

Jing Cairui, Liu Changmao, Luo Zhigang and Han Shutu: Quaternary period glaciers and glacial epochs on the north slope of the eastern segment of the Tian Shan. Academic Conference on Glaciology and Cryopedology. In press.

Zhu Juntao: Glacier phenomena in the Xiaotanggula Mountains. Dili Zhishi, No. 9, 1957.

Du Huanrong and Xie Zichu: Geomorphological characteristics of ice margins along the Qinghai-Tibet Highway. Studies of Permafrost Along the Qinghai-Tibet Highway. Kexue Chubanshe, 1965.

Zhao Xitao: The rise of the Himalayas and the natural environment. Kexue Shiyun, Nos. 11-12, 1973.

Yu Yu: Changes in climate in the Tarim Basin in the Quaternary period. Qinghua Zhouban, Vol. 14, Nos. 7-8, 1933.

Song Shuhe and Guan Shicong: Glacial vestiges in the Ili Yanki region. Xinjiang Dizhi Diaocha Suo Dizhi Kuangchan Jianbao, No. 1, 1944.

Tang Lingyu and Wang Rui: Quaternary period lacustrine facies pollen and spore associations of the Kunlun Mountain [illegible] basin in Qinghai and their significance. Bingchuan Dongtu Shamo Suo Jikan, No. 1. Kexue Chubanshe, September 1976.

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

Guo Xudong: The Quaternary period interglacial period and ancient climate in the Mount Qomolongma region. Report of Scientific Studies of the Mount Qomolongma Region (Quaternary Period Geology). Kexue Chubanshe, 1976.

Zheng Benxing, et al.: The problem of glacier development and plateau elevation in the Quaternary period in the Qinghai-Tibet plateau. 1977 National Conference on Geomorphology.

Zheng Benxing, Mou Yunzhi and Li Jijun: The problem of differentiating and contrasting Quaternary period glacial epochs in the Qinghai-Tibet plateau. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wang Rui and Kong Zhaochen: A preliminary study of the development of plant groups since the Pliocene epoch in the Ali region of Tibet and of climatic changes in the Qinghai-Tibet plateau heave. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Southwest (Yunnan, Guizhou and Sichuan)

Guo Wenkui, et al.: A brief description of Quaternary period glacier phenomena in the northeastern part of Yunnan. Zhongguo Dizhi Xuehui Zhi, Vol. 24, Nos. 3 and 4, 1944.

Qian Fang, Pu Qingyu, Yuan Zhenxin and Zhang Xingyong: Differentiation of Quaternary period glacial epochs and strata in the Yuanmou Basin of Yunnan. Collected Papers on the Geology of Quaternary Period Glaciers in China. Dizhi Chubanshe, February 1977.

Guizhou 108th Geology Team: Preliminary research on the geology of Quaternary period glaciers in eastern Yunnan and western Guizhou. Collected Papers on the Geology of Quaternary Period Glaciers of China. Dizhi Chubanshe, February 1977.

Zhang [character missing]you: Quaternary period glacier phenomena in the vicinity of Duyun in Guizhou. Dizhi Lunping, Vol. 10, Nos. 3-4, 1945.

Li Siguang: Traces of Guizhou plateau glaciers. The Quaternary Period Glaciers of China. Kexue Chubanshe, 1975.

Li Chengsan and Guo Lingzhi: Glacier topography at Kangding-bianfu. Dizhi Lunping, Vol. 4, No. 1, 1939.

Li Chengsan and Gao Yongyuan: Glacier topography in the Daba Shan at Guangyuan. Dili, Vol. 2, Nos. 1-2, 1942.

Guo Lingzhi: Quaternary period glacier topography in the eastern segment of the Daba Shan. Dili, Vol. 3, Nos. 3-4, 1943.

Wu Yansheng: A brief description of Quaternary period glacier phenomena in the Nandan mountainous region of Hechi. *Minzhong yu Kexue*, Vol. 1, No. 1, 1945.

Wang Jiayin: Glacier vestiges at Emei in Sichuan. *Zhongguo Kexue*, Vol. 2, No. 1, 1951.

Ren Meie, et al.: Preliminary research on the geomorphology of the Lijiang and Yulong mountainous regions. *Yunnan Daxue Xuebao*, No. 4, 1957.

Luo Laixing and Yang Yichou: A study of the formation of the geomorphology of western Sichuan and northern Yunnan. *Dili Jikan*, No. 5 (Vestiges of Fossil Glaciation), 1963.

Xiong Yungxian: Vestiges of the Cishanlu glacier at Mount Songfan. *Dili Lunping*, Vol. 10, No. 34, 1945.

Quaternary Period Glacier Study Team: Preliminary research on the southeastern Xigeda group. Collected Papers on the Geology of the Quaternary Period Glaciers of China. *Dizhi Chubanshe*, December 1977.

Liu Tinglian: The spore and pollen associations in the lower part of the Xigeda group and their significance in relation to paleoclimatic changes in the early Quaternary period. *Zhongguo Disiji Bingchuan Dizhi Wenjishi*, February 1977.

Duan Fangge, Zhou Mulin and Jing Cairui: The geology of Quaternary period glaciers in the Luobiao mountainous region at Xichang in Sichuan. Collected Papers on the Geology of the Quaternary Period Glaciers of China. *Dizhi Chubanshe*, February 1977.

Quaternary Period Glacier Study Team: On the gravel beds at Xichang. Collected Papers on the Quaternary Period Glaciers of China. *Dizhi Chubanshe*, February 1977.

Quaternary Period Glacier Study Team: An analysis of the gravel formations of the Quaternary period gravel beds in the Luobiao mountainous region at Xichang in Sichuan. Collected Papers on the Geology of the Quaternary Period Glaciers in China. *Dizhi Chubanshe*, February 1977.

Quaternary Period Glacier Study Team: A preliminary study of the Quaternary period Jinsha glacial epoch in the Dukou region of Sichuan. Collected Papers on the Geology of the Quaternary Period Glaciers of China. *Dizhi Chubanshe*, February 1977.

Northeast and north China

Yan Qinxiang: Glacier topography and other phenomena in the vicinity of the Daxingan range. Turang Zhuanbao, 1951.

Yan Qinxiang: Glacier topography in the vicinity of the Daxingan range. Dizhi Xuebao, Vol. 32, Nos. 1-2, 1952; Kexue Tongbao, Vol. 1, No. 7, 1950.

Yang Huai ren: Glacier topography in the Nuomin River basin. Nanjing Daxue Xuebao, No. 1, 1955.

Qiu Shanwen: A preliminary study of glacier topography in the Tangchang mountainous region of the Liaodong Peninsula. Dili Zhishi, December 1959.

Li Hongye: Settling of the Liao River plain and various types of vertical tectonic motion in the Anshan region. Dizhi Xuebao, Vol. 29, No. 1, 1959.

Xiao Rong[print poorly legible]: Geomorphological associations in the periglacial environment of the Changbai Mountains. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wang Bailun and Jia Lanban: Observations of Quaternary period glacier phenomena at Zhoukoudian. Dizhi Xuebao, Vol. 32, Nos. 1-2, 1952.

Wang Nailiang and Fan Deyang: The characteristics of the geomorphology and of the Quaternary period deposits of the frontal plain of the Nankou Mountains and their reflection in new tectonic motion and climatic changes. Beijing Daxue Xuebao (Ziran Kexue), No. 3, 1966.

Ma Xinghuan, Jiang Yinchang and Zhou Darong: Preliminary observations of the geomorphology, Quaternary period deposits and new tectonic motion in the Wutai Mountains region. Zhongguo Disiji Yanjiu, Vol. 1, No. 1, 1958.

Guo Lingzhi and Xue Yuqun: A discussion of the relationship of the Fen River and the [illegible] River in Shanxi to geomorphological changes from the standpoint of Quaternary period deposits. Zhongguo Disiji Yanjiu, Vol. 1, No. 1, 1958.

Zhang Baosheng: Glacier topography in the Taibai Mountains. Zhongguo Disiji Yanjiu, Vol. 1, No. 2, 1958.

Tian Zesheng: Quaternary period glacier vestiges in the Taibai Mountains. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Shu Le and Chang Ziwen: Glacier phenomena in the middle part of Taishan Mountain. Dizhi Kexue, No. 3, 1959.

Li Siguang: The problem of glacial epochs and interglacial epochs in the north China region. Zhongguo Dizhi, No. 4, 1963.

Li Siguang: Quaternary period glacier vestiges in the Xishan district of Beijing and the problem of glaciers in China. Quaternary Period Glaciers of China. Kexue Chubanshe, 1975.

Li Siguang: Moraines and fluvioglacial deposits in the northwestern border region of the north China plain. Quaternary Period Glaciers of China. Kexue Chubanshe, 1975.

Quaternary glacial epoch terrestrial hydrology in the Zhangkusi region of Xishan at Beijing. Collected Papers on the Geology of the Quaternary Period Glaciers of China. Dizhi Chubanshe, February 1977.

Zhou Mulin: Quaternary period glacier vestiges between the Sha River and the Luo River at the eastern base of the Taixing Mountains (Abstract). Collected Papers on the Geology of the Quaternary Period Glaciers of China. Dizhi Chubanshe, February 1977.

Liu Qingxin, Zhou Guoqi and Deng Ersen: Quaternary period glacier vestiges in the Luowen Babai Mountains region in the western segment of the Xuefeng Mountains. Collected Papers on the Geology of the Quaternary Period Glaciers of China. Dizhi Chubanshe, February 1977.

Qiu Shanwen and Li Fenghua: An inquiry into the late Pleistocene glacial epoch and the paleo climate of northeast China. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Central China and eastern China

Quaternary period glacier vestiges and reflections of new tectonic motion in geomorphology at Jigong Mountain. Huazhong Shiyuan Xuebao.

Li Siguang, Central Research Institute: Lushan Mountain of the glacial epoch. Disiji Dizhi Yanjiusuo Jikan, Vol. 2, No. 2; Quaternary Period Glaciers of China, 1975.

Sun Dianqing: An abstract of "Lushan Mountain of the glacial epoch" by Li Siguang. Kexue, Vol. 32, No. 6.

Ren Meie: Preliminary research on the topography of Lushan Mountain. Dili Xuebao, Vol. 19, No. 1, 1953.

Jing Cairui: A discussion of the topography of ice erosion of Lushan Mountain. Dizhi Lunping, Vol. 18, No. 3, 1958.

Cao Zhaotan, Wu Xihao and Pu Qingyu: Lushan Mountain and glacier vestiges on its northeastern slope. Kexue Tongbao, No. 1, 1964.

Cao Zhaotan: The glacial landforms of Lushan Mountain. Kexue Tongbao, No. 1, 1964.

Li Siguang: Data on problems of studying glaciers in the lower reaches of the Yangtze River. Zhongguo Dizhi Xuehui Zhi, Vol. 13, 1934; Quaternary Period Glaciers of China. Kexue Chubanshe, 1975.

Li Siguang: Quaternary period glacial epochs in the Yangzi River basin. Zhongguo Dizhi Xuehui Zhi, Vol. 13, 1934; Quaternary Period Glaciers of China. In press, 1975.

Yang Huairan and Yang Senyuan: The discovery of and research on Quaternary period periglacial deposits in the lower reaches of the Yangtze River. Kexue Tongbao, No. 8, 1957.

Yang Huairan and Yang Senyuan: Quaternary period periglacial phenomena in the lower reaches of the Yangtze River. Zhongguo Disiji Yanjiu, Vol. 1, No. 2, 1958.

Huang Peihua: On the problem of glacier vestiges in regions to the south of the Yangtze River. Kexue Tongbao, No. 10, 1963.

Huang Difan and Yan Shizhuo: New records relating to glacier vestiges in the middle and lower reaches of the Yangtze River. Kexue Huabao, June issue, June 1964.

Sun Dianqing and Chen Qingyi: Traces of Quaternary period glaciers along the coast of eastern Zhejiang. Dizhi Lunping, Vol. 15, Nos. 1-3, 1950.

Zhang Renjun: Quaternary period glacier phenomena at Fanshan in Zhejiang (abstract). Dizhi Lunping, Vol. 16, No. 1, 1951.

Gu Siliang: Traces of Quaternary period glaciation at Bingwu in the Fanshan of Zhejiang. Hangzhou Daxue Xuebao (Ziran Kexue), No. 1, December 1962.

Zhejiang Province Regional Geological Surveying Brigade: On the problem of Quaternary period glacier vestiges at Fanshan. Zhejiang Quce, Nos. 1 and 2, 1975.

Jing Cairui: Preliminary research on Quaternary period glacier vestiges at Tianmu Mountain. Dizhi Lunping, Vol. 19, No. 6, 1959.

Jing Cunyi: Vestiges of Quaternary period fossil glaciers in the Tianmu Mountain region. 1977 National Academic Conference on Geomorphology.

Gu Siliang: The problem of Quaternary period glacier varves at Tianmu Mountain in Zhejiang. 1977 National Academic Conference on Geomorphology.

Li Jie and Wu Yansheng: Quaternary period glacier phenomena in western Hubei. Zhongyang Yanjiuyuan Dizhi Yanjiusuo Jianbao, 1939.

Li Siguang: Quaternary period glacier phenomena in western Hubei, eastern Sichuan, western Hunan and northern Guangxi. Dizhi Lunping, Vol. 5, Nos. 2 and 3, 1940; Quaternary Period Glaciers of China, Kexue Chubanshe, 1975.

Ma Zhentu: Glacier phenomena seen in Yichang and Yidu counties at Mount Wu and Mount He in Hubei. Dizhi Lunping, Vol. 5, No. 5, 1940.

Li Jie and Wu Yansheng: A brief report on Quaternary period glaciers in western Hubei. Zhongguo Dizhi Xuehui Zhi, Vol. 20, No. 1.

Jing Cairui: Quaternary period glacier vestiges and differentiation of glacial epochs in western Hubei. Dizhi Xuebao, Vol. 45, No. 2, 1964.

Southern China

Sun Dianqing and Xu Yujian: Preliminary observations of Quaternary period glacier vestiges in Guangxi. Dizhi Lunping, Vol. 9, Nos 3 and 4, 1944.

Sun Dianqing: Glacier phenomena in the northwestern part of Guangxi (in English). Zhongguo Dizhi Xuehui Zhi, Vol. 24, Nos 3 and 4, 1944.

Ding Su: A discussion of Quaternary period glacier vestiges in Guangxi. Dizhi Lunping, Vol. 10, Nos. 1 and 2, 1945.

Sun Dianqing and Xu Yujian: A reply to "A discussion of Quaternary period glacier vestiges in Guangxi." Dizhi Lunping, Vol. 10, Nos. 3 and 4, 1945.

Ding Su: A further discussion of Quaternary period glacier vestiges in Guangxi. Dizhi Lunping, Vol. 10, Nos. 5 and 6, 1945.

Sun Dianqing and Xu Yujian: A further reply to Mr. Ding Su in regard to his discussion of Quaternary period glacier vestiges in Guangxi. Dizhi Lunping, Vol. 11, Nos. 1 and 2, 1946.

Wu Yansheng: Quaternary period glacier phenomena in Guangxi and their relationship to alluvial gold (abstract). Dizhi Lunping, Vol. 10, Nos. 3 and 4, 1945.

Yang Chaoqun and Pei Taichang: Discovery of Quaternary period glacier vestiges in the Huaiji-Fengkao zone of northwestern Guangdong. Dizhi Lunping, Vol. 21, No. 2, September 1963.

Sun Dianqing and Xu Yujian: The distribution of Quaternary period glaciers and the classification of morainic debris in southern China. Dizhi Lunping, Vol. 15, Nos. 1-3, 1950.

Ma Tingying: The relationship between changes in the coastline of southern Fujian and Quaternary period glaciers of Asia. Haiyang Jikan, 1942.

Zhao Zhaobing: Ice margin deposits at Yong'an in Fujian. Kexue Tongbao, Vol. 18, 1958.

Part Two -- Cryopedology

Ordinary permafrost:

Tong Kuide and Ren Qijia: Distribution of permafrost in the northeastern region of China. Dizhi Zhishi, October 1956.

Ren Qijia: Some new data on permafrost in the northeastern region. Shuiwen Dizhi Gongcheng Dizhi, No. 5, 1957.

Zhou Youwu and Du Ronghuan: A preliminary study of permafrost in the Qinghai-Tibetan plateau. Kexue Tongbao, February 1963.

Fan Ximing: Permafrost in the eastern part of the Qinghai-Tibetan plateau. Dili, No. 4, 1963.

Zhou Youwu: Permafrost along the Qinghai-Tibet Highway. Studies of Permafrost Along the Qinghai-Tibet Highway. Kexue Chubanshe, 1965.

Zhou Youwu: Permafrost conditions in the Fenghuo Mountain region. Studies of Permafrost Along the Qinghai-Tibet Highway. Kexue Chubanshe, 1965.

Zhou Youwu and Wu Chaiwang: Permafrost in the northern part of the Daxingan range. Studies of Permafrost Along the Qinghai-Tibet Highway. Kexue Chubanshe, 1965.

Tong Boliang: The distribution and characteristics of permafrost in the Yakou-Xidatan segment of the Kunlun Mountains. Studies of Permafrost Along the Qinghai-Tibet Highway. Kexue Chubanshe, 1965.

Sun Xingbo: The vegetation along the Qinghai-Tibet Highway. Studies of Permafrost Along the Qinghai-Tibet Highway. Kexue Chubanshe, 1965.

First Railroad Design College, Northwest Research Institute and Glacier and Permafrost Institute: Research on Railroad Construction in Permafrost Regions of the Qinghai-Tibetan Plateau (Detailed Rules and Regulations Appended); Thermal Physical Experiments and Observations of Ground Temperatures in the Sixth Quadrant. September 1972.

Gansu Province Meteorology Bureau: Data on ground temperatures and permafrost in Gansu. February 1975.

Reshui Permafrost Group: Characteristics of the permafrost in the Reshui-Chaidaer region of Qinghai. Bingchuan Dongtu Shamo Jikan, No. 1. Kexue Chubanshe, 1976.

Central Meteorological Bureau Research Institute: Hundred year temperatures in the permafrost region of the Qinghai-Tibet railroad (1977-2076). April 1977.

Ding Dewen: Cryopedology research must contribute its force to bringing about the modernization of agriculture. Turang, June 1978.

Chen Xiaobo: Permafrost and establishment of production. "Bingchuan Dongtu," 1978 trial edition, November 1978.

Ding Wende: A brief analysis of the principal causes of the rise of cryopedology in recent times. "Bingchuan Dongtu," 1978 trial edition, November 1978.

Qiu Guoqing and Zhang Changqing: Characteristics of the permafrost distribution in the vicinity of the Kuida slope in the Tian Shan. Bingchuan Dongtusuo Jikan, No. 1. Kexue Chubanshe, 1979.

Wang Jiacheng, Wang Zhaoling and Qiu Guoqing: Permafrost along the Qinghai-Tibet Highway. Dizhi Xuebao, No. 1, 1979.

Tong Boliang: Accomplishments and trends in cryopedology as seen from the Third International Cryopedology Conference. "Bingchuan Dongtu," No. 1, 1979.

Cheng Guodong: Lithic heaving hills. "Bingchuan Dongtu," No. 1, 1979.

Guo Dongxin: Sand wedges in the Qinghai-Tibetan plateau. "Bingchuan Dongtu," No. 1, 1979.

Shi Qinsheng: Permafrost. Gansu Ribao, 22 May 1979.

Qinghai First Hydrogeology and Engineering Geology Group: Characteristics of the Development of Permafrost Along the Qinghai-Tibet Highway. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Shan Baoxi: Interpretations of aerial photographs of permafrost along the Qinghai-Tibet Railroad. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Xie Yingqin: Temperature conditions for development of permafrost in the Qinghai-Tibetan plateau. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wang Jiacheng and Wang Zhaoling: Distribution and characteristics of permafrost in the southern segment of the Qinghai-Tibet Highway. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Ding Wende and Xu Xuezu: An exploratory discussion of indicators for differentiating types of plane distribution of permafrost in China (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Ding Dwen, Qiu Guoqing, Guo Dongxin and Xu Xuezu: A preliminary inquiry into the developmental history of permafrost in the Qinghai-Tibetan plateau (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Guo Dongxin: Conditions of formation of thick layers of ground ice in the Fenghuo Mountain region along the Qinghai-Tibet line. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Pu Qingyu, Wu Xihao and Qian Fang: Historical development of permafrost along the Qinghai-Tibet Highway. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Zhang Weixin, Li Shude and Li Lie: Causes and history of development of permafrost in the Fenghuo Mountain region. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Li Shude: The temperature and thickness of the permafrost along the Qinghai-Tibet Highway ([illegible]). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Northwestern Railroad Institute: A preliminary inquiry into methods for determining the upper limit depth of permafrost (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Han Xuchang: Glacier and permafrost phenomena and hydrogeological characteristics in the Wuerqihan region. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Lin Fengtong: Analysis and application of permafrost of the Da- and Xiao- Xingan ranges. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wang Chunhe: The natural permafrost table and ground ice in the northern part of the Daxingan range. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wu Ziwang: Characteristics of ground water in the permafrost region along the Qinghai-Tibet Highway. Studies of Permafrost Along the Qinghai-Tibet Highway. Kexue Chubanshe, 1965.

An Zhongyuan: Hydrogeological characteristics of the plateau permafrost region along the Qinghai-Tibet Highway. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Tsitsihar Railroad and Science and Technology Institute: Research on melting ice by tunnel ventilation in regions of severe cold. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Qiu Guoqing: Characteristics of distribution and conditions of formation of permafrost in the melt region of the Tuotuo River basin. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Guo Dongxin, Xu [illegible]ying, Huang Yizhi and Zhang Linyuan: Preliminary research on the melt region of the Budong River valley on the north slope of the Tanggula Mountains. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Engineering permafrost

First Railroad Design Institute, Northwestern Railroad Institute and Glacier and Permafrost Institute: Research on Railroad Construction in Permafrost Regions of the Qinghai-Tibetan Plateau (Detailed Rules and Regulations Appended). Part Three: Bridge and Culvert Engineering. September 1972.

First Railroad Design Institute, Northwestern Railroad Institute and Glacier and Permafrost Institute: Research on Railroad Construction in Permafrost Regions of the Qinghai-Tibetan Plateau (Detailed Rules and Regulations Appended). Part Four: Tunnel Engineering. September 1972.

First Railroad Design Institute, Northwestern Railroad Institute and Glacier and Permafrost Institute: Research on Railroad Construction in Permafrost Regions of the Qinghai-Tibetan Plateau (Detailed Rules and Regulations Appended). Part Five: House Construction. September, 1972.

Pan Junmu and Xia Tiefen: Problems of engineering geology in permanently frozen regions. Zhongguo Disiji Yanjiu, 1958.

Third Design Institute, Ministry of Railways: Knowledge About Engineering Geology of permafrost and railroad construction. Renmin Tiedao Chubanshe, 1958.

Zhang Jinkui and Peng Yanling: Hydrogeological conditions and work methods in the Sanyi permafrost region (Abstract). Shuiwen Dizhi Gongcheng Dizhi, No. 7, 1959.

Zheng Junpu: Some knowledge gained from hydrogeological survey work in permanently frozen regions. Shuiwen Dizhi Gongcheng Dizhi, No. 11, 1959.

Cheng Guodong, Tong Bailiang and Luo Xuebo: Experiments on embankments in thick layer ground ice segments at the lower boundary of alpine permafrost. Collected Papers of the Third International Conference on Permafrost, Volume 2, 1979.

Northwestern Research Institute, Railroad Science Academy: Experimental engineering of roadbeds in the thick layer ground ice segment of the permafrost region of the Qinghai-Tibetan plateau (in English). Collected Papers of the Third International Conference on Permafrost, Vol. 3, 1979.

Chen Zhuohuai: Experimental research on pile beds in permafrost. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Shu Daode: Roadbed engineering in permafrost. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Qinghai Mines Institute: A preliminary summary concerning construction design in the Reshui permafrost region (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

First Railroad Design Institute, Northwestern Railroad Institute and Glacier and Permafrost Institute: Research on Railroad Construction in Permafrost Regions of the Qinghai-Tibetan Plateau (Detailed Rules and Regulations Appended). Part One: Engineering Geology Surveys. September 1972.

First Railroad Design Institute, Northwestern Railroad Institute and Glacier and Permafrost Institute (Zhang Changqing): Detailed Rules of Surveying and Designing Railroads in the Permafrost Regions of the Qinghai-Tibetan Plateau. September, 1972.

First Railroad Design Institute, Northwestern Railroad Institute and Glacier and Permafrost Institute: Research on Railroad Construction in Permafrost Regions of the Qinghai-Tibetan Plateau (Detailed Rules and Regulation Appended). Part Two: Roadbed Engineering. September 1972.

First Railroad Design Institute, Zhang Changqing and Qiu Guoqing: Problems of engineering and permafrost in the Yueling segment of the Tian Shan. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Chen Xiaobo: Submerged rock on railroads in permafrost regions. Kexue Dazhong, March 1966.

Li Tuliang, Zhao Xisheng, Wang Huaqing and Chen Zhuohuai: Experimental research on pile beds in permafrost regions of the Qinghai-Tibetan plateau. Collected Papers of the Third International Conference on Permafrost, Vol. 2.

Chen Xiaobo, Yu Chongyun, Wang Yaqing and Zhang Xuezhen: A discussion of using gravel packing to prevent frost heaving (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Tsitsihar Railroad Bureau: Research report on repairing roadbed sinking in the permafrost region along 323 kilometers of the Yalin line (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Heilongjiang Province Low-Temperature Construction Institute: Application of shallow beds with seasonal frozen ground. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Li Shuren (Shenyang Prospecting Company, Ministry of Metallurgy): Preliminary information on water supply prospecting in permafrost regions. Kance Jishu, No. 3, 1979. Prospecting Technology Institute, Construction Sciences Institute, National Construction Committee.

Permafrost mechanics

Zhang Changqing: Preliminary research on some mechanical properties of permafrost along the Qinghai-Tibet Highway. Bingchuan Dongtu Shamo Jikan, No. 1. Kexue Chubanshe, 1976.

Chen Xiaobo and Wu Ziwang: A summary of experimental research on the basic mechanical properties of permafrost in China. Collected Papers of the Third International Conference on Permafrost, Vol. 2, 1979.

Zhang Jinsheng: An opinion on experimental research on the mechanics of permafrost. "Bingchuan Dongtu," 1978 trial edition.

Zhu Yuanlin and Zhang Jiayi: The melt-subsidence properties of frozen earth and the compressibility of melted earth. "Bingchuan Dongtu," 1978 trial edition.

Wu Ziwang, Shen Zhongyan, Zhang Jiayi and Wang Yaqing: Experimental research on frost heaving characteristics of earth. Bingchuan Dongtusuo Jikan, No. 1, 1979.

First Railroad Design Institute, Northwestern Railroad Institute and Glacier and Permafrost Institute (Zhang Changqing): Research on Railroad Construction in Permafrost Regions of the Qinghai-Tibetan Plateau (Detailed Rules and Regulations Appended). Part Seven: Permafrost Mechanics. September 1979.

Chen Xiaobo: Frost heaving characteristics of the seasonally active layers in the Muli region of the Qilian Mountains. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Chen Xiaobo: Observations and research on the thermodynamic states of underground foundation earth and on the mechanical stability of foundations of heated building in the Muli region of the Qilian Mountains -- Research on the physical and mechanical properties and processes of earth. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Wu Ziwang, Shen Zhongyan, Wang Yaqing and Zhang Jiayi: Experimental research on freezing strength between foundations and frozen earth. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Wu Ziwang, Zhang Jiayi, Shen Zhongyan and Wang Yaqing: Preliminary research on subsidence due to melting of frozen earth. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Wu Ziwang, Shen Zhongyan, Zhang Jiayi and Wang Yaqing: Experimental research on tangential frost heaving forces on foundations at the time of earth freezing. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Chen Xiaobo: Subsidence due to melting and compressibility of clayey soils in the Muli region of the Qilian Mountains. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Zhang Jinsheng, et al.: Freezing strength of foundations and clayey soils. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Wu Ziwang, et al.: Research on the rheological characteristics of frozen earth. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Heilongjiang Water CONservancy Surveying and Design Institute: A discussion of normal frost heaving forces on plate-shaped foundations in hydraulic structures. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Tong Changjiang: Frost heaving strength of foundations. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Heilongjiang Low-Temperature Construction Institute: Experimental research on frost heaving forces in viscous frozen earth. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Zhu Yuanlin and Zhang Jiayi: Melting compressibility of frozen earth. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Northwestern Railroad Institute: Physicochemical methods of decreasing tangential frost heaving force (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Xu Yuanlin: Experiments on creep strain in underground ice sites (Abstract). Collected Papers on the Academic Conference on Glaciology and Cryopedology.

Wu Ziwang, Liu Yongzhi and Xie Xiande: Equations for determining the bearing capacity of frozen earth on site (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Ma Shimin: Experimental research on the compressive strength of frozen earth (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Tong Changjiang: Frost heaving of earth (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Third Design Institute, Ministry of Railways: Empirical formulas for the coefficients of melting and compression of frozen sandy loam in the Daxingan range (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology.

Chen Xiaobo, Wang Yaqing, Yu Chongyun and Liu Jingshou: Preliminary experiments on the effects of load strength on the amount of frost heaving. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Guo Huagai: A direct method for finding foundation bearing capacity and amounts of subsidence. Kancha Jishu, No. 3, 1979, Zhongguo Jianzhu Gongye Chubanshe.

Permafrost physics

Xu Xuezu, Tao Zhaoxiang and Fu Sulan: Heat properties of typical melted frozen earth. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Wu Ziwang: General characteristics of the structure and chemical constituents of ice along the Qinghai-Tibet Highway. Studies of Permafrost Along the Qinghai-Tibet Highway. Kexue Chubanshe, 1965.

Xing Zemin: A rational sampling method for experiments on ice structure and the microstructure of underground ice at Fenghuo Mountain (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Kou Youguan, Zeng Qunzhu, Li Weixin, Li Jianren and Sun Qide: Observations and research on the coefficient of heat release of frozen earth (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Tsitsihar Bureau of the Third Design Institute, Ministry of Railways: Investigation and Research on melting at heated buildings in the permafrost region of the Daxingan range. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Li Shuxun, Wang Qingyi and Gao Xingwang: An exploratory discussion of methods for a numerical solution for the Wei temperature field -- a permafrost region. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Ding Dewen, Ma Xiaowu and Luo Xuebo: A method of calculating the thickness of the thermal insulating layer of roadbeds as determined from experiments on a model of the An-Wei roadbed. Bingchuan Dongtusuo, No. 1, 1979.

Luo Xuebo and Ding Dewen: Calculations of melting areas around the foundations of heated structures in permafrost regions. Lanzhou Daxue Xuebao, February 1978.

Xu Xuezu, Fu Liandi and Zhu Linnan: An empirical formula for determining the natural upper permafrost table on the basis of numerical values for height above sea level and latitude. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Ding Dewen: Calculation of the maximum melt depths and stable periods of melt areas at the foundations of heated structures. Kexue Tongbao, No. 11, 1978.

Cheng Guodong: A method of calculating seasonal melting depth in the vicinity of the south boundary (lower boundary) of permafrost. Bingchuan Dongtusuo Jikan, No. 1, 1976.

Gu Zhongwei: Experimental research on the electric conductivity of permafrost. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Yao Baoxing and He Yixian: Summary of the experimental stage of emanation surveying in 1975 (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Part Three -- Mud-Rock Flows

General Engineering Bureau, Ministry of Railways: Preliminary information about and suggestions for controlling landslide mud flows along the Baotian line. Tielu Shigong Jingyan, No. 1, 1953.

General Engineering Bureau. Ministry of Railways: Control of flowing mud and flowing rock. Tielu Shigong Jingyan, No. 1, 1953.

Bai Chaoran and Liang Lianqing: Preliminary information about flowing rock and flowing mud along the Baotian line. Zhongguo Disiji Yanjiu, Vol. 1, No. 1, 1958.

Shi Yafeng, Yang Zonghui, Xie Zichu and Du Ronghuan: Glacier mud-rock flows in the Guxiang region of Tibet. Kexue Tongbao, June 1964.

Li Honglian: Geological and geomorphological effects of glacier mud-rock flows in the southeastern mountainous region of Tibet. Collected Papers of the 1965 Academic Conference on Geomorphology. Kexue Chubanshe, 1965.

Deng Yangxin: A preliminary study of the geological and geomorphological effects of mud-rock flows. Collected Papers of the 1977 National Academic Conference on Geomorphology.

Ma Lianqing: Mud-rock flows of the Daqiao River. "Bingchuan Dongtu," 1978 trial edition.

Li Honglian and Qi Long: The Gaorong mud-rock flow in the Tianshui region of Gansu. "Bingchuan Dongtu," 1978 trial edition.

Cai Xiangxing, Li Jian and Li Nianjie: Mud-rock flows on the left bank of the Hongzha River. Studies and Research on the Batuola Glacier in the Karakorum Mountains (Monograph). Kexue Chubanshe, 1979.

Part Four -- Survey Techniques

Wang Wenying, Chen Jianming and Wang Mingyuan: The basis and application of surface three-dimensional photographic surveying. Kexue Chubanshe, April 1979.

Cao Meisheng: The application of satellite remote sensing techniques in research on snow cover. "Bingchuan Dongtu," 1978 trial edition.

Gu Zhongwei and Zeng Zhonggong: A survey of domestic and foreign research on the depth of permafrost. "Bingchuan Dongtu," No. 1, 1979.

Huang Yizhi, Gu Zhongwei, Zeng Zhonggong and Wang Shujuan: The application of the direct current electrical depth determination method in studies of permafrost. Bingchuan Dongtusuo Jikan, No. 1, 1979.

Zeng Zhonggong: Seismic prospecting experiments in studies of permafrost (Abstract). Collected Papers of the Academic Conference on Glaciology and Cryobiology. In press.

He Yixian: A report on electronic surveying in research on underground ice in the Fenghuo Mountain region of the Qinghai-Tibetan plateau. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Su Zhen and Gu Zhongwei: Some problems in measuring the thickness of glaciers by the gravimetric method. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Xing Zeming: A rational sampling method for field experiments on ice structure. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Han Mukang: Precise indication of the time of recent period paleogeographic events with C^{14} . Dili, No. 4, 1962, July 1962.

Wu [two characters illegible]: Stable isotope glaciology. "Bingchuan Dongtu," 1978 trial edition.

Wang [two characters obliterated]: The application of the neutron sounding technique in scientific research on permafrost. "Bingchuan Dongtu," 1978 trial edition.

Wang Liangwei: A simple discussion of temperature measuring crystals. "Bingchuan Dongtu," 1978 trial edition.

Zhu Guocai and Wang Liangwei: A quartz crystal digital thermometer. "Bingchuan Dongtu," 1978 trial edition.

Zhang Jinhua and Qian Songlin: Design and processing of a steam station and experimental results. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

Xie Yingqin and Chi Jianmei: A preliminary study of solar penetration radiometers. Collected Papers of the Academic Conference on Glaciology and Cryopedology. In press.

END

FILMED

1-83

DTIC