

# **Finding Aid - Kenneth Hewitt fonds (S579)**

---

Generated by Access to Memory (AtoM) 2.3.0 Printed: December 05, 2017

Language of description: English

# Kenneth Hewitt fonds

## Table of contents

Summary information .....	4
Administrative history / Biographical sketch .....	4
Scope and content .....	5
Notes .....	5
Access points .....	6
Series descriptions .....	6
1, Personal, .....	6
2, Publications, .....	6
2.1, Books .....	6
2.2, Articles .....	7
2.3, Chapters in books .....	11
2.4, Conferences and seminars .....	14
2.5, Reports .....	15
2.6, Compiled books, etc. ....	17
2.7, Meetings .....	17
2.8, Critiques of Hewitt publications .....	17
2.9, Notebooks .....	17
3, Risk, hazards and disasters, .....	17
3.1, General theoretical, technical and practical aspects: sources and contributions 1967 to present .....	18
3.2, Natural hazards .....	19
3.3, Risks and disaster ideas .....	31
3.4, Risks and disasters in Canada : late twentieth century .....	31
3.5, Environmental change, abuse, degradation, and disasters .....	33
3.6, Mountain region hazards and disasters .....	33
3.7, Newspaper clippings .....	34
3.8, Conferences .....	34
3.9, Disasters and insurance .....	34
3.10, Disease hazards .....	34
3.11, Technological hazards .....	34
3.12, Drugs/illegal trafficking .....	35
3.13, Biological hazards .....	35
3.14, Foot and mouth disease .....	35
3.15, Disasters and human rights .....	35

## **Kenneth Hewitt fonds**

4, Armed violence/peace research : hazards of war and armed repression for civilian populations, settlements, and habitats, .....	35
4.1, Conceptual and ethical issues of war and civil life .....	36
4.2, Air Power and Assaults on Human Settlements Project, 1911-2000 .....	36
4.3, World War II .....	37
4.4, Forced displacement, refugees, and war .....	43
4.5, Gender, age, ethnicity, etc. and war victims .....	44
4.6, Wars : post-1945 impacts on civilians, settlements, habitats, human rights .....	44
4.7, Nuclear war (hazards for civilians, settlements and habitats) .....	46
4.8, Chemical and biological war .....	46
4.9, War, armed repression and peoples' health .....	46
4.10, Genocide .....	47
4.11, Reconstruction after wars .....	47
4.12, 'Oral geographies' of war project (testimony of civilian victims) .....	47
4.13, Concentration camps, 'Gulags' (ex holocaust) .....	47
4.14, Terrorism .....	48
5, Geomorphology, .....	48
6, Geography : theory and profession, .....	49
7, Snow and Ice Hydrology Project - office files, 1918-2011 .....	49
8, Snow and Ice Hydrology Project - glacier research, 1967-2011 .....	55
9, Snow and Ice Hydrology Project - data, 1918-2011 .....	57
10, Snow and Ice Hydrology Project -- meteorological data, 1918-2011 .....	65
11, Snow and Ice Hydrology Project (SIHP), .....	67
12, Snow and Ice Hydrology Project - soil samples, .....	70
13, Snow and Ice Hydrology Project - graphic material, .....	71
13.1, [number not used] .....	72
13.2, Slides .....	72
13.3, Photographs and negatives .....	73
14, Hewitt correspondence, 1950-1999 .....	73
15, Snow and Ice Hydrology Project - Micro slide samples, .....	74
15.1, Karakovam - Thin section rocks LLSP .....	74
15.2, Thin sections - landslide lithology .....	74
15.3, Thin sections .....	74
15.4, Thin sections - unlabelled .....	75
16, Maps, .....	75

## Summary information

---

**Repository:****Title:** Kenneth Hewitt fonds**ID:** S579**Date:** 1918 - 2011 (date of creation)**Physical description:** 12.33 m of textual records  
2.83 m of graphic material  
17 audio cassettes  
13 maps  
38 glass micro slides  
1 box of soil samples  
1 film reel**Dates of creation,  
revision and deletion:**

---

## Administrative history / Biographical sketch

---

### Note

Dr. Kenneth Hewitt (1937- ) is Professor Emeritus of Geography and Environmental Studies at Wilfrid Laurier University in Waterloo, Ontario. Born in Wales in 1937, Dr. Hewitt served in the Royal Artillery from 1955-1957 before teaching for a year at the Outward Bound Sea School in Aberdovey, Wales. He then received his BA and MA in Geography at the University of Cambridge in 1961 and 1963 respectively, and his PhD in Geomorphology at the University of London in 1967. As a graduate student, Dr. Hewitt taught geography courses at the City of London College and the Sidney Webb College of Education. After completing his PhD, Dr. Hewitt became a Post-Doctoral Fellow and Lecturer of Geography at the University of Toronto, where he would become an Associate Professor of Geography at University of Toronto's Institute of Environmental Sciences and Engineering. He left the University of Toronto in 1973 to become Professor of Human Ecology and Chairman of the Environmental Studies program at Rutgers University's George H. Cook Campus in New Brunswick, New Jersey. In 1976, Dr. Hewitt returned to Canada where he accepted a teaching position in Wilfrid Laurier University's Geography Department, where he would remain until his retirement in 2002. Throughout his career, Dr. Hewitt wrote dozens of articles and chapters, and published multiple books, including *The Hazardousness of a Place: A Regional Ecology of Damaging Events* (1971), *Glaciers of the Karakoram Himalaya: Glacial Environments, Processes, Hazards and Resources (Advances in Asian Human-Environmental Research)* (2013), *Landscapes of Transition: Landform Assemblages and Transformations in Cold Regions (GeoJournal Library)* (2013), and *Regions of Risk: A Geographical Introduction to Disasters (Themes In Resource Management)* (2014). In 1988, he was a founding member of Laurier's Cold Regions Research Centre. Dr. Hewitt was also involved with many committees and projects. He was the director of the Centre for Hazards and Development Research (WLU) from

1985-1987, the principle investigator of the Snow and Ice Hydrology Project in the Himalayas from 1985-1988, a guest professor at the Geographisches Institut, University of Köln from 1992-1993, and a research fellow at the International Landslide Centre and Department of Geography at the University of Durham in 2005. He also served as a consultant for the Commonwealth Science Council's Disaster Management Committee (1988-1989), B.C. Hydro International (1991), the Tri-Lateral Workshop on Natural Hazards (1995), and the UN Consultative Workshop for NGOs on the Mountain Agenda (1995). Dr. Hewitt's areas of specialization include social geography and human ecology, including the study of vulnerability and gender responses to environmental risks/disasters and armed violence; rockslides, glacier fluctuations, and the regional geomorphology of high mountain environments, especially the Karakoram Himalaya; as well as landslide processes on the Niagara Escarpment in Southwestern Ontario. Dr. Hewitt received the Award for Scholarly Distinction in Geography granted by the Canadian Association of Geographers in 1991.

---

## Scope and content

---

The fonds contains records created and accumulated by Kenneth Hewitt throughout his career. Includes publications, reports, correspondence, papers, maps, surveys, notes, inventories, newspaper clippings, photographs and other material.

Several series contain records of Ken Hewitt's involvement in the Snow and Ice Hydrology Project (SIHP), a joint Pakistan-Canada venture. Established in 1981, the project began its first of five summer field sessions in 1985. The project was jointly funded by Pakistan's Water and Power Development Authority (WAPDA) and Canada's International Development Research Centre. In Canada, the project was coordinated by the Cold Regions Research Centre of Wilfrid Laurier University.

---

## Notes

---

### Title notes

### Immediate source of acquisition

Fonds acquired from the creator in August of 2002

### Restrictions on access

At ANNEX. Retrieval of boxes requires 24 hours notice.

### Other notes

- **Publication status:** Published

## Access points

- Multiple media (documentary form)
- Environment (subject)

## Series descriptions

### Series 1: Personal

Scope and content:

This series contains correspondence and biographical information.

#### File / item list

Ref code	Title	Dates	Access status	Container
1.1	File - Biographical			
1.2.1	File - Correspondence -- Publications,			
	1983-1998			
1.2.2	File - Correspondence -- General			
1.2.3	File - Correspondence -- Research			
	permission			

### Series 2: Publications

Scope and content:

This series contains publications such as books, articles, reports and notebooks.

Physical description: 11 cm of graphic material

#### File / item list

### Subseries 2.1: Books

#### File / item list

Ref code	Title	Dates	Access status	Container
2.1.1	File - The hazardousness of a place : a regional ecology of damaging events in Southern Ontario / Kenneth Hewitt and Ian Burton. University of Toronto Press, Research Publications, no. 6, 1971			
2.1.2	File - Man and environment : conceptual framework / Kenneth Hewitt and F. Kenneth Hare. American Association of			

	Geographers, Commission on College Geography, Research Monograph no. 20, 1973
2.1.3	File - Lifeboat : man and a habitable earth, 1976 -- SPECIAL COLLECTIONS HM 206 H45 SC540
2.1.4	File - Spartan walls : civilians and civil ecology at the "sharp end" of war. 1985 Philip Uren Memorial Lecture, Carleton University, 1986 -- SPECIAL COLLECTIONS D 431 H48 SC4001.59
2.1.5	File - Handbook of snow and ice hydrology / edited by Kenneth Hewitt. Volume I, Hydrometeorology; volume II, Snow and melt hydrology; volume III Glacier hydrology; volume IV, Runoff hydrology; volume V, Conduct of investigations. Snow and Ice Hydrology Project, 1990 -- SPECIAL COLLECTIONS GB 2759 P18H35 SC530.1
2.1.6	File - Regions of risk : a geographical introduction to disasters, 1997 (introduction and chapter 3 in collection)
2.1.7	File - Snow and ice conditions in the Upper Indus Basin : a review and bibliography
2.1.8	File - Landscapes of transition : landform assemblages and transformations in cold regions, Kluwer Scientific Publishers, Netherlands (Co-editor and contributor), 2002 -- SPECIAL COLLECTIONS GB 641 L36 SC1756

## Subseries 2.2: Articles

### File / item list

Ref code	Title	Dates	Access status	Container
2.2.1	File - Catastrophic rock slides and the geomorphology of the Hunza and Gilgit River valleys, Karakoram Himalaya, Erdkunde, band 55, 2001			
2.2.2	File - Between Pinochet and Kropotkin : state terror, human rights and the geographers. John Wiley Lecture, 2000. Canadian geographer , vol. 45, no. 3, 2001			
2.2.3	File - Safe place or catastrophic society? Perspectives on hazards and disasters in Canada, Canadian geographer, vol. 44, no. 4, 2000			
2.2.4	File - Quaternary moraines vs. catastrophic rock avalanches in the Karakoram Himalaya, Northern Pakistan,			

	Quaternary Research, vol. 51, no. 3, 1999 (Only the abstract is in collection)
2.2.5	File - Glaciers receive a surge of attention in the Karakoram Himalaya, EOS Transactions, American Geophysical Union, vol. 79, no. 8, 1998
2.2.6	File - Recent glacier surges in the Karakoram Himalaya, South Central Asia, American Geophysical Union, 1998
2.2.7	File - Civil and inner city disasters: urban, social space of bomb destruction, Erdkunde, bond 48, 1994
2.2.8	File - When the great planes came and made ashes of our city...: towards an oral geography of the disasters of war, Antipode, vol. 26, no.1, January 1994
2.2.9	File - The Snow and Ice Hydrology Project; a Pakistan-Canada research and training program / K. Hewitt and G.J. Young. International Association Scientific Hydrology (IAHS), Pub. No. 218, 1993
2.2.10	File - Städte nach dem Krieg Aspekte des Wiederaufbaus in Deutschland / Kenneth Hewitt, Josef Nipper, and Manfred Nutz. Geographische Rundschau, August, 1993
2.2.11	File - The altitudinal organization of Karakoram geomorphic processes and depositional environments, Zeit. f. Geomorphologie N.F. Suppl. Bd. 76, 1989
2.2.12	File - Catastrophic landslide deposits on the Karakoram Himalaya, Science, vol. 262, 1988
2.2.13	File - The Snow and Ice Hydrology Project: research and training for water resource development in the Upper Indus Basin, Journal of Canada - Pakistan cooperation, vol. 2, no. 1, 1988
2.2.14	File - Risks and emergencies in Canada : a national overview , Ontario geography, no. 29, 1987
2.2.15	File - Ecotonal settlement and natural hazards of mountain regions : the case of earthquake risk, Mountain regions and development, vol. 4, no. 1, 1983
2.2.16	File - Place annihilation : area bombing and the fate of urban places, Annals of the Association American Geographers, vol. 73, no. 2, 1983
2.2.17	File - Seismic Risk and mountain environments : the role of surface conditions in earthquake disaster,



	Mountain research and development, vol. 3, no. 1, 1983
2.2.18	File - Review Essay: The Environment as Hazard, Annals of the Association of American Geographers, vol. 70, no. 2, 1980
2.2.19	File - Veroyatnostnoy podkhod k diskretnoym sobaytniyam v prirode : obzor i teorebicheskoe rassmotrenie, Novoi Iden v Geografii, (New Ideas in Geography, Moscow), vol. 1, 1976 (translations of Hewitt, 1970)
2.2.20	File - Probabilistic approaches to discrete natural events : review and theory, Economic geography, vol. 46, no. 2, 1970
2.2.21	File - Ice-front deposition and the seasonal effect : A Himalayan example, Institute of British Geographers, no. 42, 1967
2.2.22	File - A surge of Bultar Glacier, Karakoram Range, Pakistan : a possible landslide trigger / James S. Gardner and Kenneth Hewitt. Journal of Glaciology, vol. 36, no. 123, 1990
2.2.23	File - Desertification, development, and the "admirals" of Manchar Lake in Sind, Pakistan, Economic Geography, vol. 53, no. 4, October 1977
2.2.24	File - Glaciohydrological features of the Karakoram Himalaya; Measurement possibilities and constraints / K. Hewitt and G.J. Young. International Association Scientific Hydrology (IAHS), Pub. no. 218, 1993
2.2.25	File - Rock avalanches in the Karakoram Himalaya. Snow and Ice Hydrology Project, Wilfrid Laurier University, Waterloo, Ontario
2.2.26	File - Changing forms and interpretations of disaster, social vulnerability and adaptive capacities
2.2.27	File - Geomorphic hazards in mountain environments
2.2.28	File - Scientific discovery and environmental change in the Himalaya from original field observations
2.2.29	File - Catastrophic landslides and the Upper Indus streams, Karakoran Himalaya, northern Pakistan
2.2.30	File - Perspectives on development and small settlements in the Third World with special reference to Pakistan
2.2.31	File - Nature : sacred and profane

2.2.32	File - The social space of terror: a civil interpretation of total war, Society and space, vol. 5, no. 4, 1987
2.2.33	File - Excluded perspectives in the social construction of disaster
2.2.34	File - [number not used]
2.2.35	File - Review of War and the city by G.J. Ashworth. Environment and planning D : society and space, vol. 11, 1993
2.2.36	File - Catastrophic landslides and their effects on the Upper Indus streams, Karakoram Himalayan, northern Pakistan, International journal of pure and applied geomorphology, 26/1-3, Special Issue, "Mass Movement in the Himalaya" / edited by J.T. Shroder, Jr., 1999
2.2.37	File - Earthquake hazards in the mountains. Natural history, vol. LXXXV, no.5, May 1976
2.2.38	File - Excluded perspectives in the social construction of risk, International Journal of Mass Emergencies and Disasters, 13:3, November 1995
2.2.39	File - Our cities bombarded, Geographical magazine, 1990
2.2.40	File - The great ice dam, Indus, July 1964
2.2.41	File - Perspective on natural hazards and disasters in the Northern Areas, Dawn magazine, 12th January, 1975
2.2.42	File - Karakoram Glaciers and the Indus, Indus, vol. 2, no. 9, 1961
2.2.43	File - The Karakoram anomaly? Glacier expansion and the 'elevation effect', Karakoram Himalaya, Mountain research and development, vol. 25, no. 4, November 2005
2.2.44	File - Disturbance regime landscapes : mountain drainage systems interrupted by large rockslides / Kenneth Hewitt, Progress in physical geography, 30,3(2006)
2.2.45	File - Rock avalanche dams on the Transhimalayan Upper Indus streams : a survey and assessment of hazard-related characteristics, Italian journal of engineering geology and environment, special issue 1, 2006
2.2.46	File - Glaciers of the Karakoram Himalaya, climate change and water supply concerns / Kenneth Hewitt, Asia Pacific Mountain Network (APMN) bulletin, vol. 8, no. 1, Summer 2007
2.2.47	File - Catastrophic rock slope failures and late Quaternary developments in the

	Nanga Parbat-Haramost Massif, Upper Indus basin, northern Pakistan / Kenneth Hewitt. <i>Quarternary science reviews</i> , 2009
2.2.48	File - Glacially conditioned rock-slope failures and disturbance-regime landscapes, Upper Indus Basin, northern Pakistan / Kenneth Hewitt. <i>Geological Society, London, Special Publications</i> ,
2.2.49	File - Glacier and landslide feedbacks to topographic relief in the Himalayan syntaxes / Oliver Korup, David R. Montgomer, and Kenneth Hewitt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 107 (12), 2001
2.2.50	File - Understanding glacial changes / Kenneth Hewitt. <i>Chinadialogue</i> , Feb., 2010
2.2.51	File - Alternatives for sustained disaster risk reduction / J. C. Gaillard et al. <i>Human geography</i> , vol. 3, no. 1, 2010
2.2.52	File - Understanding glacier changes / Kenneth Hewitt. <i>Chinadialogue</i> , February 1, 2010
2.2.53	File - Gifts and perils of landslides / Kenneth Hewitt. <i>American Scientist</i> , vol. 98, 2010
2.2.54	File - Ice-dammed lakes and outburst floods, Karakoram Himalaya : historical perspectives on emerging threats / Kenneth Hewitt and Jingshi Liu. <i>Physical geography</i> , Vol. 31, issue 6, 2010
2.2.55	File - Glacier change, concentration and elevation effects in the Karakoram Himalaya, Upper Indus Basin / Kenneth Hewitt. <i>Mountain research and development</i> , Vol. 31, no. 3, August 2011
2.2.56	File - Rock avalanches and the pace of late Quarternary development of river valleys in the Karakoram Himalaya / Kenneth Hewitt, John Gosse and John J. Clague. <i>Geological Society of America bulletin</i> , 2011

### Subseries 2.3: Chapters in books

#### File / item list

Ref code	Title	Dates	Access status	Container
2.3.1	File - Risks and disasters in mountain lands. In <i>Mountains of the world : a global priority</i> / edited by B. Messerli and J. Ives, 1997			

2.3.2	File - Sustainable disasters? Perspectives and powers in the discourse of calamity. In Power of development / edited by Jonathan Crush, Routledge, New York
2.3.3	File - Reign of fire : the civilian experience and urban consequences of the destruction of German cities, 1942-1945. In Kriegszerstörung und Wiederaufbau deutscher Städte / edited by J. Nipper and M. Nutz, Geographische Arbeiten Hft. 57., 1993
2.3.4	File - European science in High Asia : geomorphology in the Karakoram Himalaya to 1939. In History of geomorphology: from Hutton to Hack / edited by K.J. Tinkler. Binghampton Symposium on Geomorphology #19, 1989
2.3.5	File - Hazards to water resources development in high mountain regions : the Himalayan sources of the Indus. In Hydrology of disasters : proceedings of the Technical Conference, held in Geneva, November 1988
2.3.6	File - The study of mountain lands and people s: a critical overview. In Human impact on mountains / edited by Nigel J.R. Allan, Gregory W. Knapp and Christoph Stadel, 1988
2.3.7	File - The idea of disaster in a technocratic age and natural hazards research. In Natural resources and people : conceptual issues in interdisciplinary research / edited by K.A. Dahlberg and J.W. Bennet, 1986
2.3.8	File - The meaning and the loss of place in war : the example of Japan in World War II. In Fudo / edited by T. Liman and F. Thompson, 1985
2.3.9	File - The idea of calamity in a technocratic age. In Interpretations of calamity / edited by K. Hewitt, George Allen and Unwin, 1983
2.3.10	File - Natural dams and outburst floods of the Karakoram Himalaya. In Hydrological aspects of alpine and high mountain areas / edited by J. Glen. International Association of Hydrology Sciences, Publication No. 130, 1982
2.3.11	File - Perspective on development and small settlements in the Third World with special reference to Pakistan. In Environment and development : community perspectives / edited by K. Johnson and D. O'Keefe. CENTED,

	International Development Program, Clark University, 1981
2.3.12	File - Some dimensions of seismic risk in mountain regions. In <i>Society and environment : the crisis in the mountains</i> / edited by David C. Pitt, 1978
2.3.13	File - Adaptation to environmental stress : some probabilistic considerations. In <i>Game theory and its relevance. Geographical Inter-University Resource Management Seminar (GIRMS)</i>
2.3.14	File - Human society as a geological agent. In <i>Quaternary geology of Canada and Greenland</i> / edited by R.J. Fulton. A survey of geomorphic processes in Canada, 1989
2.3.15	File - The bombs and the "wende" : development and upheaval in medium-sized cities of East Germany, 1945-1995 / Kenneth Hewitt, Joseph Nipper and Manfred Nutz. In <i>Dynamism in Europe</i> , Viessman Discussion Paper Series on Europe, 1995
2.3.16	File - The mountain environment and geomorphic processes. In <i>Mountain geomorphology : geomorphical processes in the Canadian cordillera</i> / edited by H. Olav Slymaker and H.J. McPherson. B.C. Geographical series, no. 14, 1972
2.3.17	File - The altitudinal distribution of Karakoram geomorphic processes and depositional environments. In <i>Himalaya to the sea : geology, geomorphology and the quaternary</i> / edited by J.F. Shroder, 1993
2.3.18	File - Hazards and disaster in mountain environments : problems in the geography of risk. In <i>Mountain Environments</i> / edited by N.J.R. Allan, 1995
2.3.19	File - Risks and emergence at the national level : an introductory overview. Geographical Inter-University Resource Management Seminar (GIRMS)
2.3.20	File - Perspective on development and small settlements in the third world with special reference to Pakistan. In <i>Environment and development : community perspectives</i> / edited by Kirsten Johnson and Phil O'Keefe
2.3.21	File - Rock avalanches with complex run out and emplacement, Karakoram Himalaya, inner Asia. In <i>Landslides from massive rock slope failure</i> / edited by S.G. Evans et al., 2006

## Subseries 2.4: Conferences and seminars

### File / item list

Ref code	Title	Dates	Access status	Container
2.4.1	File - Landform development of the Niagara Escarpment Cuesta : the role of gravitational creep and spreading / Kenneth Hewitt and David Hintz. Leading Edge '97 : the edge & the point : Niagara Escarpment & Long Point world biosphere reserves : conference proceedings, October 16th-18th, 1997, Holiday Inn, Burlington, Ontario, Canada -- SPECIAL COLLECTIONS QH77.C2 L43 1997 SC925			
2.4.2	File - Settlement and change in basal zone ecotones : an interpretation of the geography of earthquake risk. Third International Conference: Social and Economic Aspects of Earthquakes and Planning to Mitigate their Impacts : conference proceedings : Lake Bled, Yugoslavia, May, 1981. (presented in absentia)			
2.4.3	File - Geomorphology of south central Ontario : a field excursion guidebook : Third International Geomorphology Conference : McMaster University, Hamilton, Ontario, Canada, August 1993 / Kenneth Hewitt et al., 1993 -- SPECIAL COLLECTIONS GB 428.5 C2G46 SC2833			
2.4.4	File - Problems of aridity in Pakistan. A component for the United Nations Conference on Desertification 1977 : section on demography, socio-economic behavioural aspects. Working paper 6			
2.4.5	File - Human economies and perception of environmental extremes. Background paper for International Working Group on Mountain and Tundra Ecosystems : Lillehammer, Norway, November 1973			
2.4.6	File - Afforestation and the legacy of soil and water problems in Pakistan. Ecology, Environment and Afforestation National Seminar, Islambad, October 1974			
2.4.7	File - War and peace in geographic education. Geography Teachers Day, Wilfrid Laurier University, April 10, 1981 (Abstract and program)			
2.4.8	File - Announcement of lecture, program of conference, etc.			

2.4.9	File - 5th International Symposium on the Tibetan Plateau 24th Himalaya - Karakorum - Tibet Workshop - August 2009, Beijing, China	August 2009	S579 Box 43
2.4.10	File - The Landslide Handbook - A Guide to Understanding Landslides		S579 Box 43
2.4.11	File - Rockslides and Rock Avalanches of the Kokomeran River Basin and Karakudjur Rockslide	June, 2009	S579 Box 43
2.4.12	File - Rock Avalanches and Rockslide Dams of the Northern Kyrgyzstan (Kyrgyz Range and Chon-Kemin River Valley)	June 10, 2004	S579 Box 43
2.4.13	File - Colloquium 2001 : Other 'Risk Societies': Himalayan Peoples in Transition		S579 Box 43
2.4.14	File - The Third Pole		S579 Box 43
2.4.15	File - IaeG XII Congress Torino 2014: Engineering Geology for Society and Territory	September 15-19, 2014	S579 Box 43
2.4.16	File - Culture Area Karakorum - Press Clippings		S579 Box 43
2.4.17	File - Ken Hewitt Symposium on Cold Regions and Water Science Research - March 2-3 2009	March 2-3 2009	S579 Box 43
2.4.18	File - Programs - 5th International Symposium on the Tibetan Plateau 24th Himalaya - Karakorum - Tibet Workshop - August 2009	August 2009	S579 Box 43
2.4.19	File - The Second World Landslide Forum : Scientific Programme	October 2011	S579 Box 43
2.4.20	File - Brock University - Micromorphology of Glacigenic Sediments Second International Technical Workshop	June 1997	S579 Box 43
2.4.21	File - Cagont/Eldaag Conference	October 2008	S579 Box 43
2.4.22	File - The Exploitation of the Landscape of Central and Inner Asian: Past, Present and Future	May 15-16, 2007	S579 Box 43
2.4.23	File - The 4th International Symposium on Mega Earthquake Induced Geo-disasters and Long Term Effects Program Bookq	May 9-13, 2015	S579 Box 43

### Subseries 2.5: Reports

#### File / item list

Ref code	Title	Dates	Access status	Container
2.5.1	File - The assessment of earthquake risks and their geographical variations : land-use and climageomorphic dimensions of disaster incidence in S.W. Asia and the Eastern Mediterranean : report on the activities in 1979			

2.5.2	File - A pilot survey of global natural disasters of the past twenty years. Natural hazard research, working paper no. 11, 1969
2.5.3	File - Probabilistic approaches to discrete natural events : a review and theoretical discussion. Natural hazard research, working paper no. 8, 1969
2.5.4	File - Risks from the Khurdopin-Virjerab Glacier Dam, Karakoram Himalaya : a report to the community. Cold Regions Research Centre, Wilfrid Laurier University, Waterloo, Ontario -- SPECIAL COLLECTIONS GB 2559.K3 H49 SC570
2.5.5	File - [number not used]
2.5.6	File - War and civil society : strategic air power against the Japanese civilian, 1945 the threat and its preconditions. Wilfrid Laurier University research paper series no. 8574 -- SPECIAL COLLECTIONS D 744.7.J3 H49 SC571
2.5.7	File - Snow and ice hydrology in remote, high mountain regions : the Himalayan Sources of the River Indus. Snow and Ice Hydrology Project, (WAPDA-IDRC-WLU) Waterloo, 1985 -- SPECIAL COLLECTIONS GB 2759.P18 H49 SC572
2.5.8	File - Effects of man on geomorphic process in Canada. Wilfrid Laurier University research paper series no. 8460 -- SPECIAL COLLECTIONS GF 75 H49 SC573
2.5.9	File - Air war and the destruction of urban places. Wilfrid Laurier University research paper series no. 8244, 1982 -- SPECIAL COLLECTIONS D 785 H49 SC574
2.5.10	File - Seismic risk and mountain environments : an interpretation of the geography of earthquake disasters. Wilfrid Laurier University research paper series no. 8021, 1980
2.5.11	File - Some perspectives on the interpretation of war systems in human ecology. Wilfrid Laurier University Geography working paper no. 7, 1979 -- SPECIAL COLLECTIONS GF 21 H48 SC575
2.5.12	File - Proposals for future research, training and science applications, Discussion Paper No. 2. Planning Workshop Northern Areas Science Expedition, Pakistan National Science Foundation, Islamabad, January 1975



2.5.13	File - Mountain hazards in the Americas : a selected bibliography / Kenneth Hewitt, A-J Small and A.L. Wallace. Wilfrid Laurier University Cold Regions Research Centre, Working Paper #3, 1994 -- SPECIAL COLLECTIONS Z 6004 N3H49 SC2789
2.5.14	File - Landslides, cliff development and cuesta morphology of Niagara Escarpment report of activities and findings, 1995 / Kenneth Hewitt , Houston Saunderson, David Hintz. 1995 -- SPECIAL COLLECTIONS GB 428.5 C2H49 SC2930

### Subseries 2.6: Compiled books, etc.

#### File / item list

Ref code	Title	Dates	Access status	Container
2.6.1	File - West Germany : a collection of essays : a fourth year honours geography field trip report / directed by A. Hecht and K. Hewitt, 1989			
2.6.2	File - A course reader : GG396, February 1998			
2.6.3	File - Regions of risk : a geographic introduction to disasters. Course package for GG231, Winter 2001			

### Subseries 2.7: Meetings

#### File / item list

### Subseries 2.8: Critiques of Hewitt publications

#### File / item list

### Subseries 2.9: Notebooks

#### File / item list

Ref code	Title	Dates	Access status	Container
2.9.1	File - Notebook - Handwritten			S579 Box 43

### Series 3: Risk, hazards and disasters

#### Scope and content:

This series contains material related to hazards, diseases and risk information.

File / item list				
<b>Subseries 3.1: General theoretical, technical and practical aspects: sources and contributions 1967 to present</b>				
File / item list				
Ref code	Title	Dates	Access status	Container
3.1.1.1	File - General theories of disaster/risk -- Articles			
3.1.1.2.1	File - Red : the network for social studies on disaster prevention in Latin America, research agenda and constitution, 1993 -- SPECIAL COLLECTIONS HV 555.L29 R43 SC594			
3.1.1.2.2	File - El manejo popular de los desastres naturales / Andrew Maskrey, 1989 -- SPECIAL COLLECTIONS GB 5011.39 M37 SC602			
3.1.1.2.3	File - Desastres en Guadalajara : notas preliminares y testimonios / Jesus Manual Macias and Georgina Calderon Aragon, 1994 -- SPECIAL COLLECTIONS HV 555.M62 G8 SC601			
3.1.1.2.4	File - UNDRO news continued by DHA news, 1988-1997 incomplete -- SPECIAL COLLECTIONS HV 553 U16 SC791			
3.1.1.2.5	File - Risk perspectives on environmental impact assessment / edited by A.P. Grima, C.D. Fowle, R.E. Munn, 1989 -- SPECIAL COLLECTIONS TD 194.6 R58 SC1383			
3.1.1.2.6	File - Information needs for risk management / edited by C.D.Fowle, A.P. Grima, and R.E. Munn -- SPECIAL COLLECTIONS TD 194.6 I558 SC1382			
3.1.1.2.7	File - Famines of the world : past and present / Cornelius Walford, 1879, 1970 Includes inventory and notes.			
3.1.1.2.8	File - Types and events of disasters : organization in various disaster situations : proceedings of the International Congress on Disaster Medicine, Mainz 1977, Part 1 / edited by R. Frey and P. Safar, 1980 -- SPECIAL COLLECTIONS RA 645.5 I56 1977 SC3544			
3.1.1.2.9	File - Vulnerability, resilience and the collapse of society : review of models and possible climate applications / Peter Timmerman, 1981 --SPECIAL COLLECTIONS GF 71 T55 SC3610			

3.1.1.2.10	File - Assessing resilience and vulnerability in the context of emergencies : guidelines / Victorian Government Department of Human Services, Melbourne, 2000
3.1.1.2.11	File - Assessment of personal and community resilience and vulnerability : report : EMA Project 15/2000 / Philip Buckle, Graham Marsh and Sydney Smale, May 2001
3.1.1.2.12	File - Assessing resilience and vulnerability : principles, strategies and actions : guideline / Philip Buckle, Graham Marsh and Sydney Smale, May 2001
3.1.1.2.13	File - Economic theory and natural disaster behaviour / Howard C. Kunreuther. Economic and Political Studies Division, Institute for Defense Analyses, 1966
3.1.1.3.1	File - Adaptation theory -- Articles
3.1.1.3.2	File - Adaptation theory -- Hewitt notes
3.1.1.3.3	File - Disaster research around the world : study leave report / S. Noel Kiek. Papua New Guinea University of Technology, 1982
3.1.1.4	File - Hazard theory, Hewitt notes
3.1.1.5.1	File - Probability and hazards -- Articles
3.1.1.5.2	File - Probability and hazards -- Hewitt notes
3.1.1.5.3	File - Proceedings of the first Statistical Meteorological conference, Hartford, Connecticut, May 27-29, 1968 SPECIAL COLLECTIONS QC 874.5 N37 SC2333
3.1.1.6	File - Probability and hazards -- Hazard bibliographies
3.1.1.7	File - Hazard bibliographies -- Hewitt notes and drafts
3.1.2.1	File - Emergency measures -- Articles
3.1.2.2	File - Emergency measures -- Federal emergency planning
3.1.2.3	File - The human element to disasters and their impact : issues related to response and recovery : five articles from the Canadian Natural Hazards Assessment Project / edited by David Etkin, October 2001 -- SPECIAL COLLECTIONS HV 555 C2H84 SC2166
3.1.2.4	File - Disaster surveys and data bases : getting national risk assessments started : a discussion paper / Kenneth Hewitt for C.S.C. Disaster Management - Planning Committee

### Subseries 3.2: Natural hazards

<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.2.1.1.1	File - Natural hazards in North America -- Hazard summaries -- World			
3.2.1.1.2	File - Natural hazards in North America -- Hazard summaries -- Case studes			
3.2.1.1.3	File - Natural hazards in North America -- Hazard summaries -- inventories, summaries			
3.2.1.1.4	File - Natural hazards in North America -- Hazard summaries -- Disaster history : significant data on major disasters worldwide, 1900-present			
3.2.1.1.2.1	File - Hazards inventories : global, 1980's, 1990's -- Notes			
3.2.1.1.2.2	File - Data book on Asian natural disasters in the 20th century / Asian Disaster Reduction Center, 2000 -- SPECIAL COLLECTIONS GB 5008 A78A37 SC2487			
3.2.1.1.4.1	File - Preliminary correlations between earthquake damage and strong ground motion / Robert V. Whitman et. al. Seismic Design Decision Analysis, Report no.29, MIT Department of Civil Engineering, 1977			
3.2.1.1.4.2	File - Geophysical hazard and risk assessment at a provincial scale : an interim report / Donald Alford. Prepared for Focus Humanitarian Assistance USA, 1997			
3.2.1.1.4.3	File - A report of a workshop on comparative risk assessment of environmental hazards in an international context, Woods Hole, Massachusetts, 1975			
3.2.1.1.4.4	File - Confronting natural disasters : an international decade for natural hazard reduction			
3.2.1.1.4.5	File - Man and environment : background essays with special reference to Ontario / edited by Jane Brydon, Ken Hewitt, Jim Ingram and Doug Irwin. University of Toronto Department of Geography, Class Notes Series no. 1, 1970 -- SPECIAL COLLECTIONS GF512.O6 M34 SC600.1			
3.2.1.1.4.6	File - Technical services for the urban floodplain property manager : organization of the design problem / Kenneth Cypra and George L. Patterson. Natural Hazard Research, working paper no. 12, 1969			

3.2.1.1.4.7	File - Notes on insurance against loss from natural hazards / Christopher K. Vaughn. Natural Hazard Research, working paper no. 21, 1971 -- SPECIAL COLLECTIONS HG 9979 V37 SC577
3.2.1.1.4.8	File - Report of the US-Southeast Asia symposium on engineering for natural hazards protection / A. H-S. Ang. Department of Civil Engineering, University of Illinois at Urbana, 1978 -- SPECIAL COLLECTIONS TA 495.A58 SC578
3.2.1.1.4.9	File - Physical adjustments and institutional arrangements for the urban flood hazard in the Grand River Watershed, Ontario / Bruce Mitchell et. al. Department of Geography, Faculty of Environmental Studies, University of Waterloo, 1977
3.2.1.1.4.10	File - The cost of natural disaster in the United States / Douglas Dacy. Economic and Political Studies Division, Institute for Defence Analysis, 1966 -- SPECIAL COLLECTIONS HV 555 U6D29 SC580
3.2.1.1.4.11	File - Texas droughts : causes, classification and prediction / John T. Carr, Jr. Texas Water Development Board, report 30, 1966 -- SPECIAL COLLECTIONS QC 929.27 T4C37 SC581
3.2.1.1.4.12	File - Hurricane hazard in Western Samoa / Deborah D. Paulson, 1993
3.2.1.1.4.13	File - Rainfall deciles as drought indicators / W.J. Gibbs and J.V. Maher, 1967 -- SPECIAL COLLECTIONS G 2751 C883G5 SC2282
3.2.1.1.4.14	File - Disasters around the world : a global and regional view / World Conference on Natural Disaster Reduction, Yokohama, Japan, 23-27 May 1994. Information paper no. 4 -- SPECIAL COLLECTIONS GB 5005 W67 SC2488
3.2.1.1.5	File - Articles
3.2.1.1.6.1.1	File - Natural hazards : general studies -- Floods and droughts -- General
3.2.1.1.6.1.2	File - Natural hazards : general studies -- Floods and droughts -- India
3.2.1.1.6.1.3	File - Natural hazards : general studies -- Floods and droughts -- Mitigation
3.2.1.1.6.1.4	File - Natural hazards : general studies -- Floods and droughts -- World case studies
3.2.1.1.6.1.5	File - Natural hazards : general studies -- Floods and droughts -- Satellite mapping

3.2.1.1.6.1.6	File - Rio Grande flood : a comparative study of border communities in disaster / R.A. Clifford -- 1956 SPECIAL COLLECTIONS HV610 1954 R53 SC976
3.2.1.1.6.1.7	File - Natural hazards : general studies -- Floods and droughts -- Drought
3.2.1.1.6.1.8	File - Floods : people at risk, strategies for prevention / John B. Miller. United Nations Department of Humanitarian Affairs, 1997 -- SPECIAL COLLECTIONS TC 530 M55 SC4453
3.2.1.1.6.2	File - Natural hazards : general studies -- Earthquakes
3.2.1.1.6.3	File - Natural hazards : general studies -- Extreme weather in the 90s
3.2.1.1.6.4.1	File - Wind effects on buildings and structures : proceedings of the International Research Seminar held at the National Research Council, Ottawa, Canada on 11-15 September 1967, Volumes I and II -- SPECIAL COLLECTIONS TA 654.5 I52 1967 v.1-2 SC582
3.2.1.1.6.4.2	File - Natural hazards : general studies -- Dust storms
3.2.1.1.6.5	File - Tropical cyclones
3.2.1.1.6.5.2	File - Cyclones -- Origin and areas of occurrence
3.2.1.1.6.5.3	File - Cyclones -- Articles
3.2.1.1.6.5.4	File - Cyclones -- Case studies : Bangladesh '91
3.2.2.1.1.6.5.5	File - Cyclones -- Typhoons
3.2.1.1.6.6.1	File - Hurricanes -- Caribbean/U.S inventories
3.2.1.1.6.6.2	File - Hurricanes -- Physics and patterns
3.2.1.1.6.6.3	File - Hurricanes -- Case studies : world
3.2.1.1.6.6.4	File - The tides of March : a story of the storm March 6 and 7, 1962 in Ocean City, Maryland / Beryl and Bill Dryden -- SPECIAL COLLECTIONS QC 945 D79 SC2353
3.2.1.1.6.6.5	File - Hurricane Alicia : Galveston and Houston, Texas, August 17-18, 1983 / Committed on Natural Disasters, National Research Council, 1984 -- SPECIAL COLLECTIONS QC 945 H76 SC2163
3.2.1.1.6.6.6	File - Hurricanes -- Physics and patterns
3.2.1.1.6.6.7	File - The effects of tropical storm Agnes on the Chesapeake Bay estuarine system / The Chesapeake Research Consortium, Inc., 1976 -- SPECIAL COLLECTIONS GC 511 C46 1977 SC4542

3.2.1.1.6.7	File - Tornadoes
3.2.1.1.6.8	File - Hail
3.2.1.1.6.9.1	File - Snow -- Snow classification/ physics
3.2.1.1.6.9.2	File - Snow -- Ice storms
3.2.1.1.6.9.3	File - Snow -- Ice storm 1998
3.2.1.1.6.9.4	File - Snow -- Patterns, problems
3.2.1.1.6.9.5	File - Snow -- general
3.2.1.1.6.10	File - Coastal hazards : fog, ice
3.2.1.1.6.11.1	File - Landslides and avalanches -- Articles
3.2.1.1.6.11.2	File - Landslide hazard mapping and management in China / Li Tianchi, 1996 -- SPECIAL COLLECTIONS QE 599 C6L5 SC2165
3.2.1.1.6.11.3	File - Landslide hazard management and control in India / V.C. Thakur, 1996 -- SPECIAL COLLECTIONS QE 599 I4T52 SC2164
3.2.1.1.6.11.4	File - Postgraduate course in mountain risk engineering : feasibility report / edited by M.R. Dhital. Tribhuvan University Mountain Risk Engineering Unit, 1998
3.2.1.1.6.11.5	File - Postgraduate course in mountain risk engineering : course of study / edited by M.R. Dhital. Tribhuvan University Mountain Risk Engineering Unit, 1998
3.2.1.1.6.11.6	File - Avalanches and avalanche defence : translations of seventeen Russian articles / translated by H.R. Hayes and V. Poppe. National Research Council of Canada, Technical Translation 1383, 1969 -- SPECIAL COLLECTIONS QC 929 A8A93 SC3514
3.2.1.1.6.11.1	File - Volcanoes -- Articles
3.2.1.1.6.12.2	File - Volcanoes of the National Parks in Hawaii / Gordon A. Macdonald and Douglass H. Hubbard, 1974 -- SPECIAL COLLECTIONS QE 524 M3 1975 SC3531
3.2.1.1.6.13.1.1	File - Climate change -- Articles and notes
3.2.1.1.6.13.1.2	File - Climate simulations [videorecording] : prediction of global change / conception, Joachim Biercamp, Klaus Hasselmann, Michael Bottinger, 1995 -- SPECIAL COLLECTIONS QC981.8 C5 SC3478
3.2.1.1.6.13.2	File - Sea level rise
3.2.1.1.6.13.3	File - Great Lakes-St. Lawrence basin project on adapting to the impacts of climate change and variability : progress report #1 / edited by Linda Mortsch and

	Brian Mills, April 1996 -- SPECIAL COLLECTIONS QC 981.8 C5G72 SC2332
3.2.1.1.6.14.1	File - Risk and disaster : Latin America -- Articles
3.2.1.1.6.14.2	File - Risk and disaster : Latin America -- Floods, venezuela
3.2.1.1.6.14.3	File - Risk and disaster : Latin America -- Project III : Earthquakes in the Andes Mountain Range, N.Y. Times recorded damage, 1945-1947
3.2.1.1.6.14.4	File - Risk and disaster : Latin America -- U rban hazard inventory
3.2.1.1.6.15.1	File - Famine -- Articles and notes
3.2.1.1.6.15.2	File - The 1959-61 famine in China : myth, reality or definitional problems / William.A. Dando, 1982 -- SPECIAL COLLECTIONS HC 430 F3D36 SC975
3.2.1.1.6.16	File - Thunderstorm and lightning: articles
3.2.1.1.6.17.1	File - Wildfires : forest, bush, grassland -- Articles
3.2.1.1.6.17.2	File - Wildfires : forest, bush, grassland -- Proceedings : Tall Timbers Fire Ecology Conference. 2nd, 4th, 5th, 7th -- SPECIAL COLLECTIONS SD 411 T34 SC2270
3.2.1.1.6.17.3	File - Wildfires : forest, bush, grassland -- Indonesian forest fires
3.2.1.1.6.18	File - Hazards : Arctic and Sub Arctic, N.Y. Times recorded damage 1945-1974
3.2.1.1.6.19	File - Asian Disaster Research Centre
3.2.1.1.6.20	File - Outwitting the hazards : youth attacks the accident problem / Francis L. Bacon, 1941 -- SPECIAL COLLECTIONS HV 675 B25 SC2586
3.2.1.2	File - WLU student surveys 1980's, 1990's, 2001
3.2.3.1	File - Natural hazards in Pakistan with particular reference to the desertification project in the 1970's -- General background
3.2.3.2	File - Natural hazards in Pakistan with particular reference to the desertification project in the 1970's -- Water and power
3.2.3.3	File - Natural hazards in Pakistan with particular reference to the desertification project in the 1970's -- Waterlogging and salinity
3.2.3.4	File - Natural hazards in Pakistan with particular reference to the desertification project in the 1970's-- Desertification
3.2.3.5	File - Natural hazards in Pakistan with particular reference to the desertification



	project in the 1970's -- Marchar Lake and the 'Admirals' victims of desertification
3.2.3.6.1	File - The Kalash of the Hindu Kush -- Articles
3.2.3.6.2	File - The Kalash of the Hindu Kush -- Hewitt notes
3.2.3.7	File - Northern Areas Environmental Planning Conference and related, 1975
3.2.3.8	File - Pakistan 'Land and Life' project - Hewitt notes
3.2.3.9	File - Floods, 1990's
3.2.3.10	File - Ecology, environmental protection and afforestation, Proceedings of the National Seminar at Islamabad, Pakistan, October 21-24, 1974
3.2.3.11	File - Hazards, cultural responsibility : Hewitt notes
3.2.4.1.1	File - Earthquake risk project, 1974-1986 -- Bibliographies
3.2.4.1.2	File - Earthquake risk project, 1974-1986 -- Third International Conference: Social and Economic Aspects of Earthquakes and Planning to Mitigate Their Impacts, 1981
3.2.4.1.3	File - Earthquake risk project, 1974-1986 -- Geophysics of earthquakes
3.2.4.1.4.1	File - Earthquake risk project, 1974-1986 -- Prediction and hazard mitigation
3.2.4.1.4.2	File - Earthquake risk project, 1974-1986 --Geologic hazards and public problems : conference proceedings / edited by R.A. Olson, 1972 -- SPECIAL COLLECTIONS QE 598 G46 SC974
3.2.4.1.5	File - Earthquake risk project, 1974-1986 -- Physics and patterns
3.2.4.1.6	File - Earthquake risk project, 1974-1986 -- Ground motion and damage
3.2.4.1.7	File - Earthquake risk project, 1974-1986 -- General articles
3.2.4.1.8	File - Earthquake risk project, 1974-1986 -- Climatic relations of major earthquake disaster sites
3.2.4.1.9.1	File - Earthquakes : case studies -- articles, notes
3.2.4.1.9.2	File - Social science perspectives on the coming San Francisco earthquake: economic impact, prediction, and reconstruction / H.C. Cochrane, et. al., 1974 -- SPECIAL COLLECTIONS HC 79 D45S63 SC1691
3.2.4.1.10	File - Earthquake Risk Project -- Seismic risk : mountain environments
3.2.4.1.11	File - Earthquake Risk Project -- Earthquakes : global distribution data

	and maps. (Oversized maps are located in Tube 1)
3.2.4.1.12	File - Correlations between earthquake damage and strong ground motion
3.2.4.1.13.1	File - Earthquake hazards reduction : issues for an implementation plan, 1978 -- SPECIAL COLLECTIONS TA 654.6 U54 SC583
3.2.4.1.13.2	File - Terremoto y sociedad, 1987 -- SPECIAL COLLECTIONS HV 600 1985 M48T47 SC584
3.2.4.1.13.3	File - Reevaluation of modified mercalli intensity scale for earthquakes using distance as determinant / Rutlage J. Brazee. National Geophysical and Solar-Terrestrial Data Center, Boulder, Colorado, 1978 -- SPECIAL COLLECTIONS QE 534.2 B73 SC585
3.2.4.1.13.4	File - Earthquake and tsunami hazards in the United States : a research assessment / Robert S. Ayre, 1975 -- SPECIAL COLLECTIONS GC 220.3 A95 SC586
3.2.4.1.13.5	File - System identification, damage assessment and reliability evaluation of structures / Edward C. Ting, S.J. Hong Chen and James T.P. Yao, 1978 -- SPECIAL COLLECTIONS TA 646.T55 SC587
3.2.4.1.13.6	File - Seismic reliability of lifeline networks / George Panoussis. MIT Department of Civil Engineering, Seismic Design Decision Analysis, report no. 15, 1974 -- SPECIAL COLLECTIONS TA 169.P35 SC588
3.2.4.1.13.7	File - Effects of earthquakes on system performance of water lifelines / Klaus H. Hein and Robert V. Whitman. MIT Department of Civil Engineering, Seismic Design Decision Analysis, report no. 27, 1976 -- SPECIAL COLLECTIONS TC 181 H45 SC589
3.2.4.1.13.8	File - Seismic risk analysis for two-sites cases / Wen-How Tong. MIT Department of Civil Engineering, Seismic Design Decision Analysis, report no. 18, 1975 -- SPECIAL COLLECTIONS QE 538.8 T65 SC590
3.2.4.1.13.9	File - Economic impact in seismic design decision analysis : a preliminary investigation / Tapan Munroe and Cynthia Blair. MIT Department of Civil Engineering, Seismic Design Decision Analysis, report no. 20, 1975 -- SPECIAL COLLECTIONS HC 79 D45M85 SC593

3.2.4.1.13.10	File - Earthquakes in the Himalayan Region / S.K. Bangertji, 1957	
3.2.4.1.13.11	File - Damage statistics for high-rise buildings in the vicinity of the San Fernando earthquake / Robert V. Whitman, Sheu-Tien Hong, John W. Reed. MIT Department of Civil Engineering, Optimum Seismic Protection and Building Damage Statistics, Report no. 7, 1973 -- SPECIAL COLLECTIONS TH 1095 W45 SC972	
3.2.4.1.13.12	File - [number not used]	
3.2.4.1.13.13	File - After a California earthquake : attitude and behavior change / Risa Palm and Michael E. Hodgson, 1992 -- SPECIAL COLLECTIONS H 31 C514 no. 233 SC2726	
3.2.4.1.14	File - Hewitt notes	At ANNEX. Retrieval of boxes requires 24 hours notice.
3.2.4.1.15	File - Artificially caused earthquakes	
3.2.4.2.1	File - Regional background for areas with frequent earthquake disasters -- Ecuador	
3.2.4.2.2	File - Regional background for areas with frequent earthquake disasters -- Mapa geologico de Chile (6 sheets), 1982 -- SPECIAL COLLECTIONS G 5331 C5 1980 C5 SC1695	
3.2.4.3.1.1	File - Earthquake disaster inventory and documentation of events, 1900-2000 -- Earthquake inventory - summaries, 1946-1976	
3.2.4.3.1.2	File - Earthquake disaster inventory and documentation of events, 1900-2000 -- Earthquake inventory - summaries, 1976-1989	
3.2.4.3.1.3	File - Earthquake disaster inventory and documentation of events, 1900-2000 -- Earthquake inventory - summaries, 1990	
3.2.4.3.2	File - Earthquake disaster inventory and documentation of events, 1900-2000 -- Earthquake inventory - summaries -- Sites	
3.2.4.4.1	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- High mountain environments - bibliographies	
3.2.4.4.2	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Articles	
3.2.4.4.3	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Mountain region problems	
3.2.4.4.4	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Ecotonal settlement	

3.2.4.4.5	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Risk
3.2.4.4.6	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Disaster inventories
3.2.4.4.7	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Vegetation
3.2.4.4.8	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- S.E. Asia
3.2.4.4.9	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Hewitt reports and notes
3.2.4.4.10	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- July 1980 reports
3.2.4.4.11	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Correspondence
3.2.4.4.12	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Pakistan research proposal
3.2.4.4.13	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Earthquakes : inventories
3.2.4.4.14	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Ecotone : articles
3.2.4.4.15	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Environmental change : articles
3.2.4.4.16	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Climate, mountain environments : articles
3.2.4.4.17	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Earthquakes and mountains : 1979 data and report
3.2.4.4.18	File - Mountain lands and 'ecotonal risk' in the Basal Zone -- Earthquake felt report for Alaska (sorted by intensity & date within the city). Alphabetical and chronological lists.
3.2.4.5.1	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia. -- Mediterranean geocology
3.2.4.5.2	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia. -- Earthquake disasters : examples
3.2.4.5.3	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Disasters and history.
3.2.4.5.4	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Natural hazards.
3.2.4.5.5	File - Maps and other documentation of earthquake sites in the Mediterranean

	basin and S.W. Asia -- Mountain societies.
3.2.4.5.6	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Earthquake - maps and atlases.
3.2.4.5.7	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Earthquakes and civilization - Hewitt & Vallilles .
3.2.4.5.8	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Iran
3.2.4.5.9	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Geology and history of Sicily / edited by Walter Alvarez and K.H.A. Gohrbrandt, 1970
3.2.4.5.10	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Biophysical
3.2.4.5.11	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Hazard, risk - human exposure
3.2.4.5.12	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Human, biological and societal adaptations
3.2.4.5.13.1	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Nepal
3.2.4.5.13.2	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Nepal
3.2.4.5.13.3	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Nepal
3.2.4.5.13.4	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- S.W. Asia
3.2.4.5.14.1	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- S.W. Asia
3.2.4.5.14.2	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- S.W. Asia
3.2.4.5.14.3	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- S.W. Asia
3.2.4.5.14.4	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- S.W. Asia

3.2.4.5.14.5	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- S.W. Asia
3.2.4.5.15.1	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Turkey
3.2.4.5.15.2	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Turkey
3.2.4.5.15.3	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Turkey
3.2.4.5.15.4	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Turkey
3.2.4.5.15.5	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Turkey
3.2.4.5.15.6	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Turkey
3.2.4.5.15.7	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Turkey
3.2.4.5.16.1	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Pakistan
3.2.4.5.16.2	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Pakistan
3.2.4.5.16.3	File - Complex river basin management in a changing global climate : the Indus River Basin in Pakistan : a national assessment / a report by the Indus Basin Case Study Team, 1992 -- SPECIAL COLLECTIONS TC 504 I4C66 SC2791
3.2.4.5.16.4	File - Complex river basin management in a changing global climate : the Indus River Basin in Pakistan : a national assessment / a report by the Indus Basin Case Study Team, 1992 -- SPECIAL COLLECTIONS TC 504 I4C66 SC2791
3.2.4.5.17.1	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Afghanistan
3.2.4.5.17.2	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Afghanistan
3.2.4.5.17.3	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Afghanistan
3.2.4.5.17.4	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Afghanistan

3.2.4.5.18.1	File - Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia -- Italy
3.2.4.5.18.2	File - General catalogue of Italian earthquakes / M.T. Carrozzo et. al., 1972 -- SPECIAL COLLECTIONS QE536.218 G45 SC973
3.2.5.1	File - Technological, disease and other hazards -- articles
3.2.5.2	File - Technological, disease and other hazards -- tobacco: articles

### Subseries 3.3: Risks and disaster ideas

#### File / item list

Ref code	Title	Dates	Access status	Container
3.3.1	File - Vulnerability and related notions of risk and disaster, including RADIX study group			
3.3.2	File - Los desastres no son naturales / edited by A. Maskrey, 1993 -- SPECIAL COLLECTIONS GB 5020 D47 SC969			
3.3.3	File - Articles			
3.3.4.1	File - Risk in the city -- articles			
3.3.4.2	File - Risk in the city -- Approaches to the study of the environmental implications of contemporary urbanization / edited by Rodney White and Ian Burton. MAB technical notes 14 -- SPECIAL COLLECTIONS HT 149.5 A67 SC2336			
3.3.5	File - Vulnerability : ethnicity, race and vulnerability to disaster			
3.3.6	File - World Conference on Natural Disasters 2001, Kobe, 5-7 February 2001			
3.3.7	File - General/notes			

### Subseries 3.4: Risks and disasters in Canada : late twentieth century

#### File / item list

Ref code	Title	Dates	Access status	Container
3.4.1.1	File - Earthquakes			
3.4.1.2	File - Tsunami			
3.4.1.3.1	File - Canadian disaster inventories			
3.4.1.3.2	File - Federal Emergency Preparedness Inventory			
3.4.1.4.1	File - Floods -- articles			
3.4.1.4.2	File - Irrigation drainage and flood control in Canada / edited by Aly M. Shady, June 1989 -- SPECIAL COLLECTIONS TC 826 I77 SC2334			
3.4.1.5	File - Weather hazards			

3.4.1.6.1	File - Proceedings of a Tri-Lateral workshop on Natural Hazards / edited by David Etkin, 1995 -- SPECIAL COLLECTIONS GB 5011.115 T75 SC2064
3.4.1.6.2	File - Background information
3.4.1.7.1	File - Landslides -- articles
3.4.1.7.2	File - Landslides -- St. Jean Vianney disaster, Quebec, 20th April, 1972
3.4.1.8	File - Canadian meteorological milestones / compiled by Morley K. Thomas. Environment Canada
3.4.1.9	File - Tornadoes : emergency preparedness for the Waterloo Region District School Board / Cheryl Robertson, 2000
3.4.2	File - CNR hazard incidents inventory
3.4.3.1	File - Health hazards -- plagues
3.4.3.2	File - Health hazards -- Bovine spongiform encephalopathy and Cretuzfeldt-Jakob disease
3.4.3.3	File - Health effects of hazardous materials / Neal K. Ostler, Thomas E. Byrne, and Michael J. Malachowski. Prentice Hall's Environmental Technology Series, volume 3, 1996 -- SPECIAL COLLECTIONS RA 1211 O86 SC1982
3.4.3.4	File - Health hazards -- disease
3.4.3.5	File - Health hazards -- tobacco
3.4.3.6	File - Health hazards -- alcohol
3.4.3.7	File - Health hazards -- social hazards
3.4.3.8	File - Health hazards -- gambling
3.4.3.9	File - Health hazards -- tuberculosis
3.4.4.1	File - Transportation hazards -- airline accidents
3.4.4.2	File - Transportation hazards -- drinking and driving
3.4.4.3	File - Transportation hazards -- marine accidents
3.4.4.4	File - Transportation hazards -- vehicular safety
3.4.4.5	File - Transportation hazards -- annual traffic reports
3.4.4.6	File - Transportation hazards -- railway hazards
3.4.5.1	File - Environmental risks -- general
3.4.5.2	File - Environmental risks -- fishing industry
3.4.5.3	File - Environmental risks -- forest lands hazards
3.4.5.4	File - Environmental risks -- Unsafe drinking water



3.4.5.5	File - Environmental risks -- Mining and environmental damage
3.4.6.1	File - Technological hazards -- fires
3.4.6.2	File - Technological hazards -- toxic chemical hazards
3.4.6.3	File - Technological hazards -- nuclear safety
3.4.7.1	File - Atlantic Canada
3.4.7.2	File - British Columbia
3.4.7.3.1	File - Ontario
3.4.7.3.2	File - Ontario -- agriculture
3.4.7.3.3	File - Ontario -- Northern Ontario
3.4.8.1	File - First Nations -- articles
3.4.8.2	File - Communicating about contaminants in country food : the experience in Aboriginal communities, 1995 -- SPECIAL COLLECTIONS RA 601 C648 SC2335
3.4.9	File - Crime

### Subseries 3.5: Environmental change, abuse, degradation, and disasters

#### File / item list

Ref code	Title	Dates	Access status	Container
3.5.1.1	File - Desertification -- articles			
3.5.1.2	File - Climate and desertification : a component review for the United Nations Conference on Desertification 1977 / F. Kenneth Hare, 1976 -- SPECIAL COLLECTIONS GB 611 H37 SC2731			
3.5.1.3	File - Drought in Africa : report of the 1973 Symposium / edited by David Dalby and R.J. Harrison Church -- SPECIAL COLLECTIONS QC 929.28 A35S95 SC2618.2			
3.5.2	File - La jachere en Afrique tropicale / C. Floret, R. Pontanier, G. Serpantie, 1993 -- SPECIAL COLLECTIONS S 602.8 F567 SC4001.63			
3.5.3	File - Arctic pollution : Polar regions			
3.5.4	File - Articles			

### Subseries 3.6: Mountain region hazards and disasters

#### File / item list

Ref code	Title	Dates	Access status	Container
3.6.1.1	File - Natural hazards in Montane Regions -- maps			
3.6.1.2	File - Natural hazards in Montane Regions -- Himalayan Region, survey to 1995			
3.6.2.1	File - Risks from large dams -- articles			

3.6.2.2	File - Risks from large dams -- The Namada, India			
3.6.3	File - Aletsch Conference			
3.6.4	File - Hewitt notes			
<b>Subseries 3.7: Newspaper clippings</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.7	File - Newspaper clippings			
<b>Subseries 3.8: Conferences</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.8.1	File - Hemispheric Congress on Disaster Reduction and Sustainable Development. Proceedings, 1997			
3.8.2	File - Hazards Research and Applications Workshop, 1997			
<b>Subseries 3.9: Disasters and insurance</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.9.1	File - Articles			
3.9.2	File - Schaden spiegel : losses and loss prevention / Munich Reinsurance Company, 2003			
3.9.3	File - Perspectives : today's ideas for tomorrow's world : the simplified environmental statement of the Munich Reinsurance Company 2001 / Munich Reinsurance Company, 2002			
<b>Subseries 3.10: Disease hazards</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.10.1	File - articles			
3.10.2	File - Epidemics in history			
3.10.3	File - Sexually transmitted diseases (except HIV)			
3.10.4	File - AIDS/HIV			
3.10.5	File - Drugs (medicinal)			
3.10.6	File - Disability			
<b>Subseries 3.11: Technological hazards</b>				

<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.11.1	File - Articles			
3.11.2	File - Y2K			
3.11.3	File - Environnemental risks : toxic pollution			
3.11.4	File - Structural risk/disasters			
3.11.5	File - Bhopal			
3.11.6	File - Nuclear hazards			
3.11.7	File - Pesticides : chlorpyrifos case study			
3.11.8	File - Genetically modified foods			
3.11.9	File - Soft drinks			
3.11.10	File - Industrial explosions			
3.11.11	File - Aviation hazards/air crashes			
3.11.12	File - Exxon Valley file (oil spill)			
<b>Subseries 3.12: Drugs/illegal trafficking</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.12	File - Drugs/illegal trafficking			
<b>Subseries 3.13: Biological hazards</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.13.1	File - Articles			
3.13.2	File - Lyme disease			
3.13.3	File - Pests and weeds			
<b>Subseries 3.14: Foot and mouth disease</b>				
<b>File / item list</b>				
<b>Subseries 3.14: Foot and mouth disease</b>				
<b>File / item list</b>				
<b>Subseries 3.15: Disasters and human rights</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
3.15.1	File - articles			
3.15.2	File - Rights and hazards : women and children			
<b>Series 4: Armed violence/peace research : hazards of war and armed repression for civilian populations, settlements, and habitats</b>				

<u>Scope and content:</u>				
This series contains bibliographies, articles, and background information of armed violence and peace research.				
<b>File / item list</b>				
<b>Subseries 4.1: Conceptual and ethical issues of war and civil life</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
4.1.1	File - Articles			
4.1.2.1	File - War inventories and statistics, military expenditures -- articles			
4.1.2.2	File - War inventories and statistics, military expenditures -- bibliographies			
4.1.3.1	File - War and the city			
4.1.3.2	File - War and the city -- sieges and civilians			
4.1.4	File - Human rights, 'laws of war', tribunals			
4.15	File - Guatemala : tribunals, etc.			
4.16	File - Non-violence and peace proposals			
4.17	File - Peace keeping			
<b>Subseries 4.2: Air Power and Assaults on Human Settlements Project, 1911-2000</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
4.2.1.1	File - General background and miscellaneous early uses of bombing of settlements -- Wars and population/ B. Urlanis, 1971			
4.2.1.2	File - General background and miscellaneous early uses of bombing of settlements -- articles and notes			
4.2.1.3	File - General background and miscellaneous early uses of bombing of settlements -- Disaster through air power / Marshall Andrews, 1950			
4.2.1.4	File - General background and miscellaneous early uses of bombing of settlements -- Air defence / Major-General E.B. Ashmore, 1929			
4.2.1.5	File - General background and miscellaneous early uses of bombing of settlements -- Souvenirs de Pasiennes en temps de guerre / Mme Camille Clermont, 1918			

4.2.1.6.1	File - "Morale bombing" background -- Table of contents			
4.2.1.6.2	File - "Morale bombing" background -- Effects of bombing on morale of youth and education			
4.2.1.6.3	File - "Morale bombing" background -- Outline plan for full-out attacks on undefended towns in Germany, 1944			
4.2.1.6.4	File - "Morale bombing" background -- Contemplated plans for strategic bombings of Germany, including crop destruction and creating morale damage			
4.2.1.6.5	File - "Morale bombing" background -- Notes on operation "Razzel", crop and forest destruction			
4.2.1.6.6	File - "Morale bombing" background -- Incendiary raids on German cities and planning of incendiary attacks			
4.2.1.7	File - Italian air power			
4.2.1.8	File - The defence of the United Kingdom / Basil Collier, 1957			
4.2.1.9	File - The army air forces in World War II : volume I : plans and early operation, January 1939 to August 1942 / edited by Wesley Frank Craven and James Lea Cate, 1983			
4.2.1.10	File - The war in the air : being the story of the part played in the Great War by the Royal Air Force, vol. 5 / H.A. Jones, 1935. Includes vol. 3 maps, and vol. 5 maps			
4.2.1.11	File - First World War maps and diagrams			
4.2.1.12	File - The Paris gun : the bombardment of Paris by the German long range guns and the great German offensives of 1918 / Henry W. Miller. Excerpt.			
4.2.1.13	File - V-2 / Walter Dornberger. Translated by James Cleugh and Geoffrey Halliday, 1958			
4.2.1.14	File - Anti-aircraft : a history of defence / Ian V. Hogg, 1978			
4.2.1.15	File - War on great cities : a study of the facts / Frank Morison			
4.2.1.16	File - The revolution in warfare / B.H. Liddell Hart, 1947			
4.2.1.17	File - World War I raids			
<b>Subseries 4.3: World War II</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
4.3.1.1.1	File - USSBS reports -- The National Archives of the United States : microfilm			

	publication rolls foreign. M1013 Roll 4, 6-11, 13-17, 19, 21, 22
4.3.1.1.2	File - USSBS reports -- WWII bombing project : Index to records
4.3.1.1.3	File - USSBS reports -- Articles
4.3.1.1.4	File - USSBS reports -- Biblio Archives index
4.3.1.1.5	File - USSBS reports -- Public Record Office, UK
4.3.1.1.6.1	File - US strategic bombing survey, Germany and Japan -- archival
4.3.1.1.6.2	File - Records of the United States strategic bombing survey : inventory of record group 243 / compiled by Marilla B. Guptil and John Mendelson. National Archives Record Service, Washington, 1973 -- SPECIAL COLLECTIONS CD 3022 A2G86 SC2153
4.3.1.1.6.3	File - A guide to the reports of the United States strategic bombing survey / Gordon Daniels. Royal Historical Society guides and handbooks 12
4.3.1.1.7	File - National archives : bombed allies maps (negative)
4.3.1.1.8	File - U.S. Office of Strategic Services and Coordinator of Information
4.3.1.2	File - Background information
4.3.1.3	File - WLU World War II air photo collection : a preliminary inventory / Janice Duggan and Terry Copp, 1987 -- SPECIAL COLLECTIONS D 743.22 D84 SC3006
4.3.2.1.1	File - German cities -- general
4.3.2.1.2	File - The United States strategic bombing survey : summary report (European War), September 30, 1945
4.3.2.1.3	File - The United States strategic bombing survey : over-all report (European War), September 30, 1945
4.3.2.1.4	File - German cities -- Industrial health
4.3.2.1.5	File - German cities -- Vital statistics
4.3.2.1.6	File - The effect on bombing on health and medical care in Germany / The United States Strategic Bombing Survey, 1947
4.3.2.1.7	File - Strategic bombing, The Times, 5 July 1945
4.3.2.1.8	File - The social and political effects of air raids on the German people : a preliminary survey / Office of Strategic Services, 1944
4.3.2.1.8.1	File - The effects of British air attacks in force on German targets during the period 4th July to 30th September, 1943 / Ministry of Home Security

4.3.2.1.9	File - Casualties by kreise (districts) : East Prussia and Selesia / Reichs Statistisches Amt.
4.3.2.1.10	File - Morale reports from Koblenz
4.3.2.1.11	File - Tonnage of bombs dropped on German cities; Research on attacks (efficiency); Bomb definitions; Damage maps
4.3.2.1.12	File - Comments of casualty : bombed out data, Germany-Austria
4.3.2.1.13	File - Personal injuries due to air raids
4.3.2.1.14	File - Rise and fall of German war economy, 1939-1945 / Dr. Rolf Wagenfuehr
4.3.2.1.15	File - Effect of air war against war economy
4.3.2.1.16	File - Central industrial region of Germany / Office of Strategic Services, 1944
4.3.2.1.17	File - Der Luftkrieg uber Deutschland / Franz Kurowski
4.3.2.1.18	File - Bombing experience and old age
4.3.2.1.19	File - Building material management by the organization Todt
4.3.2.1.20	File - Rationing of building materials and utilization of building materials / memorandum prepared by Walter Fey, construction statistician of the Planungsamt, 1945
4.3.2.1.21	File - Report about the providing of food and food within the years 1932 to 1939 and 1939 to 1945
4.3.2.1.22	File - Main foodstuff statistics
4.3.2.1.23	File - Emergency feeding after air raids in Germany
4.3.2.1.24	File - Interview with officials / U.S. Strategic Bombing Survey
4.3.2.1.25	File - Fixation of value of household furniture
4.3.2.1.26	File - Summary : analysis of captured German civilian mail
4.3.2.1.27	File - Woman's place in Germany / Alice Hamilton, 1964
4.3.2.1.28	File - Observations on the breakdown of the Reich in political and moral regards, 1945
4.3.2.1.29	File - Religion and church
4.3.2.1.30	File - German civil defence
4.3.2.1.31	File - Zerstorung und Wiederaufbau Deutscher Stadte / Sigrid Muller
4.3.2.1.32	File - Die Baudenkmaler in Nord- Rheinland : kriegsschaden und wiederaufbau / Bearbeitet von Heinz Peters, 1951

4.3.2.1.33	File - Reichsminister Speer uber Wiederaufbauplanung der deutschen Stadte, 1943
4.3.2.2.1	File - German cities -- general
4.3.2.2.2	File - German cities -- Tables
4.3.2.2.3	File - German cities -- Kriegstagebuch
4.3.2.2.4	File - German cities -- Mortality rates and bombing vital statistics (USSBS 65b 24)
4.3.2.2.5	File - German cities -- Mortality rates from infant mortality for 49 bombing attacks on 14 cities (USSBS 65c 4)
4.3.2.3.1	File - Aachen
4.3.2.3.2	File - Augsburg
4.3.2.3.3	File - Bamberg
4.3.2.3.4	File - Braunschweig
4.3.2.3.5	File - Berlin
4.3.2.3.6	File - Bonn
4.3.2.3.7	File - Bochum
4.3.2.3.8	File - Bottrup
4.3.2.3.9	File - Bremen
4.3.2.3.10	File - Bremerhaven-Wesermunde
4.3.2.3.11	File - Bruchsal
4.3.2.3.12	File - Darmstadt
4.3.2.3.13	File - Dortmund
4.3.2.3.14	File - Dresden
4.3.2.3.15	File - Duisburg
4.3.2.3.16	File - Dusseldorf
4.3.2.3.17	File - Enns
4.3.2.3.18	File - Essen
4.3.2.3.19	File - Frankfurt
4.3.2.3.20	File - Freiburg-i-B.
4.3.2.3.21	File - Giessen
4.3.2.3.22	File - Halberstadt
4.3.2.3.23	File - Hamburg
4.3.2.3.24	File - Hamm
4.3.2.3.25	File - Hannover
4.3.2.3.26	File - Heilbronn
4.3.2.3.27	File - Karlsruhe
4.3.2.3.28	File - Kassel
4.3.2.3.29	File - Kiel
4.3.2.3.30	File - Koblenz
4.3.2.3.31	File - Koln
4.3.2.3.32	File - Krefeld
4.3.2.3.33	File - Leipzig
4.3.2.3.34	File - Lübeck
4.3.2.3.35	File - Lüdenscheid
4.3.2.3.26	File - Madgeburg
4.3.2.3.27	File - Mainz
4.3.2.3.28	File - Mannheim
4.3.2.3.29	File - Monchen-Gladbach
4.3.2.3.40	File - Mülheim
4.3.2.3.41	File - Munchen (Munich)
4.3.2.3.42	File - Munster



4.3.2.3.43	File - Neumünster
4.3.2.3.44	File - Nordhausen
4.3.2.3.45	File - Nurnberg
4.3.2.3.46	File - Pforzheim
4.3.2.3.47	File - Remscheid
4.3.2.3.48	File - Schweinfurt
4.3.2.3.49	File - Solingen
4.3.2.3.50	File - Stuttgart
4.3.2.3.51	File - Ulm
4.3.2.3.52	File - Wetzlar
4.3.2.3.53	File - Witten
4.3.2.3.54	File - Wuppertal
4.3.2.3.55	File - Würzburg
4.3.2.4	File - Post-war, 'Stunde Nul', reconstruction
4.3.2.5	File - Germany - maps
4.3.2.6	File - Evacuation and evacuees
4.3.2.7	File - Civil defense measures
4.3.3.1	File - Japanese cities -- articles
4.3.3.2	File - Japanese cities -- statistics, etc.
4.3.3.3	File - Japanese cities -- Tokyo
4.3.3.4	File - Japanese cities -- background material
4.3.4.1	File - British cities -- articles
4.3.4.2.1	File - British cities -- notes, statistics
4.3.4.2.2	File - British cities -- Reports on morale
4.3.4.2.3	File - British cities -- Working women : domestic problems
4.3.4.2.4	File - British cities -- Responsibility for care of deprived children
4.3.4.2.5	File - British cities -- Building damage : standards
4.3.4.2.6	File - British cities -- Building damage by H.E. weapons
4.3.4.2.7	File - British cities -- V weapons : damage to timber
4.3.4.2.8	File - British cities -- Number of bombs on Great Britain
4.3.4.2.9	File - British cities -- Comparison of numbers of casualties caused by German bombs of different size
4.3.4.2.10	File - British cities -- Civilian casualties
4.3.4.2.11	File - British cities -- Evacuation and evacuees
4.3.4.2.12	File - British cities -- Public Record Office : Notes on enemy air action against ground targets in the British Isles up to 1st January, 1941
4.3.4.2.13	File - British cities -- Public Record Office : Fire Control Room : weekly summary, week ending Saturday 14th September, 1940
4.3.4.2.14	File - British cities -- Civil and air raid defence : Air raid defence : official

	publication of the air raid defence league, incorporating the National Association of Air Raid Wardens
4.3.4.3.1	File - British cities -- Aberdeen
4.3.4.3.2	File - British cities -- Bath
4.3.4.3.3	File - British cities -- Belfast
4.3.4.3.4	File - British cities -- Birmingham
4.3.4.3.5	File - British cities -- Bootle
4.3.4.3.6	File - British cities -- Bristol
4.3.4.3.7	File - British cities -- Canterbury
4.3.4.3.8	File - British cities -- Clydeside
4.3.4.3.9	File - British cities -- Coventry
4.3.4.3.10	File - British cities -- Exeter
4.3.4.3.11	File - British cities -- Hull
4.3.4.3.12	File - British cities -- Liverpool/ Merseyside
4.3.4.3.13	File - British cities -- London
4.3.4.3.14	File - British cities -- Manchester
4.3.4.3.15	File - British cities -- Norwich
4.3.4.3.16	File - British cities -- Plymouth
4.3.4.3.17	File - British cities -- Portsmouth
4.3.4.3.18	File - British cities -- Sheffield
4.3.4.3.19	File - British cities -- Southampton
4.3.4.3.20	File - British cities -- Swansea
4.3.4.3.21	File - British cities -- York
4.3.4.4	File - The Blitz /Constantine Fitzgibbon, 1970
4.3.5.1	File - Cities in other regions affected by WW II bombing -- general
4.3.5.2.1	File - Cities in other regions affected by WW II bombing -- Italy
4.3.5.2.2	File - Obiettivo : Italia / Giorgio Bonacina, 1970
4.3.5.3	File - Cities in other regions affected by WW II bombing -- Holland
4.3.6.1	File - Environmental warfare and wars on environment -- Articles and bibliographies
4.3.6.2	File - Environmental warfare and wars on environment -- Nuclear war and environment/ "nuclear winter"
4.3.6.3.1	File - Environmental aftermaths and remnants of war -- General statistics and articles
4.3.6.3.2	File - Environmental aftermaths and remnants of war -- Forests, grasslands and war
4.3.6.3.3	File - Environmental aftermaths and remnants of war -- Ocean, island, coastal ecosystem
4.3.6.3.4	File - Environmental aftermaths and remnants of war -- War and outer space
4.3.6.4.1	File - Battle of the Atlantic and marine impacts project -- Notes

4.3.6.4.2	File - Battle of the Atlantic and marine impacts project -- War and ecosystem, war at sea
4.3.6.4.3	File - Battle of the Atlantic and marine impacts project -- Convoys
4.3.6.4.4	File - Battle of the Atlantic and marine impacts project -- Merchant
4.3.6.4.5	File - Battle of the Atlantic and marine impacts project -- German warship losses, 1939-1945 German & Japanese U-boats sunk
4.3.6.4.6	File - Battle of the Atlantic and marine impacts project -- Nominal list of British Commonwealth major warship losses, 3rd Sept. 1939-15th Aug. 1945
4.3.6.4.7	File - Battle of the Atlantic and marine impacts project -- British fishing vessels lost by enemy action
4.3.6.4.8	File - Battle of the Atlantic and marine impacts project -- Foreign fishing vessels lost by enemy action
4.3.6.4.9	File - Battle of the Atlantic and marine impacts project -- Statistics on Arctic convoys
4.3.6.4.10	File - Battle of the Atlantic and marine impacts project -- British merchant vessels lost by enemy action
4.3.6.4.11	File - Battle of the Atlantic and marine impacts project -- Vessels, tonnages, etc. sunk --Enemy merchant vessels lost in home theatre
4.3.6.5.1	File - Destruction of habitat -- articles

#### **Subseries 4.4: Forced displacement, refugees, and war**

##### **File / item list**

Ref code	Title	Dates	Access status	Container
4.4.1	File - Articles, inventories			
4.4.2	File - Les Russes arrivent : la plus grande migration des temp modernes / Bernard George, 1966			
4.4.3	File - [number not used]			
4.4.4	File - [number not used]			
4.4.5	File - Indigenous/"Fourth World" peoples			
4.4.6	File - RKFDV : German resettlement and population policy 1939-1945 : a history of the Reich Commission for the strengthening of Germandom / Robert L. Koehl, 1957			
4.4.7	File - The partition of India - India/Pakistan/Kashmir/Sri Lanka			
4.4.8	File - Refugees and environmental impacts			

**Subseries 4.5: Gender, age, ethnicity, etc. and war victims****File / item list**

Ref code	Title	Dates	Access status	Container
4.5.1	File - Gender articles			
4.5.2	File - Children and war			
4.5.3	File - Women and war			

**Subseries 4.6: Wars : post-1945 impacts on civilians, settlements, habitats, human rights****File / item list**

Ref code	Title	Dates	Access status	Container
4.6.1.1	File - General and global -- articles			
4.6.1.2	File - General and global -- statistics and chronologies			
4.6.1.3	File - General and global -- arms trade and "Third world."			
4.6.2.1	File - Individual conflicts -- general			
4.6.3.1.1	File - Regions and countries -- Latin America -- general			
4.6.3.1.2	File - Regions and countries -- Latin America -- Argentina			
4.6.3.1.3	File - Regions and countries -- Latin America -- Bolivia			
4.6.3.1.4	File - Regions and countries -- Latin America -- Brazil			
4.6.3.1.5	File - Regions and countries -- Latin America -- Columbia			
4.6.3.1.6	File - Regions and countries -- Latin America -- El Salvador			
4.6.3.1.7	File - Regions and countries -- Latin America -- Guatemala			
4.6.3.1.8	File - Regions and countries -- Latin America -- Haiti			
4.6.3.1.9	File - Regions and countries -- Latin America -- Honduras			
4.6.3.1.10	File - Regions and countries -- Latin America -- Mexico			
4.6.3.1.11	File - Regions and countries -- Latin America -- Nicaragagua			
4.6.3.1.12	File - Regions and countries -- Latin America -- Peru			
4.6.3.1.13	File - Regions and countries -- Latin America -- Uruguay			
4.6.3.1.14	File - Regions and countries -- Latin America -- West Indies			
4.6.3.2.1	File - Africa -- Angola			
4.6.3.2.2	File - Africa -- Congo			
4.6.3.2.3	File - Africa -- Ethiopia/Eritrea			
4.6.3.2.4	File - Africa -- Great Lakes Region			

4.6.3.2.5	File - Africa -- Liberia
4.6.3.2.6	File - Africa -- Madagascar
4.6.3.2.7	File - Africa -- Mozambique
4.6.3.2.8	File - Africa -- Namibia
4.6.3.2.9	File - Africa -- Nigeria (including Biafra)
4.6.3.2.10	File - Africa -- Rwanda
4.6.3.2.12	File - Africa - Sierra Leone - Forgotten children of war : Sierra Leonean refugee children in Guinea. Human rights Watch, Vol. 11, no. 5a, July 1999 -- SPECIAL COLLECTIONS HQ 792 S5R34 SC5273
4.6.3.2.13	File - Africa -- Sudan
4.6.3.2.14	File - Africa -- Uganda
4.6.3.2.15	File - Africa -- Western Sahara
4.6.3.3.1	File - Regions and Countries -- Middle East -- Iran
4.6.3.3.2	File - Regions and Countries -- Middle East -- Iraq / Gulf War, 1991
4.6.3.3.3	File - Regions and Countries -- Middle East -- Isreal / Palestine
4.6.3.3.4	File - Regions and Countries -- Middle East -- Lebanon
4.6.3.3.5	File - Regions and Countries -- Middle East -- Oman
4.6.3.3.6	File - Regions and Countries -- Middle East -- Turkey
4.6.3.4.1	File - Regions and countries -- Europe -- states
4.6.3.4.2	File - Regions and Countries -- Europe -- Former Yugoslavia : Serbia, Croatia, Bosnia, Kosova
4.6.3.4.3	File - Regions and Countries -- Europe -- Northern Ireland
4.6.3.5.1	File - Regions and Countries -- Asia : southeast and central -- Afghanistan
4.6.3.5.2	File - Regions and Countries -- Asia : southeast and central -- Bangladesh
4.6.3.5.3	File - Regions and Countries -- Asia : southeast and central -- East Timor
4.6.3.5.4	File - Regions and Countries -- Asia : southeast and central -- Kampuchea
4.6.3.5.5	File - Regions and Countries -- Asia : southeast and central -- India (excluding Kashmir)
4.6.3.5.6	File - Regions and Countries -- Asia : southeast and central -- Kashmir
4.6.3.5.7	File - Regions and Countries -- Asia : southeast and central -- Korea
4.6.3.5.8	File - Regions and Countries -- Asia : southeast and central -- Laos
4.6.3.5.9	File - Regions and Countries -- Asia : southeast and central -- Myanmar
4.6.3.5.10	File - Regions and Countries -- Asia : southeast and central -- Pakistan

4.6.3.5.11	File - Regions and Countries -- Asia : southeast and central -- Philippines
4.6.3.5.12	File - Regions and Countries -- Asia : southeast and central -- Sri Lanka
4.6.3.5.13	File - Regions and Countries -- Asia : southeast and central -- Tibet
4.6.3.5.14	File - Regions and Countries -- Asia : southeast and central -- Vietnam
4.6.3.6	File - Russian Federation and former USSR
4.6.3.7	File - War and ocean islands
4.6.4.1	File - Human rights abuses and issues : 1945-present -- Statistics and overview articles
4.6.4.2	File - Human rights abuses and issues : 1945-present -- Against children

### **Subseries 4.7: Nuclear war (hazards for civilians, settlements and habitats)**

#### **File / item list**

Ref code	Title	Dates	Access status	Container
4.7.1	File - General articles			
4.7.2	File - Nuclear winter			
4.7.3	File - Indian-Pakistan			
4.7.4	File - Nuclear bomb testing : habitats and people			
4.7.5	File - Depleted uranium			

### **Subseries 4.8: Chemical and biological war**

#### **File / item list**

Ref code	Title	Dates	Access status	Container
4.8.1	File - General articles			

### **Subseries 4.9: War, armed repression and peoples' health**

#### **File / item list**

Ref code	Title	Dates	Access status	Container
4.9.1	File - Articles			
4.9.2	File - War, refugees and famine			
4.9.3.1	File - Food as a weapon -- articles			
4.9.3.2	File - Family life in Germany under the blockade / compiled by Lina Richter from reports from doctors, school nurses, children's judges and teachers, 1919			
4.9.3.3	File - Food as a weapon -- Wartime famine in occupied Holland, 1944-1945			
4.9.4	File - Small arms and contemporary conflicts			
4.9.5	File - Anti-personnel weapons			
4.9.6	File - Incendiary weapons			

4.9.7	File - Landmines			
4.9.8	File - Tourism and armed violence			
4.9.9	File - Torture			
<b>Subseries 4.10: Genocide</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
4.10.1	File - The Holocaust			
<b>Subseries 4.11: Reconstruction after wars</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
4.11.1	File - After WWII			
<b>Subseries 4.12: 'Oral geographies' of war project (testimony of civilian victims)</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
4.12.1	File - General background and articles			
4.12.2.1	File - Interviews of bombing victims. USSBS Morale Division -- Report on progress : the moral decision			
4.12.2.2	File - Interviews of bombing victims. USSBS Morale Division -- Selected responses			
4.12.2.3	File - Interviews of bombing victims. USSBS Morale Division -- Surveys : Karlsruhe			
4.12.2.4	File - Interviews of bombing victims. USSBS Morale Division -- Surveys : Ulm			
4.12.2.5	File - Interviews of bombing victims. USSBS Morale Division -- Surveys : Bottrop			
4.12.2.6	File - Interviews of bombing victims. USSBS Morale Division -- Surveys : Dortmund			
4.12.2.7	File - Interviews of bombing victims. USSBS Morale Division -- Surveys : Frankfurt			
4.12.2.8	File - Interviews of bombing victims. USSBS Morale Division -- Surveys : Hamburg			
4.12.2.9	File - Interviews of bombing victims. USSBS Morale Division -- Surveys : Hannover			
<b>Subseries 4.13: Concentration camps, 'Gulags' (ex holocaust)</b>				

<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
4.13	File - Concentration camps, 'Gulags' (ex holocaust)			
<b>Subseries 4.14: Terrorism</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
4.14.1	File - Terrorism -- articles			
4.14.2	File - Terrorism -- 9/11			
<b>Series 5: Geomorphology</b>				
<u>Scope and content:</u>				
This series contains surveys and projects of geomorphology.				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
5.1.1	File - History of geomorphology from James Hutton to John Hack, 19th annual "Binghamton" Symposium, Program and Abstracts, 1988			
5.2.1	File - Canadian Rocky mountains research (NSERC funded) 1968-1972 -- Canada (B.C., Alberta) biophysical			
5.2.2.1	File - Surveys : Nigel Creek and Robson Glacier -- Maps and photographs			
5.2.2.2	File - Surveys : Nigel Creek and Robson Glacier -- Correspondence and notes			
5.2.2.3	File - Surveys : Nigel Creek and Robson Glacier -- Snow data			
5.2.2.4	File - Surveys : Nigel Creek and Robson Glacier -- Sample data			
5.3.1	File - Karakoram glaciers and glacial geomorphology			
5.4.1.1	File - Elora Gorge landscapes project -- Silurian rocks, paleogeography geography and paleontology (fossils)			
5.4.1.2.1	File - Quaternary, includes glaciations in South Central Ontario			
5.4.1.2.2	File - Quaternary geology of the Orangeville area, Southern Ontario / W.R. Cowan. Ontario. Ministry of Natural Resources, 1976 -- SPECIAL COLLECTIONS QE 696 C69 SC2932			
5.4.1.3	File - Geomorphology of South Central Ontario : a field excursion guidebook : Third International Geomorphology Conference, McMaster University, Hamilton, Ontario, Canada / prepared by			



	Kenneth Hewitt et al., August 24, 1993 -- SPECIAL COLLECTIONS GB 428.5 C2G46 SC2931
5.5.1.1	File - Landslides, cliff development and cuesta morphology of Niagara Escarpment : report of activities and findings, 1995 / Kenneth Hewitt , Houston Saunderson, David Hintz. 1995 -- SPECIAL COLLECTIONS GB 428.5 C2H49 SC2930
5.5.1.2	File - Leading Edge '97 : the edge & the point : Niagara Escarpment & Long Point world biosphere reserves : conference proceedings, October 16th-18th, 1997, Holiday Inn, Burlington, Ontario, Canada / edited by Stephen Carty et al., 1997 -- SPECIAL COLLECTIONS QH77.C2 L43 1997 SC925

### Series 6: Geography : theory and profession

Scope and content:

This series contains papers, articles, and general information of geography.

#### File / item list

Ref code	Title	Dates	Access status	Container
6.1	File - Method problems			
6.2	File - Environmental science : general			
6.3	File - Determinism			
6.4	File - Innovation in modern and other societies			
6.5	File - Adaptation : papers			
6.6.1	File - Language and symbols -- articles			
6.6.2	File - Language and symbols -- Hewitt notes			
6.7	File - Trade, exchange, location			
6.8	File - Senses, perception			
6.9	File - Bayerische Staatsbibliothek records			

### Series 7: Snow and Ice Hydrology Project - office files

Date: 1918-2011 (date of creation)

Scope and content:

This series contains office files of the Snow and Ice Hydrology Project (SIHP). Includes project notes, press releases and reports.

Physical description: 78 cm of textual records

Access points:

- Textual record (documentary form)

<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
7.1	File - Work Schedule, Summer 1986	1986		S579 Box 1
7.2	File - Project Notes 1985	1985		S579 Box 1
7.3	File - Address Lists			S579 Box 1
7.4	File - SIHP-Business Cards			S579 Box 1
7.5	File - Snow & Ice Project Address Sheets	1985		S579 Box 1
7.6	File - Passport Data -1986 SIHP Personnel	1986		S579 Box 1
7.7	File - Airfare and VISA Information			S579 Box 1
7.8	File - VISA Application Form	1987		S579 Box 1
7.9	File - Brenda's file			S579 Box 1
7.10	File - SIHP-Brochure & Postcards			S579 Box 1
7.11	File - Printing Information (WLU)			S579 Box 1
7.12	File - Press Releases & News	1985		S579 Box 1
7.13	File - Project Development - PCII Proforma	1980		S579 Box 1
7.14	File - Project Development - PCII Proforma 1984	1984		S579 Box 1
7.15	File - Project Development - Post - Doctoral Fellowships - Project Summary - IDRC			S579 Box 1
7.16	File - Project Development - Project Summary - Comprehensive (WLU) 4 & 9/83	1983		S579 Box 6
7.17	File - Project Development - Project Summary - Brief (WLU)			S579 Box 2
7.18	File - Project Development - Memorandum of Agreement			S579 Box 2
7.19	File - Project Development - Memorandum of Agreement			S579 Box 2
7.20	File - Project Development - CIDA Project Identification Mission Report	1987		S579 Box 2
7.21	File - Project Development - MAPS / RGS			S579 Box 2
7.22	File - Project Papers - de Scally, Fes, Betty Rozendaal, Eric Mattson (1984)	1984		S579 Box 2
7.23	File - Project Papers - Barpu Basin Data, Interim Report - SIHP (MAC DONALD)	1986		S579 Box 2
7.24	File - Project Papers - UIB: Preliminary Cartographic, Remote sensing & Documenting Work			S579 Box 2
7.25	File - Project Papers - Meteorological Data Tables			S579 Box 2
7.26	File - Project Papers - Biafo Hispar - Snow Stratigraphy 1985	1985		S579 Box 2
7.27	File - Project Papers - Young, G.J. "Planning for UNESCO IHP IV 1990-1995: The role of snow and ice in the global water cycle			S579 Box 2
7.28	File - Project Papers - Synoptic Report - Field Season 1985 - Copies	1985		S579 Box 2

7.29	File - Project Papers - Jones - Workshop 1985 (Samples of Snow and Ice)	1985	S579 Box 2
7.30	File - Project Papers - Jones - Workshop 1985 (Snow Chemistry Techniques)	1985	S579 Box 2
7.31	File - Project Papers - Jones - Workshop 1985 (Medical Hazards)	1985	S579 Box 2
7.32	File - Project Papers - Jones - Workshop 1985 (Ice Thickness)	1985	S579 Box 2
7.33	File - Project Papers -Wake, Cameron (1986) Snow Accumulation Studies in the Central Karakoram	1986	S579 Box 2
7.34	File - Project Papers - WAKE - Workshops 1985 (Mass Balance)	1985	S579 Box 2
7.35	File - Project Papers - de Scally - Workshop 1985 (Review of Snowmelt)	1985	S579 Box 2
7.36	File - Project Papers - de Scally - Workshop 1985 (Avalanche Hazard in Mountain Travel)	1985	S579 Box 2
7.37	File - Project Papers - The Bualtar Rock Avalanches Paper by Dr. Hewitt 1986/87	1986/87	S579 Box 2
7.38	File - Project Papers - BELL, IAN (Correspondence) 1987	1987	S579 Box 2
7.39	File - Project Papers - Bower, Lisa M. 1987	1987	S579 Box 2
7.40	File - Project Papers - Butz, David (General Correspondence) 1985/1986	1985/1986	S579 Box 2
7.41	File - Project Papers - Canadian Embassy - Pakistan 1986	1986	S579 Box 2
7.42	File - Project Papers - CIDA - Simon Williams 1986	1986	S579 Box 2
7.43	File - Project Papers - Draft of Paper - SIHP Working Paper No. 1		S579 Box 2
7.44	File - Project Papers - Claude David - Effects of Debris on Surface Density and Ablation: Biafo Glacier, 1986	1986	S579 Box 2
7.45	File - Project Papers - UBC Watershed Model - Programs and Documentation, 1987	1987	S579 Box 6
7.46	File - Project Papers - Panalpina Inc. (Shipping) 1985	1985	S579 Box 6
7.47	File - Project Papers - Panalpina Inc. (Shipping) 1986	1986	S579 Box 3
7.48	File - Project Papers - Customs Information 1985	1985	S579 Box 3
7.49	File - Project Papers - Import Permits 1988	1988	S579 Box 3
7.50	File - Travel/ Customs/ Insurance - Finlay Travel 1985	1985	S579 Box 3
7.51	File - Travel/ Customs/ Insurance - Finlay Travel Limited Invoices 1986	1986	S579 Box 3
7.52	File - Travel/ Customs/ Insurance - Computing Information (WLU)		S579 Box 3
7.53	File - Reports - UIB: Background Information. 1981	1981	S579 Box 3

7.54	File - Reports - Forms: Data Sheets for Canadian Glacier Inventory		S579 Box 3
7.55	File - Reports - Geographic Information System - Preliminary Work - C. Wake		S579 Box 3
7.56	File - Reports - Annual Report - Draft - 1985	1985	S579 Box 3
7.57	File - Reports - Summary of Verification Criteria		S579 Box 3
7.58	File - Reports - Rough Draft - 1986 Report	1986	S579 Box 3
7.59	File - Reports - Rough Draft Report - 1986	1986	S579 Box 3
7.60	File - Reports - Rough Draft - Field Season Synoptic Report -1985	1985	S579 Box 3
7.61	File - Shipping - British Airways 1985	1985	S579 Box 3
7.62	File - Shipping - UNDP/WHO Project Report 1982	1982	S579 Box 3
7.63	File - Shipping - Brytor International 1985	1985	S579 Box 3
7.64	File - Shipping - Certificate of Donation - 1986		S579 Box 3
7.65	File - Shipping - Equipment Supplies - 1985	1985	S579 Box 3
7.66	File - Shipping - Certificate of Donation - 1985	1985	S579 Box 3
7.67	File - Shipping - Proforma Invoices 1985	1985	S579 Box 6
7.68	File - Shipping - Proforma Invoices (1985 - 3 Shipments)	1985	S579 Box 6
7.69	File - Shipping - Proforma Invoices - February 1986	1986	S579 Box 4
7.70	File - Shipping - Proforma Invoices 1987	1987	S579 Box 4
7.71	File - Equipment Materials - Sonya	1988	S579 Box 4
7.72	File - Equipment Materials - Equipment Loan/Rental	1985	S579 Box 4
7.73	File - Equipment Materials - Gilgit - WAPDA Stores		S579 Box 4
7.74	File - Equipment Materials - Bit Braces & Drills		S579 Box 4
7.75	File - Equipment Materials - Camera Timer		S579 Box 4
7.76	File - Equipment Materials - AES - Data Logger Intercomparisons	1987	S579 Box 4
7.77	File - Equipment Materials - ECOBUG - Programs on Epson	1986	S579 Box 4
7.78	File - Equipment Materials - Campbell Scientific		S579 Box 4
7.79	File - Equipment Materials - Meteorological & Stake Data sheets (empty)		S579 Box 4
7.80	File - Equipment Materials - ECOBUG - Transfer Data	1986	S579 Box 4
7.81	File - Equipment Materials - ECOBUG - SPSSX Information	1985	S579 Box 4

7.82	File - Equipment Materials - Electronic Snow Depth Gauges		S579 Box 4
7.83	File - Equipment Materials - Endicott	1986	S579 Box 4
7.84	File - Equipment Materials - Grant Squirrel Meter/Loggers	1985	S579 Box 4
7.85	File - Equipment Materials - Medical Supplies 1988	1988	S579 Box 4
7.86	File - Equipment Materials - IBM Selectric III - 10945		S579 Box 4
7.87	File - Equipment Materials - Monopulse Radar System		S579 Box 4
7.88	File - Equipment Materials - Terrascience Systems Ltd.		S579 Box 4
7.89	File - Equipment Materials - Obsermet - Feb 1989	1989	S579 Box 4
7.90	File - Equipment Materials - Realistic Walkie-Talkie - Manual		S579 Box 4
7.91	File - Equipment Materials - Terrascience -TERRA 800 - Intelligent Field Data Acquisition System		S579 Box 4
7.92	File - Equipment Materials - Wild Leitz Canada - Wild Reflector Equipment for Distomats, Tachymats and Citations (Willowdale, ON)		S579 Box 4
7.93	File - Equipment Materials - Warranty Cards		S579 Box 4
7.94	File - Equipment Materials - Film Suppliers	1986	S579 Box 4
7.95	File - Equipment Materials - Canadian Forestry Equipment Ltd. (Toronto, ON) (Snow Density Gage)	1985	S579 Box 4
7.96	File - Equipment Materials - Anemometer Instruction Mannual Field copy (de Scally)		S579 Box 4
7.97	File - Equipment Materials - Operating Manual for 1-5 MHz Monopulse Radar ( Clarke, Garry K.C.	1977	S579 Box 4
7.98	File - Equipment Materials - Monopulse Radar System, Operating Instruction (Ken MacDonald)	1986	S579 Box 4
7.99	File - Equipment Materials - Radio Echo Sounder (Operational and Interpretation Manual )	1988	S579 Box 4
7.100	File - Equipment Materials - Miniature Net Radiometer Instructions - Field Copy (de Scally)		S579 Box 4
7.101	File - Equipment Materials - Hardee Freeze Dry Foods Information	1985	S579 Box 4
7.102	File - Equipment Materials - HIOKI General Catalogue		S579 Box 4
7.103	File - Equipment Materials - Keuffel & Esser Canada, Inc. (Theodolite)		S579 Box 4
7.104	File - Equipment Materials - Life-Link International Inc. (Avalanches safety tips)		S579 Box 4

7.105	File - Equipment Materials - Limnoterra	1986	S579 Box 6
7.106	File - Equipment Materials - Oscilloscope Instruction Manual (Tektronix) 1973	1973	S579 Box 5
7.107	File - Equipment Materials - PETZL- Technical Information		S579 Box 5
7.108	File - Equipment Materials - Pico Corer - Lightweight Coring (Instruments and Methods)	1984	S579 Box 5
7.109	File - Equipment Materials - Omega Pressure Transducer		S579 Box 5
7.110	File - Equipment Materials - Pyranometer		S579 Box 5
7.111	File - Equipment Materials - Honda Generator Manual	1985	S579 Box 5
7.112	File - Equipment Materials - O.T. Coleman Equipment Limited	1985	S579 Box 5
7.113	File - Equipment Materials - Suter Instruments		S579 Box 5
7.114	File - Equipment Materials - Thermistor and RH Probe (Users Manual)	1982	S579 Box 5
7.115	File - Equipment Materials - Theromohydrograph T9420 instructions Field Copy (de Scally)		S579 Box 5
7.116	File - Equipment Materials - Walkie- Talkies M-PD Catalogue		S579 Box 5
7.117	File - Equipment Materials - Wild P32 Terrestrial Camera Instruction Manual		S579 Box 5
7.118	File - Equipment Materials - Wild T2 Instructions for Use (Universal Theodolite with Automatic Index)		S579 Box 5
7.119	File - Equipment Materials - Oscilloscope (221) Instruction Manual (Tektronix) 1983	1983	S579 Box 5
7.120	File - Equipment Materials - Miscellaneous (Equipment)		S579 Box 5
7.121	File - Equipment Materials - Radar Notes		S579 Box 5
7.122	File - Equipment Materials - Monopulse Radar - Scientific Test Results	1988	S579 Box 5
7.123	File - Equipment Materials - Equipment Catalogs - Gears		S579 Box 5
7.124	File - Equipment Materials - Equipment Lists/Inventories -Field Season 1985	1985	S579 Box 5
7.125	File - Equipment Materials - Mountain Equipment Co-op Adventure guide (Vancouver, Toronto)		S579 Box 5
7.126	File - Equipment Materials - Equipment Info. 1986	1986	S579 Box 5
7.127	File - Equipment Materials - ECOBUG - Calibration Information		S579 Box 5
7.128	File - FIELD SEASON - Dictionary - Urdu language		S579 Box 6
7.129	File - FIELD SEASON - Equipment Requirement Notes		S579 Box 6

7.130	File - FIELD SEASON - Miscellaneous (WLU)		S579 Box 6
7.131	File - FIELD SEASON - Research Activities (Team)	1985	S579 Box 6
7.132	File - Hopper - Nagar Hydel Project (construction & Feasibility Report)	1986	S579 Box 6
7.132	File - Travel Plans	1986	S579 Box 6
7.134	File - Miscellaneous Travel Information	1985	S579 Box 6
7.135	File - Pakistan Travel Brochures		S579 Box 6
7.136	File - Insurance - Telfer International	1988	S579 Box 6
7.137	File - Insurance - Telfer International - 1986	1986	S579 Box 6
7.138	File - Insurance - Telfer International - 1988		S579 Box 6
7.139	File - Insurance - Wright, Mogg & Association		S579 Box 6
7.140	File - Panalpina Inc. Shipping 1987	1987	S579 Box 6
7.141	File - Insurance - IDRC	1985	S579 Box 6
7.142	File - Discharge & Climatological Data - Pakistan	1987	S579 Box 6
7.143	File - Equipment - from Pakistan		S579 Box 2
7.144	File - Equipment information : Logistical Gerry Blam		S579 Box 2

### Series 8: Snow and Ice Hydrology Project - glacier research

Date: 1967-2011 (date of creation)

Scope and content:

This series contains glacier research of the Snow and Ice Hydrology Project (SIHP). Includes information of numerous glaciers and journal publications.

Physical description: 14.5 cm of textual records

Access points:

- Textual record (documentary form)

#### File / item list

Ref code	Title	Dates	Access status	Container
8.1	File - Jalhari Glacier			S579 Box 7
8.2	File - Diamir/Diama Glacier			S579 Box 7
8.3	File - Chiantar Glacier			S579 Box 7
8.4	File - Casherbrum/Chaghrolung Glacier, Urdok Glacier			S579 Box 7
8.5	File - Surgin Glacier			S579 Box 7
8.6	File - Hinarche Glacier			S579 Box 7
8.7	File - Burche/Yuna/Salili Glacier			S579 Box 7
8.8	File - Baturai Glacier			S579 Box 7
8.9	File - Tashain (Rupal) Glacier			S579 Box 7
8.10	File - Pasu Glacier			S579 Box 7
8.11	File - Glacier Nanga Parbat			S579 Box 7
8.12	File - Sachen Glacier			S579 Box 7

8.13	File - Minapin Glacier	S579 Box 7
8.14	File - Baltoro Glacier	S579 Box 7
8.15	File - Braldu (Biafo) Glacier	S579 Box 7
8.16	File - Rakhiot Glacier	S579 Box 7
8.17	File - Jhelum Glacier	S579 Box 7
8.18	File - Hunza Glacier	S579 Box 7
8.19	File - Glacier - Appendix 1	S579 Box 7
8.20	File - Braldu Glacier	S579 Box 7
8.21	File - Hunza Glacier	S579 Box 7
8.22	File - Lorang Glacier	S579 Box 7
8.23	File - Patro Glacier	S579 Box 7
8.24	File - Shaigiri Glacier	S579 Box 7
8.25	File - Hange Glacier	S579 Box 7
8.26	File - Kl. Lorang Glacier	S579 Box 7
8.27	File - Muthat Glacier	S579 Box 7
8.28	File - North/Central/South/Rimo Glacier	S579 Box 7
8.29	File - Hasanabad/Muchiohul Glacier	S579 Box 7
8.30	File - Gilmit Glacier	S579 Box 7
8.31	File - Chong Kumdan Kichik & AQ Tash Glaciers	S579 Box 7
8.32	File - Glacier 2	S579 Box 7
8.33	File - Sudl Jiliper Peak Glacier	S579 Box 7
8.34	File - Lichar Glacier	S579 Box 7
8.35	File - Unnamed Glacier	S579 Box 7
8.36	File - Rakhot Glacier	S579 Box 7
8.37	File - Buldar-Vord Buldar Glacier	S579 Box 7
8.38	File - Chongra Glacier	S579 Box 7
8.39	File - Bazhin Glacier	S579 Box 7
8.40	File - Pisan Glacier	S579 Box 7
8.41	File - Virjerab Glacier	S579 Box 7
8.42	File - Biafo Glacier	S579 Box 7
8.43	File - Nordl Glacier	S579 Box 7
8.44	File - Hispar Glacier	S579 Box 7
8.45	File - Printing Masters - Snow & Ice 1988	S579 Box 7
8.46	File - World Meteorological organization 1988 - Hydrology & water Resources Department	S579 Box 7
8.47	File - Snow & Ice Hydrology Project - SIHP (Telegrams)	S579 Box 7
8.48	File - CNCP	S579 Box 7
8.49	File - Original Data Forms	S579 Box 7
8.50	File - Pakistan Glacier Inventory - Ablation Measurements - Biafo	S579 Box 7
8.51	File - Journal Publications - Engelen, G. B. A graphical and statistical approach to the regional study of snowpack in mountain areas with special reference to Coloroda and New Mexico	S579 Box 7
8.52	File - Journal Publications - Dey, B., Goswami, D.C., Rango, A. Utilization of Satellite Snow cover Observations for Seasonal Streamflow estimates in the Western Himalayas	S579 Box 7



8.53	File - Journal Publications - Dolgoushin, L.D., and Osipova, G.B. Regime of a Surging glacier between advances		S579 Box 7
8.54	File - Journal Publications - Broscod, A.J. Some aspects of the Geomorphology of Meltwater Streams Steele Glacier, Yukon, Canada	1967	S579 Box 7
8.55	File - SIHP- Annual Report	1987	S579 Box 7
8.56	File - SIHP - Overview and Present Status		S579 Box 7
8.57	File - Saichen Glacier		S579 Box 25
8.58	File - Yashkuk Yaz Glacier		S579 Box 25
8.59	File - Choktoi Glacier		S579 Box 25
8.60	File - Alpine Glacier Project Manchester		S579 Box 25
8.61	File - Satellite Imagery Inventory		S579 Box 25
8.62	File - Rakhiot Glacier Survey	1985	S579 Box 25
8.63	File - SIHP - Upper Indus basin - Karakoram Himalaya - Contacts		S579 Box 25
8.64	File - SIHP - Letterhead Samples		S579 Box 25
8.65	File - Materials for Project Members before departure		S579 Box 25
8.66	File - Lichar Glacier West		S579 Box 7

### Series 9: Snow and Ice Hydrology Project - data

Date: 1918-2011 (date of creation)

Scope and content:

This series contains data of the Snow and Ice Hydrology Project (SIHP). Includes surveys, field logs and photographs.

Physical description: 2 m of graphic material

67 cm of textual records

17 audio cassettes

1 film reel

Access points:

- Multiple media (documentary form)

#### File / item list

Ref code	Title	Dates	Access status	Container
9.1	File - Young Pasu	1988		S579 Box 8
9.2	File - Miar Meteorological Station Observation	1987		S579 Box 8
9.3	File - Facet Ablation - Barpu	1987		S579 Box 8
9.4	File - Pasu Glacier - Survey - Ablation - Radar MSTs			S579 Box 8
9.5	File - Karakoram Survey - Biafo Glacier	1986		S579 Box 8
9.6	File - Stake and Glacier Survey Data - Miar/ Sumaiyar Bar / Barpu Glacier	1988		S579 Box 8
9.7	File - Snow & Ice Hydrology Project - Karakoram - RADAR	1986		S579 Box 8

9.8	File - Bapru Basin - Meteorological Data	1988	S579 Box 8
9.9	File - Karakoram Field Log	1987	S579 Box 8
9.10	File - Science Log - Pre-field events - april	1986	S579 Box 8
9.11	File - Bualtar Glacier Survey & Ablation	1987	S579 Box 8
9.12	File - Baintha Meteorological Station on Ice - Biafo Glacier	1986	S579 Box 8
9.13	File - Karakoram Field Log - Mango Meteorological Station - Biafo Glacier	1986	S579 Box 8
9.14	File - Baintha Base Camp Meteorological Log - Biafo Glacier	1985	S579 Box 8
9.15	File - Baintha Meteorological II & Mango Meteorological	1985	S579 Box 8
9.16	File - Hopar LS - Landslide Recon	1986	S579 Box 8
9.17	File - Ganesh Chish Glacier - General - Meteorological Data & Theod. Survey II	1987	S579 Box 8
9.18	File - Barpu - G.C	1987	S579 Box 8
9.19	File - SIHP - Detailed Ablation Study on Miara Glacier - Karakoram	1988	S579 Box 8
9.20	File - SIHP - Miara Survey	1988	S579 Box 8
9.21	File - Miara Survey \ Pasu Glacier Survey	1988	S579 Box 8
9.22	File - Karakoram\LLSP\TCN age determination Samples	2006	S579 Box 8
9.23	File - Girgindil\Malangushi `Gloden Pear` - GIR \Mal\S.B	1986	S579 Box 9
9.24	File - Baintha and Bualtar	1986	S579 Box 9
9.25	File - Detailed Ablation Study on Miara Glacier Karakoram (Hamdar Line)	1988	S579 Box 8
9.26	File - Miara Meteorological Station Observation	1986	S579 Box 8
9.27	File - Science Log - Pre-field II	1986	S579 Box 9
9.28	File - Miara / Sumaiyar Bar Survey & Ablation	1987	S579 Box 9
9.29	File - Miara Meteorological Station\ Abbas	1987	S579 Box 9
9.30	File - Lukpe Lowo Meteorological Observation Station		S579 Box 9
9.31	File - Detailed Ablation Study on Miara Glacier. Karakoram (Equilibrium Line Data)	1988	S579 Box 9
9.32	File - Science log for Boroshal Masjid Photo	1986	S579 Box 9
9.33	File - [number not used]		
9.34	File - Survey - Miara & High Glacier (S.B.\GIR\MAL)		S579 Box 9
9.35	File - Meteorological Chutian Station	1989	S579 Box 9
9.36	File - Miara - Glacier - Profile Station	1987	S579 Box 9
9.37	File - Ganesh Chish Glacier - Rock Avalanche Survey	1986	S579 Box 30
9.38	File - Barpu \ Buatta Basins Stake Observation Forms	1986	S579 Box 30
9.39	File - General - Miara	1987	S579 Box 30
9.40	File - Photographs - Alpine Flowers (Karakoram)	1998-1999	S579 Box 10

9.41	File - Photographs - Mountain ENVIS - General	1977-1978	S579 Box 10
9.42	File - Photographs - Glaciers - Historical Photos for Comparison	1998	S579 Box 10
9.43	File - Photographs - Karakoram - Miscellaneous photos	1992	S579 Box 10
9.44	File - Photographs - Karakoram - Disasters Pathan Earthquakes	1973	S579 Box 10
9.45	File - Photographs - Karakoram - People and Culture		S579 Box 10
9.46	File - Photographs - Karakoram - Chutrun, Basha People		S579 Box 10
9.47	File - Photographs - Karakoram - Geomorphology - Rock Glacier	1992	S579 Box 10
9.48	File - Photographs		S579 Box 10
9.49	File - Photographs - Barpu Glaciers		S579 Box 10
9.50	File - Photographs - Karakoram - Glacier Change Panmah		S579 Box 10
9.51	File - Photographs - Skinmang		S579 Box 10
9.52	File - Photographs - Glaciers - Charge, Biafo		S579 Box 10
9.53	File - Photographs		S579 Box 10
9.54	File - Photographs - Panmah Glacier, Towards Skamri	1992-1996	S579 Box 10
9.55	File - Photographs - Karakoram - Miscellaneous photos	1998	S579 Box 10
9.56	File - Photographs - Karambar Glacier		S579 Box 10
9.57	File - Photographs - JUME - Hopar	1998	S579 Box 10
9.58	File - Photographs - Miari - Bualtar, Hopar, Hispar, Hunza Nagar, Sumaiyar,	1987	S579 Box 11
9.59	File - Photographs - Hispar, Biafo	1986	S579 Box 11
9.60	File - Photographs - Biafo	1985	S579 Box 11
9.61	File - Photographs - Karakoram - Haz,	1998	S579 Box 11
9.62	File - Photographs - Mastuj - Phandar		S579 Box 11
9.63	File - Photographs - Hispar - Historical Photos	2001	S579 Box 11
9.64	File - Photographs - Masherbrum Glacier		S579 Box 11
9.65	File - Photographs - Karakoram Glaciers	1998	S579 Box 11
9.66	File - Photographs - Karakoram - Bualtar Glacier, Surges	1986	S579 Box 11
9.67	File - Photographs - Geography		S579 Box 12
9.68	File - Photographs - Biafo		S579 Box 12
9.69	File - Photographs - Gilgit RAS, Bapur, Darkhet, Barok, Gargam, Bamdu	1998	S579 Box 12
9.70	File - Photographs		S579 Box 12
9.71	File - Photographs - Trip to Phandar, Miari-Hopar-Girgindil	1986	S579 Box 12
9.72	File - [number not used]		
9.73	File - Photographs		S579 Box 12
9.74	File - Photographs - Barpu	1986	S579 Box 12
9.75	File - Photographs - Chutrun		S579 Box 12
9.76	File - Photographs - Venosa Castle		S579 Box 13

9.77	File - Photographs - Siracusa, Messina, Castle Euryalos etc		S579 Box 13
9.78	File - Photographs - Roma the Walls etc		S579 Box 13
9.79	File - Photographs		S579 Box 13
9.80	File - Photographs - Ghorochoh - Katarah, Karambag G.		S579 Box 13
9.81	File - Photographs - Hispar, Biafo	1999	S579 Box 13
9.82	File - Photographs - Battakundikagan	1975	S579 Box 13
9.83	File - Photographs		S579 Box 13
9.84	File - Photographs - RAS		S579 Box 13
9.85	File - Photographs		S579 Box 13
9.86	File - Photographs - Barpu		S579 Box 13
9.87	File - Photographs		S579 Box 13
9.88	File - Photographs - Biafo Slides and Photos		S579 Box 25
9.89	File - Photographs - Chalt, Dulung, Khurdgun, Malangalti		S579 Box 25
9.90	File - Photographs		S579 Box 25
9.91	File - Photographs		S579 Box 25
9.92	File - Photographs - Karakoram - Photos digitally Scanned		S579 Box 14
9.93	File - Photographs - SKARDU, BRALDU - Hazards		S579 Box 14
9.94	File - Photographs - Birir - Kafirstan		S579 Box 14
9.95	File - Photographs - KH - Karakoram Prints - Panmah Glacier	1996	S579 Box 14
9.96	File - Photographs - KK - Chitral - Kalash Hindu Kush		S579 Box 14
9.97	File - Photographs - KK Prints - Biafo Terminus	1996	S579 Box 14
9.98	File - Photographs - KH - Prints Karakoram Glaciers - Bualtar Glacier		S579 Box 14
9.99	File - Photographs - Rock Glacier - Birir - Kafirstan		S579 Box 14
9.100	File - Photographs - KH - Karakoram LLSP Shardu Ghorochoh - Braldu		S579 Box 14
9.101	File - Photographs - KH - Prints - LLSP - HUMBLUK HUSHE		S579 Box 14
9.102	File - Photographs - KH - LLSP - Kataru RA - Prints		S579 Box 14
9.103	File - Photographs - KH - LLSP - Prints - Rondu M - Gol - Ghore		S579 Box 14
9.104	File - Photographs - Aerial Shots Chilas, Rondu M		S579 Box 15
9.105	File - Photographs - Paswak - Gulmit - Panorama		S579 Box 15
9.106	File - Photographs - Slides form Negatives Aling		S579 Box 15
9.107	File - Photographs - Slides form Negatives Skardu, Khaplu, Skoro		S579 Box 25
9.108	File - Photographs - Karakoram - Negatives		S579 Box 25
9.109	File - Photographs - Karakoram - Bamboret - Kafirstan - Kios		S579 Box 25

9.110	File - Photographs - Karakoram - Hispar & Biafo Glacier	1985	S579 Box 25
9.111	File - Photographs - Karakoram -		S579 Box 15
9.112	File - Photographs - Skinmang Glacier - Color & BW		S579 Box 15
9.113	File - Photographs - Bocch Josok	1996	S579 Box 15
9.114	File - Photographs - Dumanda - Laskam	1996	S579 Box 15
9.115	File - Photographs - Skinmay G.A - Troka		S579 Box 15
9.116	File - Photographs - Drenmang		S579 Box 15
9.117	File - Photographs - Lamar - Camp - 4250m		S579 Box 15
9.118	File - Photographs - Bauma Harol to Islambad		S579 Box 15
9.119	File - Photographs - Thalle La - Bauma Harol		S579 Box 15
9.120	File - Photographs - Drenmay - N.S		S579 Box 15
9.121	File - Photographs - GA - Panmadh - Rupelley		S579 Box 15
9.122	File - Photographs		S579 Box 15
9.123	File - Photographs - Khagan Takla		S579 Box 25
9.124	File - Photographs - Lalazar		S579 Box 25
9.125	File - Photographs - Kaqhan		S579 Box 25
9.126	File - Photographs - Kaqhan -Karachi - Halla Road - Mouth of the Hub		S579 Box 25
9.127	File - Photographs - Chalic - RA		S579 Box 25
9.128	File - Photographs - Bagrot-Hirali - Dhak Chauli - Bagrot		S579 Box 16
9.129	File - Photographs - Khatzarah - Ishkoman		S579 Box 16
9.130	File - Photographs - Yash - Barot	1999	S579 Box 16
9.131	File - Photographs - Giligit Baasin - Gakatch - Hirali	1998	S579 Box 16
9.132	File - Photographs - Cultural & Historical Pictures - Chiawal - Thalle	1998	S579 Box 16
9.133	File - Photographs - Geomorphology General		S579 Box 16
9.134	File - Photographs - Rhondu - Mendi	1998	S579 Box 16
9.135	File - Photographs - Naltar	1999	S579 Box 16
9.136	File - Photographs - RAS - Shigar Vac	1998	S579 Box 16
9.137	File - Photographs - RAS - Ghizar - Chitral		S579 Box 16
9.138	File - Photographs - Rhondu	1998	S579 Box 17
9.139	File - Photographs - Braldu - Astor Valley	1985	S579 Box 17
9.140	File - Photographs - Hakis - Hunga-Hupar	1998	S579 Box 17
9.141	File - Photographs - Barpu Phai - Phahi - Bualtar	1999	S579 Box 17
9.142	File - Photographs - Veloca - Malangutti Glacier	1999 - 2000	S579 Box 25
9.143	File - Photographs - Karakoram - Surges	1996	S579 Box 17
9.144	File - Photographs - Bagkot		S579 Box 17

9.145	File - Photographs - Biafo- Soblang - Biafo-Mango - Biafo-Banth	1999	S579 Box 17
9.146	File - Photographs - Malangutti - Kondu	2001	S579 Box 17
9.147	File - Photographs - Aling	2001	S579 Box 17
9.148	File - Photographs - Hispar - Pachigam	1999	S579 Box 17
9.149	File - Photographs - Lamar - Kaberi - Kondus - Karambar Glaciers	1998	S579 Box 18
9.150	File - Photographs - Chapursan Ziarat - KUK-I-JERAB	2001	S579 Box 18
9.151	File - Photographs - Hispar - Khanibasa - BC - Biafo -Bainta - Soblang	1999	S579 Box 18
9.152	File - Photographs - Chogolangma - Skaribyanguna - Bohocho	1999	S579 Box 18
9.153	File - Photographs - Karakoram - Rondu RA - Halpi - Vopur - Karambar	1996	S579 Box 18
9.154	File - Photographs - Barpu - Bualtar - Hopar	1986	S579 Box 18
9.155	File - Photographs - HOPAR Landslides	1998	S579 Box 18
9.156	File - Photographs - HOPAR - SHYOK	1993	S579 Box 18
9.157	File - Photographs - DArkot D.B - Ghoro Choh - RAs on Glacier	1998-2000	S579 Box 18
9.158	File - Photographs - HOPAR	1986	S579 Box 18
9.159	File - Photographs - Karakoram - Miscellaneous photos		S579 Box 18
9.160	File - Photographs - Bualtar - Hopar - Satapara - Gol		S579 Box 18
9.161	File - Photographs - Lower Hispar - Baiwataa	1985	S579 Box 18
9.162	File - Photographs - Karakoram - Hopar	1986-1987	S579 Box 18
9.163	File - Photographs - Negetives		S579 Box 18
9.164	File - Photographs - Lemmi - Luska - Panmah - Biafo - Dumuroo		S579 Box 18
9.165	File - Photographs - Karachi - Hyderabad - Thatta		S579 Box 25
9.166	File - Photographs - Miscellaneous photos		S579 Box 25
9.167	File - Photographs - Karakoram General photos		S579 Box 25
9.168	File - Photographs - Karakovam	2000	S579 Box 19
9.169	File - Photographs - SKARDU	2000	S579 Box 19
9.170	File - Photographs - Satpura - Upper Henzal - Baltit Sumay		S579 Box 19
9.171	File - Photographs - Rock Glacier - Glacier DAM - Karambar	1998	S579 Box 19
9.172	File - Photographs - Karambar Glacier - Chillin	1998	S579 Box 19
9.173	File - Photographs - Karambar PASS - Chiamar	1993	S579 Box 19
9.174	File - Photographs - Chiantar Glacier	1993	S579 Box 19
9.175	File - Photographs - Chiantar - Baroghl - Bhort - Karambar	1993	S579 Box 19
9.176	File - Photographs - Chogo Lungana - Lalazar - Kagao	1993	S579 Box 19
9.177	File - Photographs - Batura - Hopar	1998	S579 Box 19

9.178	File - Photographs - Glaciers - Whargut - Chillingi - Chorochoh	1993 - 1998	S579 Box 19
9.179	File - Photographs - Glaciers - Chutrum - Choh - Gol - Ghone - Haldi	1993 - 1996 - 1998 - 2001	S579 Box 19
9.180	File - Photographs - Hushe Glaciers	1993	S579 Box 20
9.181	File - Photographs - Shimshak Glacier	2000	S579 Box 20
9.182	File - Photographs - Glaciers - Mthaz lower Krakoram		S579 Box 20
9.183	File - Photographs - Region of Risk		S579 Box 20
9.184	File - Photographs - Earthquakes		S579 Box 20
9.185	File - Photographs - Darkot	2000	S579 Box 20
9.186	File - Photographs - Pakistan - Karakoram People		S579 Box 20
9.187	File - Photographs		S579 Box 20
9.188	File - Photographs		S579 Box 20
9.189	File - Photographs - Tara - Hopar	1986	S579 Box 20
9.190	File - Photographs		S579 Box 21
9.191	File - Photographs - Gantolia - Malanquish Hrai - Flowers	1998	S579 Box 21
9.192	File - Photographs - Bualtar		S579 Box 21
9.193	File - Photographs		S579 Box 21
9.194	File - Photographs - Karakoram - Glaciers	1987	S579 Box 21
9.195	File - Photographs - Glaciers - Biafo - Hispar	1999	S579 Box 21
9.196	File - Photographs - Glaciers - Chapursan - Chogo - Brama	1999	S579 Box 21
9.197	File - Photographs - Barpu - Malangushi	1986	S579 Box 21
9.198	File - Photographs - Barpu - Ganesh Chissh - Phahi Phari	1987	S579 Box 21
9.199	File - Photographs - Cias II - Budha Carving - Baltit	1998	S579 Box 22
9.200	File - Photographs - Biapo - Hispar		S579 Box 22
9.201	File - Photographs - Biapo - Hispar		S579 Box 22
9.202	File - Photographs - Biapo - Hispar		S579 Box 22
9.203	File - Photographs - Biapo - Hispar		S579 Box 22
9.204	File - Photographs - Kalash		S579 Box 22
9.205	File - Photographs - Kalash		S579 Box 22
9.206	File - Photographs - Baltit - Sumayar		S579 Box 22
9.207	File - Photographs - Hispar - Karakoram Hazards		S579 Box 22
9.208	File - Photographs - Gannissh Chissh - Hopar - Barpu		S579 Box 23
9.209	File - Photographs - General- Karakoram		S579 Box 23
9.210	File - Photographs - General- Karakoram		S579 Box 23
9.211	File - Photographs - General- Karakoram		S579 Box 23
9.212	File - Photographs - General- Karakoram		S579 Box 23
9.213	File - Photographs - General- Karakoram		S579 Box 23
9.214	File - Photographs - General- Karakoram		S579 Box 23
9.215	File - Photographs - General- Karakoram		S579 Box 23
9.216	File - Photographs - General- Karakoram		S579 Box 23
9.217	File - Photographs - General- Karakoram		S579 Box 23
9.218	File - Photographs - General- Karakoram		S579 Box 23

9.219	File - Photographs - Dreamang		S579 Box 23
9.220	File - Photographs - SkiNMANG-DRENMANG		S579 Box 23
9.221	File - Photographs - Negatives - Skinmang	1996	S579 Box 23
9.222	File - Photographs - CHIMING - TSOKA	1996	S579 Box 23
9.223	File - Photographs - TSOKA - TSOTEAGH	1996	S579 Box 23
9.224	File - Photographs - KIRGHISTAN - TIEN SHAW		S579 Box 23
9.225	File - Photographs - Negatives		S579 Box 23
9.226	File - Photographs - Satellite Images prints		S579 Box 36
9.227	File - Photographs - General		S579 Box 23
9.228	File - Photographs - Video tape - Karakoram -Skardu - Deosal		S579 Box 24
9.229	File - Video - Karakoram - KONDUS - HUSHE Glaciers		S579 Box 24
9.230	File - Video - Karakoram - KONDUS - KABERI,Sheripigang Glacier	2001	S579 Box 24
9.231	File - Video - Karakoram - BUALTAR - HISPAR - BIAFO Glaciers	1990	S579 Box 24
9.232	File - Video - Karakoram - CHOGOLUNGMA Glaciers	1990	S579 Box 24
9.233	File - Video - Karakoram - PANAMAH Glaciers	2005	S579 Box 24
9.234	File - Video - Karakoram - SKARDU - DEOSAI Glaciers	2011	S579 Box 24
9.235	File - Video - Karakoram - HALDI - LLSP	2001	S579 Box 24
9.236	File - Video - Karakoram - CHAPURSAN	1999	S579 Box 24
9.237	File - Video - Karakoram -SHIMSHAAL	2000	S579 Box 24
9.238	File - Video - Karakoram - SHIMSHAL Glaciers	2000	S579 Box 24
9.239	File - Video - Karakoram - BARPU - BUALTAR - BAGROT (high 8mm) Glaciers	1999	S579 Box 24
9.240	File - Video - Karakoram - NALTAR - LLSP	2000	S579 Box 24
9.241	File - Video - Karakoram - SHIMSHAL - MALANGUTTI Glaciers	2000	S579 Box 24
9.242	File - Video - Karakoram - CHOGOLUNGMA Glaciers	1999	S579 Box 24
9.243	File - Video - Karakoram - GOL - GHONE - LLSP (High 8mm)	2001	S579 Box 24
9.244	File - Video - Karakoram - GOL - KATZARA GLACIER(High 8mm)	2001	S579 Box 24
9.245	File - Video - SIHP 8mm film		S579 Box 24
9.246	File - MAPS and GRAPHS - DISCHARGE DATA		S579 Box 25
9.247	File - Photographs - Negatives - HIST - DESIO		S579 Box 25



9.248	File - Photographs - Negatives - HIST - DESIO	S579 Box 25
9.249	File - Photographs - Negatives - HIST - DESIO	S579 Box 25
9.250	File - Photographs - Darkot - Chatteboi to Parwak	S579 Box 25
9.251	File - Photographs - General - Karakoram	S579 Box 25
9.252	File - Photographs - CRSF onto Glacier - Laokpar - Aling Surge	S579 Box 25
9.253	File - Photographs - General	S579 Box 26
9.254	File - Biafo Glacier - records glacier changes	S579 Box 35
9.255	File - Photographs - Karakoram	S579 Box 45
9.256	File - Photographs - Karakoram	S579 Box 45
9.257	File - Photographs - Karakoram	S579 Box 45
9.258	File - Photographs - Karakoram	S579 Box 45
9.259	File - Colour negatives - Peru	S579 Box 45
9.260	File - Contact sheets and negatives - Karakoram	S579 Box 45
9.261	File - Photographs - Glaciers Biafo - Bualten	S579 Box 45
9.262	File - Photographs - Karakoram - LLSP - Chalt, Huza	S579 Box 45
9.263	File - Photographs - Karakoram - LLSP - Tsok Dumordo - RA	S579 Box 45
9.264	File - Slides - Ghoro Choh	July 1998 S579 Box 45
9.265	File - Photographs - Karakoram - LLSP - Katzarach Ckachurach	S579 Box 45
9.266	File - Photographs - Karakoram - LLSP - Saptara	S579 Box 45
9.267	File - Photographs - Karakoram - Naltar Lakes	S579 Box 45
9.268	File - Photographs - LLSP - Bordon Tir-Sost, Chaparram [?]	S579 Box 45
9.269	File - Photographs - Karakoram - LLSP - Satara	S579 Box 45
9.270	File - Photographs - Karakoram - LLSP - Khora Bhurt Upper Karambar	S579 Box 45
9.271	File - Photographs and negatives	
9.272	File - Photographs	
9.273	File - Photographs and maps	
9.274	File - [number not used]	
9.275	File - [number not used]	
9.276	File - [number not used]	
9.277	File - Hindu Raj Ras	S579 Box 45
9.278	File - LLSP Gupis and Yasin	S579 Box 45

### Series 10: Snow and Ice Hydrology Project -- meteorological data

Date: 1918-2011 (date of creation)

Scope and content:

This series contains meteorological data of the Snow and Ice Hydrology Project glaciers and valleys.

<u>Physical description:</u> 26.5 cm of textual records 1 cm of graphic material				
<u>Access points:</u>				
<ul style="list-style-type: none"> <li>• Textual record (documentary form)</li> <li>• Graphic material (documentary form)</li> </ul>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
10.1	File - Phari Phari Slope Meteorological Station			S579 Box 27
10.3	File - Phari Phari Meteorological Station Data hard copies			S579 Box 28
10.2	File - Miar Glacier Meteorological Data hard copies			S579 Box 27
10.4	File - Miar Hill Meteorological Station hard copies			S579 Box 27
10.5	File - Upper Indus Basin Project - Index of Data Names			S579 Box 29
10.6	File - Ecobug - Manual			S579 Box 29
10.7	File - Phari Phari Stream Data - Total discharge data			S579 Box 29
10.8	File - Phari Phari Main Meteorological Data	1987		S579 Box 29
10.9	File - Rush Lake 0 Graph and Regression Result	1987		S579 Box 29
10.10	File - Phari Phari - Stream Discharge Meteorological Data			S579 Box 29
10.11	File - Meteorological Data hard copy			S579 Box 36
10.12	File - Miar Meteorological Data - Partial Miar Data	1986		S579 Box 29
10.13	File - Thermohygrograph Charts - Pasu	May 21 1987 - August 31 1987		S579 Box 29
10.14	File - Miar - Street Data			S579 Box 29
10.15	File - Ablation Records - Biafo	1986		S579 Box 29
10.16	File - Indus Besham			S579 Box 29
10.17	File - Miar Side - Regression Analysis	1987		S579 Box 29
10.18	File - Phari Phari vs. [Minon?] Stream Flor Comparison (mean daily and hourly record)	1987		S579 Box 29
10.19	File - Meteorological - Miar Glaciers Main Meteorological Station	October 1 1996		S579 Box 29
10.20	File - Rakhiot			S579 Box 29
10.21	File - Kaghan Valley	May 1987		S579 Box 29
10.22	File - Kaghan Valley - Snow Course Data 1986 - Graham Veale	1986		S579 Box 29
10.23	File - Kaghan Valley 1986 snow surveys	1986		S579 Box 29
10.24	File - Kaghan Valley 1987 snow surveys	1987		S579 Box 29
10.25	File - Meteorological Data BAFO	1985		S579 Box 30

10.26	File - Biafo / Hispar Glaciers Meteorological Data 1986 - Hardcopy Print Outs	1986	S579 Box 30
10.27	File - Biafo / Hispar Meteorological Data 1986	1986	S579 Box 30
10.28	File - T.H. and Manual Readings - Meteorological Data for Baintha Stations	1986	S579 Box 31
10.29	File - Biago Glacier Temperatures		S579 Box 31
10.30	File - Kaghan Valley - Fes de Scally Field Notebooks 1985 (1 and 2)	1985	S579 Box 31
10.31	File - Kaghan Valley - Fes de Scally Field Notebooks 1986 (1, 2 and 3)	1986	S579 Box 31
10.32	File - WAPDA Surgace Water Hydrology (Station Naran) - Meteorological Observations	1985-1986	S579 Box 31
10.33	File - Kaghan Valley Meteorological Data	1986	S579 Box 31
10.34	File - Kaghan Valley Meteorological Data 1986 - hardcopy printouts and charts	1986	S579 Box 31
10.35	File - Kaghan Valley - 1986-19-87 Climate Data	1986-1987	S579 Box 31
10.36	File - Kaghan Valley Meteorological Data 1986	1986	S579 Box 31
10.37	File - Data - Askole 1985	1985	S579 Box 31

### Series 11: Snow and Ice Hydrology Project (SIHP)

#### Scope and content:

This series includes general information of the Snow and Ice Hydrology Project (SIHP). Includes press releases and biographies.

#### Physical description: 52 cm of textual records

#### Access points:

- Textual record (documentary form)

#### File / item list

Ref code	Title	Dates	Access status	Container
11.1	File - Press Releases and Clippings 1984-2000			S579 Box 31
11.2	File - Snow and Ice Hydrology Project - Press Clippings			S579 Box 31
11.3	File - Radio Echo Sounder Manual			S579 Box 31
11.4	File - Azhar-Hewitt Women of High Pastures			S579 Box 31
11.5	File - FE Hewitt Chutrun			S579 Box 31
11.6	File - Avalanche Hazard in Kaghan Valley Working Paper #2 / Fes de Scally and Jim Gardner	March 1986		S579 Box 32
11.7	File - Ice Loss in the Ablation Area of a Himalayan Glacier; Studies on			S579 Box 32

	Miar Glacier, Karakoram Mountains, Pakistan / G.J. Young and J.P Schmok		
11.8	File - Component C4 - Tarbela 4th Hydropower Project - Monitoring of Upper Indus Basin Glaciers for Water Resources Management in Wake of Climate Change	March 2011	S579 Box 32
11.9	File - Snow and Ice Hydrology Project - Overall Report		S579 Box 32
11.10	File - Snow and Ice Hydrology Project - Final Report Volume IV		S579 Box 32
11.11	File - Snow and Ice Hydrology Project - Handbook of Snow & Ice Hydrology III Glacier Hydrology		S579 Box 32
11.12	File - Snow and Ice Hydrology Project - Handbook of Snow & Ice Hydrology Project IV Runoff Hydrology		S579 Box 32
11.13	File - Snow and Ice Hydrology Project - Handbook of Snow & Ice Hydrology I Hydrometeorology		S579 Box 32
11.14	File - Indus Lifeline Symposium		S579 Box 32
11.15	File - SIHP Data / Reports		S579 Box 32
11.16	File - Snow and Ice Hydrology Project - Interim Report - Summer 1988	1988	S579 Box 32
11.17	File - SIHP Summer Proposal - SIHP	1988	S579 Box 32
11.18	File - Avalanche Hazard Forecasting Workshop 1985 / Fes de Scally	1985	S579 Box 32
11.19	File - Himalayan Topics for Educational and Documentary Interest		S579 Box 32
11.20	File - Synoptic Report - Field Season 1985 final copy	1985	S579 Box 32
11.21	File - Snow and Ice Resources - Bibliography		S579 Box 32
11.22	File - Snow and Ice Hydrology Project Report on 1987-1988 UBC Forecast Modelling Activities Upper Indus Basin, Pakistan	1987-1988	S579 Box 32
11.23	File - Snow and Ice Conditions in the UIB : A Review and Bibliography (Version A)		S579 Box 32
11.24	File - de Scally and Gardner ISSW 1986 - Avalanche Hazard in Kaghan Valley	1986	S579 Box 32
11.25	File - Naltar Gah: Potential for a Snow Survey Station / J. Gardner		S579 Box 33
11.26	File - Catastrophic Landslide Deposits in the Karakoram Himalaya / Kenneth Hewitt	1988	S579 Box 33
11.27	File - Hazards to Water Development in High Mountain Regions : the Himalayan Sources of the Indus / Kenneth Hewitt	1988	S579 Box 33
11.28	File - Glacier Dammed and Mass Movement Dammed Lakes, Upper Hunza Valley, Pakistan Peter Johnson	1988	S579 Box 33
11.29	File - Mangla Basin Inflow Forecast Project / Anthony Pipes	October 1988	S579 Box 33

11.30	File - Large Landslides at Hopar, Karakoram Himalaya / Ken Hewitt and Ken MacDonald		S579 Box 33
11.31	File - Pakistan Water Supply		S579 Box 33
11.32	File - The Snow and Ice Hydrology Project : research and training for water resource development in the Upper Indus Basin / Kenneth Hewitt	1988	S579 Box 33
11.33	File - Hydrological Investigation at Biafo Glacier, Karakoram Himalaya; an important source of water for the Indus River / K. Hewitt, C.P. Wake, G.J. Young and C. David	1988	S579 Box 33
11.34	File - Snow and Ice Conditions in the UIB (Version B)		S579 Box 33
11.35	File - SIHP Annual Report 1987	1987	S579 Box 33
11.36	File - Ice loss in the ablation area of a Himalayan glacier studies on Miar Glacier, Karakoram Mountains, Pakistan / G.J. Young and J.P. Schmok		S579 Box 33
11.37	File - Field Report / C.P. Wake	1988	S579 Box 33
11.38	File - WAPDA - Snow and Ice Hydrology Project Activities during 1985	1985	S579 Box 33
11.39	File - WAPDA Center - 1986 Annual Report	1986	S579 Box 33
11.40	File - WAPDA Center - 1987 Annual Report	1988	S579 Box 33
11.41	File - Cold Regions Research Centre - General Correspondence		S579 Box 33
11.42	File - Bibliography		S579 Box 33
11.43	File - Travel 1988	1988	S579 Box 33
11.44	File - Personal Data SIHP Team 1988	1988	S579 Box 33
11.45	File - Accounts Payable 1988 / 1989	1988-1989	S579 Box 33
11.46	File - Miscellaneous - 1988	1988	S579 Box 33
11.47	File - File Index		S579 Box 33
11.48	File - Maps and Imagery	1988	S579 Box 33
11.49	File - Dr. Hewitt's File		S579 Box 33
11.50	File - Annual Report 1992 / 1993	1992-1993	S579 Box 34
11.51	File - Accounting		S579 Box 34
11.52	File - Interdisciplinary / [Team?]- Teaching Survey		S579 Box 34
11.53	File - Receipts		S579 Box 34
11.54	File - GG231 Distance Education Course Development Application Form	2006	S579 Box 34
11.55	File - Inventory of Upper Indus Basin Climate and Discharge Data on File with the Snow and Ice Hydrology Project	March 1987	S579 Box 34
11.56	File - SIHP Meteorological Charts and Glacier Charts 1985 - 1988	1985-1988	S579 Box 34
11.57	File - Biafo Meteorological Stations		S579 Box 34
11.58	File - Miar Icefall Meteorological Station	1988	S579 Box 34
11.59	File - Kaghan Meteorological Staff 1985-1987	1985-1987	S579 Box 34

11.60	File - Barpu / Buattar Basin Inamullah Khan field notebook	1986	S579 Box 34
11.61	File - Barpu / Buattar Ken Hewitt Field Notebook - General 1986 and [Girgind?]/ [Malangshi?] 1986	1986	S579 Box 34
11.62	File - Barpu / Buattar - Ken Hewitt Field Notebooks - 1987 Ganish Chish / Barpu / General	1987	S579 Box 34
11.63	File - Barpu / Buatta Basics Marty Pemberton Field Notebook 1987	1987	S579 Box 34
11.64	File - Barpu / Buattar Basin Ghazanfak Ali Field Notebook 1987	1987	S579 Box 34
11.65	File - Barpu / Buatta 1987 Inamullah Khan 1987 Field Notebook #2	1987	S579 Box 34
11.66	File - Barpur / Buatta Basins Jeff Schmok Field Notebooks 1 & 2, 1987	1987	S579 Box 34
11.67	File - Barpu / Buatta Basins Stake Observation Forms		S579 Box 34
11.68	File - Miar Main Ecobug Data Print Outs (1986)	1986	S579 Box 34
11.69	File - Barpu / Buattar Basins Meteorological Data 1986	1986	S579 Box 23
11.70	File - Barpu Basin T.H. Charts	1986	S579 Box 34
11.71	File - Barpu / Buattar Basins Thermohygrograph charts 1988	1988	S579 Box 29
11.72	File - Phari Phario Stream Data 1987	1987	S579 Box 29
11.73	File - Miar Stream Data 1987	1987	S579 Box 29
11.74	File - Snow and Ice Hydrology Project Bibliography		S579 Box 35
11.75	File - Hazards of Place to the Geographies of Risk / James S. Gardner	2003	S579 Box 35
11.76	File - Snow and Ice Resources in High Mountatain Environments		S579 Box 35
11.77	File - Submission for Four-Year Review of the Centre		S579 Box 35
11.78	File - Background Publications		S579 Box 35

## Series 12: Snow and Ice Hydrology Project - soil samples

### Scope and content:

This series contains soil samples collected for the Snow and Ice Hydrology Project. Samples are held in individual plastic containers.

Physical description: 1 box of soil samples

### Access points:

- Object (documentary form)

### File / item list

Ref code	Title	Dates	Access status	Container
12.1	File - GS-II-98 fines			S579 Box 37
12.2	File - GCI-XIII [93] / +4.00 vfs			S579 Box 37

12.3	File - GS-II-98 +-1.00 -2.00 - pebs [granulos?]	S579 Box 37
12.4	File - PAR-II-98-2.0[0?] [granulis?]	S579 Box 37
12.5	File - PAR-II-98 - 4.0[?] C Pebs	S579 Box 37
12.6	File - PAR-I-98 Rock Sample	S579 Box 37
12.7	File - GCI-XIII-93 + 2.0[?] M.S.	S579 Box 37
12.8	File - BAL-3-99 fines	S579 Box 37
12.9	File - PAR-II-98+3.0[?] F.sd.	S579 Box 37
12.10	File - PAR-II-98-[rtd?]-1.75[?] pebbles	S579 Box 37
12.11	File - GS-II-98+2.0[?] MS / + 3-[op?] fs	S579 Box 37
12.12	File - GCI = XIII-93-[4.0??]+3.0[?] pebbles	S579 Box 37
12.13	File - BAL-3-99-4.00-pebbles	S579 Box 37
12.14	File - PAR-II-98[rtd?]-0.0[?] [vcs?]	S579 Box 37
12.15	File - PAR-II-98 rtd -- 1.00[?] v.c.sand	S579 Box 37
12.16	File - GC-XIII-93+3.0[??] fs	S579 Box 37
12.17	File - PAR-II-98-fines	S579 Box 37
12.18	File - GS-1-98-2.00[?] [granule?] + -1.75{0?} [aw?] -1.00[0?]	S579 Box 37
12.19	File - GS-I-98+4.00[?] vf.s.	S579 Box 37
12.20	File - GS-II-98 0.0[?] vcs / =1.0[?] cs	S579 Box 37
12.21	File - BAL-3-99-1.75	S579 Box 37
12.22	File - PAR-II-98+2.0[?] m.sd	S579 Box 37
12.23	File - PAR-II-98+1.0[?] coarse raw	S579 Box 37
12.24	File - PAR-II-98 rtd +5.0[?] mcs	S579 Box 37
12.25	File - GC-XIII-93 fines	S579 Box 37
12.26	File - GCI-XIII-93 0.0 [csaw?]+1.0[?] cs	S579 Box 37
12.27	File - GS-1-98-3.0[?] fs	S579 Box 37
12.28	File - GS-1.98+5[?] mcs + 1.0[?] cs	S579 Box 37
12.29	File - GS-1.98+2.0[?] ms	S579 Box 37
12.30	File - GS-1-98 fines	S579 Box 37
12.31	File - GS-1.98 0.0[?] vcs	S579 Box 37
12.32	File - BAL-3-99+1.00[?] m/cs	S579 Box 37
12.33	File - PAR-II-98+4.0[?] v.f.s.	S579 Box 37
12.34	File - GS-II-98+4.00[?] f.s.	S579 Box 37
12.35	File - Mse Bhfi 3-12	S579 Box 37
12.36	File - Glass slide with specimen	S579 Box 36

### Series 13: Snow and Ice Hydrology Project - graphic material

#### Scope and content:

This series contains photographs taken for the Snow and Ice Hydrology project. Formats include slides, photographs and negatives.

#### Physical description: 82.5 cm of graphic material

#### Access points:

- Graphic material (documentary form)

File / item list				
<b>Subseries 13.1: [number not used]</b>				
File / item list				
<b>Subseries 13.2: Slides</b>				
File / item list				
Ref code	Title	Dates	Access status	Container
13.2.1	File - Mexico 1994	1994		S579 Box 38
13.2.2	File - [Targe?] Still Life			S579 Box 38
13.2.3	File - Elora Gorge			S579 Box 38
13.2.4	File - Greece [2nos?]			S579 Box 38
13.2.5	File - Kaghan etc 75			S579 Box 38
13.2.6	File - Kaghan [2nos?]			S579 Box 38
13.2.7	File - Geomorph [Wew? Mammate? etc]			S579 Box 38
13.2.8	File - Satpara Aereal			S579 Box 38
13.2.9	File - California 1906	1906		S579 Box 38
13.2.10	File - Mohenjo Daro Frankfurt			S579 Box 38
13.2.11	File - July 2-4 (Gilgit) Bagrot - Sakpal (State)			S579 Box 38
13.2.12	File - FE. Chutrun to Dumsum			S579 Box 38
13.2.13	File - PAK General Book(?)			S579 Box 38
13.2.14	File - Harriet Cott 1990 - Cuba 1990	1990		S579 Box 38
13.2.15	File - Karakoram			S579 Box 38
13.2.16	File - Japan			S579 Box 38
13.2.17	File - FE Chutrun			S579 Box 38
13.2.18	File - Multan			S579 Box 38
13.2.19	File - Portugal 1986	1986		S579 Box 38
13.2.20	File - EQ			S579 Box 38
13.2.21	File - Gorge - January 1992	January 1992		S579 Box 38
13.2.22	File - Gomba 7 - Skardu [Sutpun?]			S579 Box 38
13.2.23	File - Yarba [?]			S579 Box 38
13.2.24	File - Jiarba [?] [1998?]			S579 Box 38
13.2.25	File - Puerto P. People. / Bldgs.			S579 Box 42
13.2.26	File - Unlabelled slides			S579 Box 38
13.2.27	File - Unlabelled slides			S579 Box 38
13.2.28	File - Unlabelled slides			S579 Box 38
13.2.29	File - Unlabelled slides			S579 Box 38
13.2.30	File - Unlabelled slides			S579 Box 38
13.2.31	File - Unlabelled slides			S579 Box 38
13.2.32	File - Unlabelled slides			S579 Box 38
13.2.33	File - Unlabelled slides			S579 Box 38
13.2.34	File - Unlabelled slides			S579 Box 38
13.2.35	File - Unlabelled slides			S579 Box 38
13.2.36	File - [Chabery Roy Comm?]			S579 Box 38
13.2.37	File - Arizona			S579 Box 38
13.2.38	File - Photo : June 1968	1968		S579 Box 38



**Subseries 13.3: Photographs and negatives****File / item list**

Ref code	Title	Dates	Access status	Container
13.3.1	File - World War II - bombing maps			S579 Box 41
13.3.2	File - C-41 Skardu Tsarba Tjo			S579 Box 42
13.3.3	File - Aling - Masgerbrum			S579 Box 42
13.3.4	File - Paewak - Aulmit			S579 Box 42
13.3.5	File - Bhoeut Jheel - Toqmik			S579 Box 42
13.3.6	File - Haldi- Thalle			S579 Box 42
13.3.7	File - Yarba 1993	1993		S579 Box 42
13.3.8	File - Khora Bhurt			S579 Box 42
13.3.9	File - Flight to Skardu & Skardu '92	1992		S579 Box 42
13.3.10	File - Darkot - Parwak			S579 Box 42
13.3.11	File - Hushe - Skardu - Shigar			S579 Box 42
13.3.12	File - Chile			S579 Box 42
13.3.13	File - Karambar Lake			S579 Box 42
13.3.14	File - Elora Gorge			S579 Box 42
13.3.15	File - Satporah 1992	1992		S579 Box 42
13.3.16	File - Peru 95	1995		S579 Box 42
13.3.17	File - 0174-21 Panoramnics - Skinmang			S579 Box 42
13.3.18	File - Tsok in snow			S579 Box 42
13.3.19	File - Yarba TSOH 95			S579 Box 42
13.3.20	File - Yarba TSOH 95			S579 Box 42
13.3.21	File - Yarba TSOH 95			S579 Box 42
13.3.22	File - Aling Dum Sum			S579 Box 42
13.3.23	File - Inca Trail			S579 Box 42
13.3.24	File - Unlabelled photographs			S579 Box 40
13.3.25	File - Photographs : negatives			S579 Box 42
13.3.26	File - Unlabelled negatives			S579 Box 41

**Series 14: Hewitt correspondence**

Date: 1950-1999 (date of creation)

Scope and content:

This series contains Kenneth Hewitt's professional and personal correspondence files.

Physical description: 8 cm of textual records

Access points:

- Textual record (documentary form)

**File / item list**

Ref code	Title	Dates	Access status	Container
14.1	File - Correspondence 1950-1959	1950-1959		S579 Box 41
14.2	File - Correspondence 1960-1969	1960-1969		S579 Box 41
14.3	File - Correspondence 1970-1979	1970-1979		S579 Box 41
14.4	File - Undated correspondence			S579 Box 41
14.5	File - Undated correspondence			S579 Box 41

14.6	File - Correspondence 1986-1999	1986-1999	S579 Box 43	
<b>Series 15: Snow and Ice Hydrology Project - Micro slide samples</b>				
<u>Scope and content:</u>				
This series includes micro slide sections gathered for the Snow and Ice Hydrology Project.				
<u>Physical description:</u> 38 microslides				
<u>Access points:</u>				
<ul style="list-style-type: none"> <li>Object (documentary form)</li> </ul>				
<b>File / item list</b>				
<b>Subseries 15.1: Karakovam - Thin section rocks LLSP</b>				
<u>Scope and content:</u>				
This series contains glass micro slide samples. The box containing the slides was labelled UY10/S/3653/ABNPY72.				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
15.1.1	File - CHAP - II -93			S579 Box 44
15.1.2	File - GC - BC - 87			S579 Box 44
15.1.3	File - SATP - V - 93			S579 Box 44
15.1.4	File - BHURT - II - 93			S579 Box 44
15.1.5	File - SOS - IIb - 93			S579 Box 44
15.1.6	File - GUP'S - 1 - 93			S579 Box 44
15.1.7	File - SKO - IV - 93			S579 Box 44
15.1.8	File - SKO - IIb - 93			S579 Box 44
15.1.9	File - FLM - II -R			S579 Box 44
15.1.10	File - SAT - VI -93			S579 Box 44
<b>Subseries 15.2: Thin sections - landslide lithology</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
15.2.1	File - SATP - X -93			S579 Box 44
15.2.2	File - Ka - IV -93			S579 Box 44
<b>Subseries 15.3: Thin sections</b>				
<b>File / item list</b>				
Ref code	Title	Dates	Access status	Container
15.3.1	File - LITAK - A - 93			S579 Box 44
15.3.2	File - KHP - 4 - 93			S579 Box 44
15.3.3	File - SAT - 9 - 93			S579 Box 44
15.3.4	File - YASP - II - 93			S579 Box 44

15.3.5	File - KHP - 2 - 93	S579 Box 44
15.3.6	File - DB - II - 93	S579 Box 44
15.3.7	File - KHP - 3 - 93	S579 Box 44
15.3.8	File - SAT - 8 - 93	S579 Box 44
15.3.9	File - LITAK - B - 93	S579 Box 44
15.3.10	File - NUH - II - 93	S579 Box 44
15.3.11	File - RONDU (M) - 1b - 93	S579 Box 44
15.3.12	File - YTS - 1 - 93	S579 Box 44
15.3.13	File - AST - 2 - 92	S579 Box 44
15.3.14	File - AST - 1 - 92	S579 Box 44
15.3.15	File - GG - 1a - 93	S579 Box 44
15.3.16	File - GG - 1b - 93	S579 Box 44
15.3.17	File - HAL[O?]1 - 2 - 93	S579 Box 44
15.3.18	File - HALD1 - 1 - 93	S579 Box 44
15.3.19	File - GC - 17 - 93	S579 Box 44
15.3.20	File - GAN - IV - 93	S579 Box 44
15.3.21	File - GOL - G - I - 93	S579 Box 44
15.3.22	File - AST - 3 - 92	S579 Box 44

### Subseries 15.4: Thin sections - unlabelled

#### File / item list

Ref code	Title	Dates	Access status	Container
15.4.1	File - Unlabelled slide			
15.4.2	File - Unlabelled slide			
15.4.3	File - Unlabelled slide			
15.4.4	File - Unlabelled slide			

### Series 16: Maps

#### Scope and content:

This series contains 13 maps.

#### Physical description: 13 maps

#### Access points:

- Cartographic material (documentary form)

#### File / item list

Ref code	Title	Dates	Access status	Container
16.1	File - Hamburg			
16.2	File - Firestorm			
16.3	File - London Districts			
16.4	File - England and Wales			
16.5	File - Pforzheim			
16.6	File - Firestorm			
16.7	File - Area bombing, cities and civilians - World War II			
16.8	File - Munster			
16.9	File - Ulm			

16.10	File - Hannover
16.11	File - Kiel
16.12	File - Tokyo
16.13	File - Berlin