Kenneth Hewitt Fonds

S579, Tube 1

Extent: 9.87 m
31 microfilm reels
Date: 1918 - 2010

1 Personal
1.1 Biographical
1.2 Correspondence
   1.2.1 Publications, 1983-1998
   1.2.2 General
   1.2.3 Research permission

2 Publications
*** Indicates Kenneth Hewitt’s publications that are not included in this collection

2.1 Books
2.1.1 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
2.1.3 Lifeboat : man and a habitable earth, 1976
   SPECIAL COLLECTIONS HM 206 H45 SC540
2.1.4 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
   SPECIAL COLLECTIONS GB 2759 P18H35 SC530.1
2.1.6 Elora Gorge : a visitor’s guide, 1995
   SPECIAL COLLECTIONS GB 568.15 H45 SC1760
2.1.7 Regions of risk : a geographical introduction to disasters, 1997 (introduction and chapter 3 in collection)
2.1.8 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
2.1.9 Snow and ice conditions in the Upper Indus Basin : a review and bibliography

2.2 Articles
* indicates refereed journals

2.2.42 Karakoram Glaciers and the Indus, *Indus*, vol. 2, no. 9, 1961

2.2.40 The great ice dam, *Indus*, July 1964

2.2.21 Ice-front deposition and the seasonal effect: A Himalayan example, *Institute of British Geographers*, no. 42, 1967

2.2.20 Probabilistic approaches to discrete natural events: review and theory, *Economic geography*, vol. 46, no. 2, 1970

** * The freeze-thaw environment of the Karakoram Himalaya, *Canadian Geographer*, vol. 12, no. 2, 1968

** *** Surging glaciers of the Upper Indus Basin (Central Asia), *Canadian journal of earth science*, vol. 6, no. 4, 1969

2.2.41 Perspective on natural hazards and disasters in the Northern Areas, *Dawn magazine*, 12th January, 1975

** *** Earthquakes in high mountains, *Natural history*, vol. LXXXV, no. 5, 1975


2.2.37 Earthquake hazards in the mountains. *Natural history*, vol. LXXXV, no. 5, May 1976

** *** Human responses to drought and desertification in Pakistan, *Economic geography*, October 1977

2.2.23 Desertification, development, and the “admirals” of Manchar Lake in Sind, Pakistan, *Economic Geography*, vol. 53, no. 4, October 1977


2.2.15 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 Place annihilation: area bombing and the fate of urban places, *Annals of the Association American Geographers*, vol. 73, no. 2, 1983

2.2.17 Seismic Risk and mountain environments: the role of surface conditions in earthquake disaster, *Mountain research and development*, vol. 3, no. 1, 1983

** *** Records of natural damming and related events in the Upper Indus Basin, *Indus*, vol. 10, no. 4, 1986

2.2.14 Risks and emergencies in Canada: a national overview, *Ontario geography*, no. 29, 1987

2.2.32 The social space of terror: a civil interpretation of total war, *Society and space*, vol. 5, no. 4, 1987

** *** Snow and ice studies in the Himalayas: probing the source of the Indus, *The I.D.R.C. reports*, vol. 16, no. 2, 1987

2.2.12 Catastrophic landslide deposits on the Karakoram Himalaya, *Science*, vol. 262, 1988

2.2.13 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


2.2.39 Our cities bombarded, *Geographical magazine, 1990


*** Mountain Hazards, *GeoJournal 27(1), 47-60, 1992

2.2.8 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 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

2.2.24 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

2.2.10 Städte nach dem Krieg Aspekte des Wiederaufbaus in Deutschland / Kenneth Hewitt, Josef Nipper, and Manfred Nutz. *Geographische Rundschau, August, 1993


2.2.7 Civil and inner city disasters: urban, social space of bomb destruction, *Erdkunde, bond 48, 1994


*** Glacier surges in the Karakoram Himalaya, Central Asia, *Earth and sky: journal of the American Geophysical Union, 1998

2.2.5 Glaciers receive a surge of attention in the Karakoram Himalaya, EOS Transactions, *American Geophysical Union, vol. 79, no. 8, 1998

2.2.6 Recent glacier surges in the Karakoram Himalaya, South Central Asia, *American Geophysical Union, 1998


2.2.4 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)
Reframing disaster policy: the global evolution of vulnerable communities,
*Environmental hazards: human and policy dimensions*, 1/1, 39-44, 1999

Safe place or catastrophic society? Perspectives on hazards and disasters in
Canada, *Canadian geographer*, vol. 44, no. 4, 2000

Catastrophic rock slides and the geomorphology of the Hunza and Gilgit River

Between Pinochet and Kropotkin: state terror, human rights and the
2001

Rock avalanches in the Karakoram Himalaya. Snow and Ice Hydrology Project,
Wilfrid Laurier University, Waterloo, Ontario

Changing forms and interpretations of disaster, social vulnerability and adaptive
capacities

Geomorphic hazards in mountain environments

Scientific discovery and environmental change in the Himalaya from original
field observations

Catastrophic landslides and the Upper Indus streams, Karakoram Himalaya,
northern Pakistan

Perspectives on development and small settlements in the Third World with
special reference to Pakistan

Nature: sacred and profane

Excluded perspectives in the social construction of disaster

Disaster surveys and data bases: getting national risk assessments started: a
discussion paper / Kenneth Hewitt for C.S.C. Disaster Management - Planning
Committee (3.1.2.4)

The Karakoram anomaly? Glacier expansion and the ‘elevation effect”,
Karakoram Himalaya, *Mountain research and development*, vol. 25, no. 4,
November 2005

Disturbance regime landscapes: mountain drainage systems interrupted by large

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

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

Catastrophic rock slope failures and late Quaternary developments in the Nanga
Parbat-Haramost Massif, Upper Indus basin, northern Pakistan / Kenneth
Hewitt. *Quaternary science reviews*, 2009

Glacially conditioned rock-slope failures and disturbance-regime landscapes,

Glacier and landslide feedbacks to topographic relief in the Himalayan syntaxes
/Oliver Korup, David R. Montgomery, and Kenneth Hewitt. *Proceedings of the*
2.2.50 Understanding glacial changes / Kenneth Hewitt. Chinadialogue, Feb. 0, 2010

2.3 Chapters in books

2.3.13 Adaptation to environmental stress: some probabilistic considerations. In *Game theory and its relevance*. Geographical Inter-University Resource Management Seminar (GIRMS)

2.3.16 The mountain environment and geomorphic processes. In *Alpine geomorphology of Western Canada* / edited by Slaymaker and McPherson, 1972

2.3.19 Risks and emergence at the national level: an introductory overview. Geographical Inter-University Resource Management Seminar (GIRMS)

2.3.7 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

2.3.6 The study of mountain lands and people: a critical overview. In *Human impact on mountains* / edited by Nigel J.R. Allan, Gregory W. Knapp and
Christoph Stadel, 1988


2.3.5 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*


2.3.17 The attitudinal distribution of Karakoram geomorphic processes and depositional environments. In *Himalaya to the sea: geology, geomorphology and the quaternary/* edited by J.F. Shroder, 1993


2.3.18 Hazards and disaster in mountain environments: problems in the geography of risk. In *Mountain Environments/* edited by N.J.R. Allan, 1995


2.3.1 Risks and disasters in mountain lands. In *Mountains of the world: a global priority/* edited by B. Messerli and J. Ives, 1997


2.3.20 Perspective on development and small settlements in the third world with special reference to Pakistan. In *Environment and development: community perspectives* / edited by Kirsten Johnson and Phil O'Keefe

2.3.21 Rock avalanches with complex run out and emplacement, Karakoram Himalaya, inner Asia. In *Landslides from massive rock slope failure* / edited by S.G. Evans et al., 2006

2.4 Conferences and seminars

2.4.8 Announcement of lecture, program of conference, etc.

2.4.5 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 Afforestation and the legacy of soil and water problems in Pakistan. *Ecology, Environment and Afforestation National Seminar*, Islamabad, October 1974


*** Climatic uncertainty and agricultural development in India and Pakistan: with special reference to the role of floods and droughts in recent food grain developments. Colloquium on Climatic Uncertainty and Food Supply, Wilfrid Laurier University, April, 1977

*** Environmental relations of the impact of economic development upon small settlements, Pakistan. Symposium on Village Level Change, International Studies Group, Clark University, May 1, 1977


*** Clima-geomorphic and Land-use Relations of Seismic Risk, Guest Lecture, Environmental Studies, University of Waterloo, 1979


*** Strong places and dominant locations: war organisation and the landscape. Hart House Seminar on Landscape and Thinking, No. II, University of Toronto, March, 1980

2.4.2 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)


2.4.7 War and peace in geographic education. Geography Teachers Day, Wilfrid Laurier University, April 10, 1981 (Abstract and program)

*** Research Design and Measurement Problems of Snow and Ice Research in High Mountain Areas Workshop on Snow and Ice Hydrology in South America, Santiago, Chile, International Hydrology Programme, UNESCO, December, 1984

*** Civilians at the sharp end. Science For Peace, University of Toronto Chapter, Trinity College, March, 1988


2.4.3 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


*** Glacier Catchments. Himalaya Cold Regions Research Centre Colloquium Waterloo, April 4, 1996


2.4.1 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


*** The social creation of vulnerability : an introduction, 22nd Annual Hazards Research and Application Workshop, Denver, Colorado, July 13-16, 1997

2.5 Reports
Natural damming and catastrophic floods on the Upper Indus. Prepared for the World Bank Consultants on Tarbela Dam, West Pakistan, 1967

Probability Theory and Discrete Natural Events, Discussion Paper No. 9, Natural Hazards Research Group, University of Toronto, 1969

A pilot survey of global natural disasters of the past twenty years. Natural hazard research, working paper no. 11, 1969

Probabilistic approaches to discrete natural events: a review and theoretical discussion. Natural hazard research, working paper no. 8, 1969


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


Report of the Consultative Meeting of Experts on the Statistical Study of Natural Hazards and Their Consequences. Paris, 25-28 April. UNESCO Disaster Division, Department of Environment (with other members of consulting group), 1972


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

Seismic risk and mountain environments: an interpretation of the geography of earthquake disasters. Wilfrid Laurier University research paper series no. 8021, 1980

Research needs in snow and ice hydrology of the Upper Indus Basin. Discussion Paper prepared for International Development Research Centre, Ottawa, 1982

Air war and the destruction of urban places. Wilfrid Laurier University research paper series no. 8244, 1982


Effects of man on geomorphic process in Canada. Wilfrid Laurier University research paper series no. 8460

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 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

*** Annual report of scientific activities and preliminary results. Snow and Ice Hydrology Research Project, (WAPDA-IDRC-WLU) (Editor and contributor), 1986
*** Annual report, Snow and Ice Hydrology Research Project, (WAPDA-IDRC-WLU) (Editor and contributor), 1987
*** Annual Report, Snow and Ice Hydrology Research Project, (WAPDA-WLU), 1989 (Editor and contributor)

SPECIAL COLLECTIONS Z 6004 N3H49 SC2789

2.5.14 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

2.5.4 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

2.6 Compiled books
2.6.2 A course reader: GG396, February 1998
2.6.3 Regions of risk: a geographic introduction to disasters. Course package for GG231, Winter 2001

2.7 Meetings

2.8 Critiques of Hewitt publications

3 Risk, hazards and disasters
3.1 General theoretical, technical and practical aspects: sources and contributions 1967 to present
3.1.1 General theories of disaster/risk
3.1.1.1 Articles
3.1.1.2 Books

3.1.1.2.1 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 El manejo popular de los desastres naturales / Andrew Maskrey, 1989
SPECIAL COLLECTIONS GB 5011.39 M37 SC602

3.1.1.2.3 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 UNDRO news continued by DHA news, 1988-1997 incomplete
SPECIAL COLLECTIONS HV 553 U16 SC791

3.1.1.2.5 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 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 Famines of the world: past and present / Cornelius Walford, 1879, 1970
Includes inventory and notes.

3.1.1.2.8 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 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 Assessing resilience and vulnerability in the context of emergencies: guidelines / Victorian Government Department of Human Services, Melbourne, 2000

3.1.1.2.11 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 Assessing resilience and vulnerability: principles, strategies and actions: guideline / Philip Buckle, Graham Marsh and Sydney Smale, May 2001

3.1.1.2.13 Economic theory and natural disaster behaviour / Howard C. Kunreuther. Economic and Political Studies Division, Institute for Defense Analyses, 1966

3.1.1.2.14 Human dimensions of weather modifications / W.R. Derrick Sewell, 1966
WLU Book Stacks H31 .C514 no.105

3.1.1.3 Adaptation theory

3.1.1.3.1 Articles

3.1.1.3.2 Hewitt notes
3.1.3.3 Disaster research around the world: study leave report / S. Noel Kiek.
Papua New Guinea University of Technology, 1982

3.1.4 Hazard theory, Hewitt notes
3.1.5 Probability and hazards
  3.1.5.1 Articles
  3.1.5.2 Hewitt notes
  SPECIAL COLLECTIONS QC 874.5 N37 SC2333

3.1.6 Hazard bibliographies
3.1.7 Hewitt notes and drafts

3.1.2 Emergency measures
  3.1.2.1 Articles
  3.1.2.2 Federal emergency planning
  3.1.2.3 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 Disaster surveys and data bases: getting national risk assessments started: a discussion paper / Kenneth Hewitt for C.S.C. Disaster Management - Planning Committee

3.2 Natural hazards
  3.2.1 Natural hazards in North America (including New Jersey investigations, 1972-1975)
    3.2.1.1 General investigations
      3.2.1.1.1 Hazard summaries
        3.2.1.1.1.1 World
        3.2.1.1.1.2 Case studies
        3.2.1.1.1.3 Inventories, summaries
        3.2.1.1.1.4 Disaster history: significant data on major disasters worldwide, 1900-present
      3.2.1.1.2 Hazards inventories: global, 1980's, 1990's
        3.2.1.1.2.1 Notes
        3.2.1.1.2.2 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 Working papers
        3.2.1.1.4.1 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 Geophysical hazard and risk assessment at a provincial scale: an interim report / Donald Alford. Prepared for Focus
3.2.1.1.4.3 Humanitarian Assistance USA, 1997

3.2.1.1.4.4 Confronting natural disasters: an international decade for natural hazard reduction

3.2.1.1.4.5 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

3.2.1.1.4.6 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 Notes on insurance against loss from natural hazards / Christopher K. Vaughn. Natural Hazard Research, working paper no. 21, 1971

3.2.1.1.4.8 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

3.2.1.1.4.9 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 The cost of natural disaster in the United States / Douglas Dacy. Economic and Political Studies Division, Institute for Defence Analysis, 1966

3.2.1.1.4.11 Texas droughts: causes, classification and prediction / John T. Carr, Jr. Texas Water Development Board, report 30, 1966

3.2.1.1.4.12 Hurricane hazard in Western Samoa / Deborah D. Paulson, 1993

3.2.1.1.4.13 Rainfall deciles as drought indicators / W.J. Gibbs and J.V. Maher, 1967

3.2.1.1.4.14 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
3.2.1.1.5 Articles
3.2.1.1.6 Natural hazards: general studies
3.2.1.1.6.1 Floods and droughts
   3.2.1.1.6.1.1 General
   3.2.1.1.6.1.2 India
   3.2.1.1.6.1.3 Mitigation
   3.2.1.1.6.1.4 World case studies
   3.2.1.1.6.1.5 Satellite mapping
   3.2.1.1.6.1.6 *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 Drought
   SPECIAL COLLECTIONS TC 530 M55 SC4453
3.2.1.1.6.2 Earthquakes
3.2.1.1.6.3 Extreme weather in the 90's
3.2.1.1.6.4 Wind
   3.2.1.1.6.4.1 *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 Dust storms
3.2.1.1.6.5 Cyclones
   3.2.1.1.6.5.1 Tropical cyclones
   3.2.1.1.6.5.2 Origin and areas of occurrence
   3.2.1.1.6.5.3 Articles
   3.2.1.1.6.5.4 Case studies: Bangladesh ‘91
   3.2.1.1.6.5.5 Typhoons
3.2.1.1.6.6 Hurricanes
   3.2.1.1.6.6.1 Caribbean/U.S inventories
   3.2.1.1.6.6.2 Physics and patterns
   3.2.1.1.6.6.3 Case studies: world
   3.2.1.1.6.6.4 *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 *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 Physics and patterns
   3.2.1.1.6.6.7 *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 Tornadoes
3.2.1.1.6.8 Hail
3.2.1.1.6.9 Snow
  3.2.1.1.6.9.1 Snow classification/physics
  3.2.1.1.6.9.2 Ice storms
  3.2.1.1.6.9.3 Ice storm 1998
  3.2.1.1.6.9.4 Patterns, problems
  3.2.1.1.6.9.5 General
3.2.1.1.6.10 Coastal hazards : fog, ice
3.2.1.1.6.11 Landslides and avalanches
  3.2.1.1.6.11.1 Articles
  3.2.1.1.6.11.2 Landslide hazard mapping and management in China / Li Tianchi, 1996
  SPECIAL COLLECTIONS QE 599 C6L5 SC2165
  3.2.1.1.6.11.3 Landslide hazard management and control in India / V.C. Thakur, 1996
  SPECIAL COLLECTIONS QE 599 I4T52 SC2164
  3.2.1.1.6.11.4 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 Postgraduate course in mountain risk engineering : course of study / edited by M.R. Dhital. Tribhuvan University Mountain Risk Engineering Unit, 1998
  SPECIAL COLLECTIONS QC 929 A8A93 SC3514
3.2.1.1.6.12 Volcanoes
  3.2.1.1.6.12.1 Articles
  3.2.1.1.6.12.2 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 Climate change
  3.2.1.1.6.13.1 Global
      3.2.1.1.6.13.1.1 Articles and notes
      3.2.1.1.6.13.1.2 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 Sea level rise
3.2.1.6.13.3 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

3.2.1.6.14 Risk and disaster: Latin America
  3.2.1.6.14.1 Articles
  3.2.1.6.14.2 Floods, Venezuela
  3.2.1.6.14.3 Project III: Earthquakes in the Andes Mountain Range, N.Y. Times recorded damage, 1945-1947
  3.2.1.6.14.4 Urban hazard inventory

3.2.1.6.15 Famine
  3.2.1.6.15.1 Articles and notes
  3.2.1.6.15.2 The 1959-61 famine in China: myth, reality or definitional problems / William A. Dando, 1982
SPECIAL COLLECTIONS HC 430 F3D36 SC975

3.2.1.6.16 Thunderstorm and lightning: articles
  3.2.1.6.17 Wildfires: forest, bush, grassland
  3.2.1.6.17.1 Articles
  3.2.1.6.17.2 Proceedings: Tall Timbers Fire Ecology Conference. 2nd, 4th, 5th, 7th
SPECIAL COLLECTIONS SD 411 T34 SC2270
  3.2.1.6.17.3 Indonesian forest fires

3.2.1.6.18 Hazards: Arctic and Sub Arctic, N.Y. Times recorded damage 1945-1974

3.2.1.6.19 Asian Disaster Research Centre

3.2.1.6.20 Outwitting the hazards: youth attacks the accident problem / Francis L. Bacon, 1941
SPECIAL COLLECTIONS HV 675 B25 SC2586

3.2.1.2 WLU student surveys 1980's, 1990's, 2001

3.2.3 Natural hazards in Pakistan with particular reference to the desertification project in the 1970's
  3.2.3.1 General background
  3.2.3.2 Water and power
  3.2.3.3 Waterlogging and salinity
  3.2.3.4 Desertification
  3.2.3.5 Marchar Lake and the ‘Admirals’ victims of desertification
  3.2.3.6 The Kalash of the Hindu Kush
    3.2.3.6.1 Articles
    3.2.3.6.2 Hewitt notes

3.2.3.7 Northern Areas Environmental Planning Conference and related, 1975

3.2.3.8 Pakistan ‘Land and Life’ project - Hewitt notes

3.2.3.9 Floods, 1990's

3.2.3.10 Ecology, environmental protection and afforestation, Proceedings of the National Seminar at Islamabad, Pakistan, October 21-24, 1974
3.2.3.11 Hazards, cultural responsibility: Hewitt notes

3.2.4 Earthquake risk project, 1974-1986 (funded SSHRC, WLU Office of Research, etc.) With particular emphasis on relations to earth surface conditions (habitat, geomorphology, hydrology, vegetation), human land use and settlements in vulnerable areas

3.2.4.1 Background documentation on earthquakes and seismic risk
3.2.4.1.1 Bibliographies
3.2.4.1.2 Third International Conference: Social and Economic Aspects of Earthquakes and Planning to Mitigate Their Impacts, 1981
3.2.4.1.3 Geophysics of earthquakes
3.2.4.1.4 Prediction and hazard mitigation
3.2.4.1.4.1 Articles
3.2.4.1.4.2 Geologic hazards and public problems: conference proceedings / edited by R.A. Olson, 1972
SPECIAL COLLECTIONS QE 598 G46 SC974
3.2.4.1.5 Physics and patterns
3.2.4.1.6 Ground motion and damage
3.2.4.1.7 General articles
3.2.4.1.8 Climatic relations of major earthquake disaster sites
3.2.4.1.9 Earthquakes: case studies
3.2.4.1.9.1 Articles / notes
3.2.4.1.9.2 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 Seismic risk: mountain environments
3.2.4.1.11 Earthquakes: global distribution data and maps. (Oversized maps are located in Tube 1)
3.2.4.1.12 Correlations between earthquake damage and strong ground motion
3.2.4.1.13 Books
3.2.4.1.13.1 Earthquake hazards reduction: issues for an implementation plan, 1978
SPECIAL COLLECTIONS TA 654.6 U54 SC583
3.2.4.1.13.2 Terremoto y sociedadi, 1987
SPECIAL COLLECTIONS HV 600 1985 M48T47 SC584
3.2.4.1.13.3 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 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 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 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 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 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 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 Earthquakes in the Himalayan Region / S.K. Bangerji, 1957

3.2.4.1.13.11 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 The Lisbon earthquake / T.D. Kendrick, 1956
WLU Book Stacks DP 762 K4

3.2.4.1.13.13 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 Hewitt notes
3.2.4.1.15 Artificially caused earthquakes

3.2.4.2 Regional background for areas with frequent earthquake disasters
3.2.4.2.1 Ecuador

3.2.4.2.2 Mapa geologico de Chile (6 sheets),1982
SPECIAL COLLECTIONS G 5331 C5 1980 C5 SC1695

3.2.4.3 Earthquake disaster inventory and documentation of events, 1900-2000
3.2.4.3.1 Earthquake inventory - summaries
Listing incomplete. See also 3.2.4.3.2
3.2.4.3.1.1 1946-1976
3.2.4.3.1.2 1976-1989
3.2.4.3.1.3 1990-
3.2.4.3.2 Sites
Listing incomplete. See also 3.2.4.3.1

1906
April 18  USA
The California earthquake of April 18, 1906 : report of the State
Earthquake Investigation Commission, Volume I, Part 2 / Andrew C.
Lawson, Chair, 1908

1929
Nov. 18  Newfoundland

1953
Feb. 12  Iran

1959
Aug. 17  Montana

1960
May 21  Chile
Feb. 29  The Agadir, Morocco earthquake, February 29, 1960 /
Committee of Structural Steel Products of America Iron and
Steel Institute, 1962
SPECIAL COLLECTIONS TH 1095 A52 SC1490

1963
July 26  The Skojpe earthquake of 26 July 1963 / Report of the Unesco
Technical Assistance, 1968
SPECIAL COLLECTIONS QE 536.2 M27U5 SC971

1964
June 16  Japan
July 6   Mexico

1965
March 28  Chile
April 5  Greece
April 29  Washington, Puget Sound
May 3   El Salvador

1966
March 7, 22  China
March 20  Uganda
June 27  Nepal
Sept. 2  Greece
Oct. 17  Peru

1967
Feb. 9   Columbia
Feb. 19  Indonesia
May 1   Greece
July 22  Turkey
July 26  Turkey
July 29          Columbia
Dec. 10         India

1968
Jan. 15          Italy
May 1           Iran
May 16          Japan
May 24          New Zealand
Aug. 1          Philippines
Aug. 31         Iran
Sept. 3         Turkey

1969
Jan. 3          Iran/USSR
March 28        Israel
March 28        Turkey, West
July 25         China, Eastern
Sept. 29        Republic of South Africa
Oct. 1          Peru
Oct. 2          California
Oct. 26         Yugoslavia

1970
March 28        Turkey
May 31          Peru, Northern
July 30         Iran
Oct. 10         Algeria
Oct. 31         New Guinea
Dec. 10         Peru-Ecuador border

1971
Feb. 6          Italy, Central
Feb. 9          California, San Fernando Valley
May 12          Turkey
May 22          Turkey, Eastern
July 8          Chile, Central

1972
April 10        Iran
May 30-June 21  Italy
Dec. 23         Nicaragua

1973
Jan. 30         Mexico
Feb. 21         California, Southern
April 26        Hawaii
Aug. 28         Mexico

1974
Feb. 1          Turkey
May 10         China
Oct. 3       Peru
Dec. 28      Idus Kohistan

1975
Jan. 19      India, Northern
Sept. 6      Turkey, Eastern
Nov. 29      Hawaii

1976
Jan. 14      New Zealand
Feb. 4       Guatemala
March 19     Afghanistan, Northern
May 6        Italy
June 21      *Friuli, 6 maggio ore 21.06*
               SPECIAL COLLECTIONS DG 975 F855F74 SC2868
July 27      China
Aug. 16      Philippines
Oct. 29      Indonesia
Nov. 24      Turkey, Eastern

1977
March 4      Romania
               *Observations on the behavior of buildings in the Romania*
               *earthquake of March 4, 1977 / US Dept. of Commerce*
               SPECIAL COLLECTIONS TH 1095 F37 SC591
March 21     Iran, Southern
April 6      Iran
May 26       Turkey-Iran border
June 19      Greece
June 22      Targa Island region
Aug. 19      Sumbawa Island
Aug. 19      Indonesia, Eastern
Aug. 27      Timor
Nov. 23      Argentina, Northwest
Dec. 10      Iran
Dec. 19      Iran
Dec. 20      Iran, Southern

1978
Jan. 14      Japan
Feb. 15      Turkey
Feb. 20      Japan
Feb. 22      Guatemala
March 11     Italy, Southern
March 12     China
March 14     Mexico
March 16     Pakistan
April 15     Sicily
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 12</td>
<td>Japan</td>
</tr>
<tr>
<td>June 20</td>
<td>Greece</td>
</tr>
<tr>
<td>July 4</td>
<td>Greece</td>
</tr>
<tr>
<td>July 29</td>
<td>Guatemala</td>
</tr>
<tr>
<td>Aug. 3</td>
<td>Chile, Northern</td>
</tr>
<tr>
<td>Aug. 13</td>
<td>California</td>
</tr>
<tr>
<td>Sept. 3</td>
<td>Germany, Southwestern</td>
</tr>
<tr>
<td>Sept. 16</td>
<td>Iran</td>
</tr>
<tr>
<td>Nov. 29</td>
<td>Mexico</td>
</tr>
<tr>
<td>Dec. 14</td>
<td>Iran, Western</td>
</tr>
</tbody>
</table>

**1979**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 16</td>
<td>Iran</td>
</tr>
<tr>
<td>Feb. 16</td>
<td>Peru</td>
</tr>
<tr>
<td>April 15</td>
<td>Yugoslavia</td>
</tr>
<tr>
<td>March 14</td>
<td>Mexico</td>
</tr>
<tr>
<td>May 24</td>
<td>Yugoslavia</td>
</tr>
<tr>
<td>May 30</td>
<td>Bali Island region</td>
</tr>
<tr>
<td>July 1</td>
<td>Panama-Costa Rica border</td>
</tr>
<tr>
<td>July 9</td>
<td>China</td>
</tr>
<tr>
<td>Aug. 6</td>
<td>California, Northern</td>
</tr>
<tr>
<td>Aug. 24</td>
<td>China, Northern</td>
</tr>
<tr>
<td>Sept. 12</td>
<td>Iran region, West</td>
</tr>
<tr>
<td>Sept. 13</td>
<td>Jakarta</td>
</tr>
<tr>
<td>Sept. 19</td>
<td>Italy, Central</td>
</tr>
<tr>
<td>Oct. 9</td>
<td>Guatemala</td>
</tr>
<tr>
<td>Oct. 15</td>
<td>California</td>
</tr>
<tr>
<td>Oct. 20</td>
<td>Bali Island region</td>
</tr>
<tr>
<td>Oct. 27</td>
<td>Guatemala</td>
</tr>
<tr>
<td>Nov. 2</td>
<td>Java</td>
</tr>
<tr>
<td>Nov. 6</td>
<td>Greece-Albania border</td>
</tr>
<tr>
<td>Nov. 14</td>
<td>Iran</td>
</tr>
<tr>
<td>Nov. 23</td>
<td>Columbia</td>
</tr>
<tr>
<td>Nov. 24</td>
<td>Columbia, West</td>
</tr>
<tr>
<td>Nov. 27</td>
<td>Iran, North-East</td>
</tr>
<tr>
<td>Dec. 12</td>
<td>Ecuador</td>
</tr>
<tr>
<td>Dec. 13</td>
<td>Columbia, South</td>
</tr>
<tr>
<td>Dec. 15</td>
<td>Sumatera, Southern</td>
</tr>
<tr>
<td>Dec. 17</td>
<td>Bali Island region</td>
</tr>
</tbody>
</table>

**1980**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 1</td>
<td>Azores</td>
</tr>
<tr>
<td>Jan. 24</td>
<td>California, Central</td>
</tr>
<tr>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>----------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>May 18</td>
<td>Yugoslavia</td>
</tr>
<tr>
<td>June 9</td>
<td>California-Nevada border</td>
</tr>
<tr>
<td>June 29</td>
<td>Japan</td>
</tr>
<tr>
<td>July 9</td>
<td>Greece</td>
</tr>
<tr>
<td>July 29</td>
<td>Nepal</td>
</tr>
<tr>
<td>Aug. 9</td>
<td>Honduras, Northern</td>
</tr>
<tr>
<td>Aug. 18</td>
<td>Ecuador</td>
</tr>
<tr>
<td>Aug. 23</td>
<td>Kashmir-Indian border</td>
</tr>
<tr>
<td>Sept. 23</td>
<td>Japan</td>
</tr>
<tr>
<td>Oct. 10</td>
<td>Algeria</td>
</tr>
<tr>
<td>Oct. 24</td>
<td>Mexico, Central</td>
</tr>
<tr>
<td>Nov. 8</td>
<td>Algeria</td>
</tr>
<tr>
<td>Nov. 12</td>
<td>Peru</td>
</tr>
<tr>
<td>Nov. 23</td>
<td>Italy, South</td>
</tr>
<tr>
<td>Nov. 26</td>
<td>Venezuela</td>
</tr>
<tr>
<td>Dec. 7</td>
<td>Algeria</td>
</tr>
<tr>
<td>Dec. 14, 22</td>
<td>Iran</td>
</tr>
</tbody>
</table>

**1981**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 19</td>
<td>Iran, West</td>
</tr>
<tr>
<td>Jan. 23</td>
<td>China</td>
</tr>
<tr>
<td>Feb. 14</td>
<td>Italy, Southern</td>
</tr>
<tr>
<td>Feb. 24, 25</td>
<td>Greece, Athens area</td>
</tr>
<tr>
<td>March 4, 7</td>
<td>Greece, Athens area</td>
</tr>
<tr>
<td>March 6</td>
<td>Ecuador</td>
</tr>
<tr>
<td>March 10</td>
<td>Greece-Albania border</td>
</tr>
<tr>
<td>April 18</td>
<td>Peru</td>
</tr>
<tr>
<td>June 11</td>
<td>Iran, Southern</td>
</tr>
<tr>
<td>June 22</td>
<td>Peru</td>
</tr>
<tr>
<td>Aug. 13</td>
<td>Yugoslavia</td>
</tr>
<tr>
<td>Sept.</td>
<td>Pakistan</td>
</tr>
<tr>
<td>Sept. 12</td>
<td>Kashmir</td>
</tr>
<tr>
<td>Oct. 18</td>
<td>Venezuela</td>
</tr>
<tr>
<td>Oct. 25</td>
<td>Mexico</td>
</tr>
<tr>
<td>Dec. 12</td>
<td>Pakistan</td>
</tr>
</tbody>
</table>

**1982**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb. 10</td>
<td>Java</td>
</tr>
<tr>
<td>March 21</td>
<td>Japan</td>
</tr>
<tr>
<td>March 28</td>
<td>Peru</td>
</tr>
<tr>
<td>June 4</td>
<td>Poland</td>
</tr>
<tr>
<td>June 7</td>
<td>Mexico</td>
</tr>
<tr>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>June 15</td>
<td>China</td>
</tr>
<tr>
<td>June 19</td>
<td>El Salvador</td>
</tr>
<tr>
<td>Sept. 29</td>
<td>Guatemala, South East</td>
</tr>
<tr>
<td>Nov. 16</td>
<td>Algeria</td>
</tr>
<tr>
<td>Dec. 13</td>
<td>Yemen</td>
</tr>
<tr>
<td>Dec. 15</td>
<td>Bahrain</td>
</tr>
<tr>
<td>Dec. 15</td>
<td>Hindu Kush region</td>
</tr>
<tr>
<td>Dec. 25</td>
<td>Flores Island region</td>
</tr>
</tbody>
</table>

**1983**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb. 13</td>
<td>China</td>
</tr>
<tr>
<td>March 25</td>
<td>Greece</td>
</tr>
<tr>
<td>March 31</td>
<td>Columbia</td>
</tr>
<tr>
<td>May 2</td>
<td>California</td>
</tr>
<tr>
<td>May 26</td>
<td>Japan</td>
</tr>
<tr>
<td>July 3</td>
<td>Costa Rica</td>
</tr>
<tr>
<td>July 5</td>
<td>Turkey</td>
</tr>
<tr>
<td>July 22</td>
<td>Iran, Western</td>
</tr>
<tr>
<td>Aug. 8</td>
<td>Japan</td>
</tr>
<tr>
<td>Aug. 17</td>
<td>Philippine Islands</td>
</tr>
<tr>
<td>Oct. 4</td>
<td>Chile, Northern Coast</td>
</tr>
<tr>
<td>Oct. 28</td>
<td>Idaho</td>
</tr>
<tr>
<td>Oct. 30</td>
<td>Turkey</td>
</tr>
<tr>
<td>Nov. 6</td>
<td>China, Eastern</td>
</tr>
<tr>
<td>Nov. 8</td>
<td>Belgium</td>
</tr>
<tr>
<td>Nov. 9</td>
<td>Italy, Northern</td>
</tr>
<tr>
<td>Nov. 16</td>
<td>Hawaii</td>
</tr>
<tr>
<td>Dec. 22</td>
<td>Africa, North West</td>
</tr>
<tr>
<td>Dec. 30</td>
<td>Hindu Kush region</td>
</tr>
</tbody>
</table>

**1984**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb. 1</td>
<td>Afghanistan</td>
</tr>
<tr>
<td>March 16</td>
<td>Hindu Kush region</td>
</tr>
<tr>
<td>March 19</td>
<td>U.S.S.R., Uzbek</td>
</tr>
<tr>
<td>March 27</td>
<td>New Guinea, North Coast Papua</td>
</tr>
<tr>
<td>April 24</td>
<td>California, Central</td>
</tr>
<tr>
<td>April 29</td>
<td>Italy, Central</td>
</tr>
<tr>
<td>May 7, 11</td>
<td>Italy</td>
</tr>
<tr>
<td>Aug. 27</td>
<td>Northern Sumatra</td>
</tr>
<tr>
<td>Sept. 13</td>
<td>Japan</td>
</tr>
<tr>
<td>Sept. 18</td>
<td>Turkey</td>
</tr>
<tr>
<td>Dec. 30</td>
<td>India-Bangladesh border region</td>
</tr>
</tbody>
</table>

**1985**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 26</td>
<td>Argentina</td>
</tr>
<tr>
<td>Feb. 2</td>
<td>Iran, Southern</td>
</tr>
<tr>
<td>March 3</td>
<td>Chili, Central costal</td>
</tr>
<tr>
<td>Date</td>
<td>Location</td>
</tr>
<tr>
<td>----------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>March 18</td>
<td>Philippine Islands</td>
</tr>
<tr>
<td>March 29</td>
<td>China</td>
</tr>
<tr>
<td>April 18</td>
<td>China</td>
</tr>
<tr>
<td>April 24</td>
<td>Philippine Islands</td>
</tr>
<tr>
<td>July 29</td>
<td>Hindu-Kush Region</td>
</tr>
<tr>
<td>Aug. 21</td>
<td>Peru, Northern</td>
</tr>
<tr>
<td>Aug. 23</td>
<td>China</td>
</tr>
<tr>
<td>Sept. 11</td>
<td>China</td>
</tr>
<tr>
<td>Sept. 15</td>
<td>Iran, West</td>
</tr>
<tr>
<td>Sept. 15</td>
<td>Yugoslavia</td>
</tr>
<tr>
<td>Sept. 19</td>
<td>Mexico, Central</td>
</tr>
<tr>
<td></td>
<td><strong>Articles</strong></td>
</tr>
<tr>
<td></td>
<td><em>El Terremoto: una version corregida</em> / Francisco J. Nunez de la Pena and Jesus Orozco, 1988</td>
</tr>
<tr>
<td></td>
<td>SPECIAL COLLECTIONS F 1386.3 N86 SC967</td>
</tr>
<tr>
<td>Oct. 11</td>
<td>Guatemala</td>
</tr>
<tr>
<td>Oct. 13</td>
<td>U.S.S.R., Tazik</td>
</tr>
<tr>
<td><strong>1986</strong></td>
<td></td>
</tr>
<tr>
<td>Jan. 11</td>
<td>Peru</td>
</tr>
<tr>
<td>Jan. 29</td>
<td>Sumatra, Southern</td>
</tr>
<tr>
<td>April 5</td>
<td>Peru</td>
</tr>
<tr>
<td>April 26</td>
<td>Kashmir-India border region</td>
</tr>
<tr>
<td>May 5</td>
<td>Turkey</td>
</tr>
<tr>
<td>May 13</td>
<td>Turkey</td>
</tr>
<tr>
<td>June 6</td>
<td>Turkey, Suez area</td>
</tr>
<tr>
<td>June 11</td>
<td>Venezuela</td>
</tr>
<tr>
<td>July 8</td>
<td>California, Southern</td>
</tr>
<tr>
<td>Aug. 30</td>
<td>Romania</td>
</tr>
<tr>
<td>Sept. 13</td>
<td>Greece, Southern</td>
</tr>
<tr>
<td>Oct. 10</td>
<td>El Salvador</td>
</tr>
<tr>
<td><strong>1987</strong></td>
<td></td>
</tr>
<tr>
<td>Oct. 1</td>
<td>California, Southern</td>
</tr>
<tr>
<td>Nov. 24</td>
<td>California-Mexico border</td>
</tr>
<tr>
<td>Nov. 26</td>
<td>Timor</td>
</tr>
<tr>
<td><strong>1988</strong></td>
<td></td>
</tr>
<tr>
<td>Aug. 22</td>
<td>India/Nepal</td>
</tr>
<tr>
<td>Nov. 7</td>
<td>China, South</td>
</tr>
<tr>
<td>Dec. 12</td>
<td>Soviet Armenia</td>
</tr>
<tr>
<td><strong>1989</strong></td>
<td></td>
</tr>
<tr>
<td>1989</td>
<td>California</td>
</tr>
<tr>
<td>Jan. 23</td>
<td>Tajikistan</td>
</tr>
<tr>
<td>May 7</td>
<td>Burma/China border</td>
</tr>
<tr>
<td>Aug. 1</td>
<td>West Iranian Jaya</td>
</tr>
<tr>
<td>Oct. 17</td>
<td>California, San Francisco</td>
</tr>
</tbody>
</table>
Oct. 29  Algeria  
Dec. 27  Australia

1990
Feb. 29  California, Southern  
April 26  China  
May 30  Peru  
May 30  Romania  
June 14  China  
June 20  Iran  
July 6  Indonesia  
July 16  Philippines  
Nov. 6  Iran  
Nov. 15  Indonesia

1991
Jan. 31  Pakistan  
April 5  Peru  
April 22  Costa Rica  
April 29  Republic of Georgia  
June 28  California, Pasadena  
July 4  Indonesia  
Oct. 19  India

1992
March 13  Turkey  
April 25  California  
Aug. 19  Kyrgyzstan  
Sept. 2  Nicaragua  
Oct. 12  Egypt  
Dec. 12  Indonesia

1993
July 12  Japan  
Aug. 8  Guam  
Sept. 21  Oregon  
Sept. 29  India  
Oct. 13  New Guinea

1994
1994  California, Los Angeles  
Jan. 17  California, Southern  
Jan. 17  Equador  
Feb. 15  Indonesia  
June 2  Indonesia  
June 6  Columbia  
Aug. 18  Algeria, Northern  
Nov. 14  Philippines  
Dec. 28  Japan
Dec. 31  China

1995
Jan. 17  Japan
Feb. 8  Colombia
May 13  Greece
May 27  U.S.S.R
June 15  Greece
Oct. 1  Turkey
Oct. 7  Indonesia
Oct. 9  Mexico

1996
Feb. 17  Indonesia
Mar. 28  Ecuador
Nov. 12  Peru

1997
Jan. 21  China
Feb. 4  Iran
Feb. 27  Pakistan
Feb. 28  Iran
May 10  Iran
May 21  India
July 9  Venezuela
Sept. 26  Italy, Central

1998
Jan. 10  China, Northeastern
Feb. 4  Afghanistan/Tajikistan border
March 14  Iran
May 22  Bolivia, Central
May 30  Afghanistan/Tajikistan
June 27  Turkey
July 17  Papua New Guinea

1999
Jan. 25  Columbia
Feb. 11  Afghanistan
May 28  Xizang/India border
Aug. 17  Turkey
Sept. 7  Greece, Athens
Sept. 20  Taiwan

2001
El Salvador
Gujarat-India

June 23  Peru

3.2.4.4  Mountain lands and ‘ecotonal risk’ in the Basal Zone
3.2.4.4.1  High mountain environments - bibliographies
3.2.4.4.2 Articles
3.2.4.4.3 Mountain region problems
3.2.4.4.4 Ecotonal settlement
3.2.4.4.5 Risk
3.2.4.4.6 Disaster inventories
3.2.4.4.7 Vegetation
3.2.4.4.8 S.E. Asia
3.2.4.4.9 Hewitt reports and notes
3.2.4.4.10 July 1980 reports
3.2.4.4.11 Correspondence
3.2.4.4.12 Pakistan research proposal
3.2.4.4.13 Earthquakes : inventories
3.2.4.4.14 Ecotone : articles
3.2.4.4.15 Environmental change : articles
3.2.4.4.16 Climate, mountain environments : articles
3.2.4.4.17 Earthquakes and mountains : 1979 data and report
3.2.4.4.18 Earthquake felt report for Alaska (sorted by intensity & date within the city). Alphabetical and chronological lists.

3.2.4.5 Maps and other documentation of earthquake sites in the Mediterranean basin and S.W. Asia.
3.2.4.5.1 Mediterranean geoecology
3.2.4.5.2 Earthquake disasters : examples
3.2.4.5.3 Disasters and history
3.2.4.5.4 Natural hazards
3.2.4.5.5 Mountain societies
3.2.4.5.6 Earthquake - maps and atlases
3.2.4.5.7 Earthquakes and civilization - Hewitt & Vallilles
3.2.4.5.8 Iran
   3.2.4.5.8.1 Resources and resource appraisals
   3.2.4.5.8.2 Iran : biophysical conditions
3.2.4.5.9 Geology and history of Sicily / edited by Walter Alvarez and K.H.A. Gohrbrandt, 1970
3.2.4.5.10 Biophysical
3.2.4.5.11 Hazard, risk - human exposure
3.2.4.5.12 Human, biological and societal adaptations
3.2.4.5.13 Nepal
   3.2.4.5.13.1 Biophysical
   3.2.4.5.13.2 Human biological and societal adaptations
   3.2.4.5.13.3 Environmental changes
3.2.4.5.14 S.W. Asia
   3.2.4.5.14.1 Bibliography
   3.2.4.5.14.2 Environmental changes
   3.2.4.5.14.3 Biophysical conditions
   3.2.4.5.14.4 Mountain societies
3.2.4.5.14.5 General

3.2.4.5.15 Turkey
  3.2.4.5.15.1 Earthquakes
  3.2.4.5.15.2 General
  3.2.4.5.15.3 Mountain societies
  3.2.4.5.15.4 Bibliography
  3.2.4.5.15.5 Research
  3.2.4.5.15.6 Human biological and societal adaptations
  3.2.4.5.15.7 Environmental changes

3.2.4.5.16 Pakistan
  3.2.4.5.16.1 Resources and resource appraisals
  3.2.4.5.16.2 Natural disasters
  3.2.4.5.16.3 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
  3.2.4.5.16.4 Human environment in Pakistan: problems, prospects, and proposals / prepared by Committee on Human Environment, 1973

3.2.4.5.17 Afghanistan
  3.2.4.5.17.1 Biophysical conditions
  3.2.4.5.17.2 Resources and resource appraisals
  3.2.4.5.17.3 Environmental changes
  3.2.4.5.17.4 Mountain societies

3.2.4.5.18 Italy
  3.2.4.5.18.1 Earthquake
  3.2.4.5.18.2 General catalogue of Italian earthquakes / M.T. Carrozzo et al., 1972

3.2.4.5.18.2

3.2.5 Technological, disease and other hazards
  3.2.5.1 Articles
  3.2.5.2 Tobacco: articles

3.3 Risks and disaster ideas
  3.3.1 Vulnerability and related notions of risk and disaster, including RADIX study group
  3.3.2 Los desastres no son naturales / edited by A. Maskrey, 1993
  3.3.3 Articles
  3.3.4 Risk in the city
    3.3.4.1 Articles
    3.3.4.2 Approaches to the study of the environmental implications of contemporary urbanization / edited by Rodney White and Ian Burton. MAB technical
3.3.5 Vulnerability: ethnicity, race and vulnerability to disaster
3.3.6 World Conference on Natural Disasters 2001, Kobe, 5-7 February 2001
3.3.7 General/notes

3.4 Risks and disasters in Canada: late twentieth century

3.4.1 Natural hazards
    3.4.1.1 Earthquakes
    3.4.1.2 Tsunami
    3.4.1.3 Canadian disaster inventories
        3.4.1.3.1 General
        3.4.1.3.2 Federal Emergency Preparedness Inventory
    3.4.1.4 Floods
        3.4.1.4.1 Articles
        3.4.1.4.2 *Irrigation drainage and flood control in Canada* / edited by Aly M. Shady, June 1989
            SPECIAL COLLECTIONS TC 826 I77 SC2334
    3.4.1.5 Weather hazards
    3.4.1.6 Tri-Lateral Workshop on Natural Hazards, Sam Jakes Inn, Merrickville, Canada, 1995
        3.4.1.6.1 *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 Background information
    3.4.1.7 Landslides
        3.4.1.7.1 Articles
        3.4.1.7.2 St. Jean Vianney disaster, Quebec, 20th April, 1972
    3.4.1.8 Canadian meteorological milestones / compiled by Morley K. Thomas. Environment Canada
    3.4.1.9 *Tornadoes: emergency preparedness for the Waterloo Region District School Board* / Cheryl Robertson, 2000

3.4.2 CNR hazard incidents inventory

3.4.3 Health hazards
    3.4.3.1 Plagues
    3.4.3.2 Bovine spongiform encephalopathy and Cretuzfeldt-Jakob disease
    3.4.3.3 *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 Disease
    3.4.3.5 Tobacco
    3.4.3.6 Alcohol
    3.4.3.7 Social hazards
3.4.3.8 Gambling
3.4.3.9 Tuberculosis
3.4.4 Transportation hazards
3.4.4.1 Air line accidents
3.4.4.2 Drinking and driving
3.4.4.3 Marine accidents
3.4.4.4 Vehicular safety
3.4.4.5 Annual traffic reports
3.4.4.6 Railway hazards
3.4.5 Environmental risks
3.4.5.1 General
3.4.5.2 Fishing industry
3.4.5.3 Forest lands hazards
3.4.5.4 Unsafe drinking water
3.4.5.5 Mining and environmental damage
3.4.6 Technological hazards
3.4.6.1 Fires
3.4.6.2 Toxic chemical hazards
3.4.6.3 Nuclear safety
3.4.7 Regional
3.4.7.1 Atlantic Canada
3.4.7.2 British Columbia
3.4.7.3 Ontario
  3.4.7.3.1 General
  3.4.7.3.2 Agriculture
  3.4.7.3.3 Northern Ontario
3.4.8 First Nations
3.4.8.1 Articles
3.4.8.2 Communicating about contaminates in country food: the experience in
    Aboriginal communities, 1995
    SPECIAL COLLECTIONS RA 601 C648 SC2335
3.4.9 Crime

3.5 Environmental change, abuse, degradation, and disasters
3.5.1 Desertification
3.5.1.1 Articles
3.5.1.2 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 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 La jachere en Afrique tropicale / C. Floret, R. Pontanier, G. Serpantie, 1993
    SPECIAL COLLECTIONS S 602.8 F567 SC4001.63

31
3.5.3 Arctic pollution: Polar regions
3.5.4 Articles

3.6 Mountain region hazards and disasters
3.6.1 Natural hazards in Montane Regions
   3.6.1.1 Maps
   3.6.1.2 Himalayan Region, survey to 1995
3.6.2 Risks from large dams
   3.6.2.1 Articles
   3.6.2.2 The Narmada, India
3.6.3 Aletsch Conference
3.6.4 Hewitt notes

3.7 Newspaper clippings

3.8 Conferences
3.8.1 Hemispheric Congress on Disaster Reduction and Sustainable Development. Proceedings, 1997
3.8.2 Hazards Research and Applications Workshop, 1997

3.9 Disasters and insurance
3.9.1 Articles
3.9.2 *Schaden spiegel: losses and loss prevention* / Munich Reinsurance Company, 2003
3.9.3 *Perspectives: today’s ideas for tomorrow’s world: the simplified environmental statement of the Munich Reinsurance Company 2001* / Munich Reinsurance Company, 2002

3.10 Disease hazards
3.10.1 Articles
3.10.2 Epidemics in history
3.10.3 Sexually transmitted diseases (except HIV)
3.10.4 AIDS/HIV
3.10.5 Drugs (medicinal)
3.10.6 Disability

3.11 Technological hazards
3.11.1 Articles
3.11.2 Y2K
3.11.3 Environmental risks: toxic pollution
3.11.4 Structural risk/disasters
3.11.5 Bhopal
3.11.6 Nuclear hazards
3.11.7 Pesticides: chlorpyrifos case study
3.11.8  Genetically modified foods
3.11.9  Soft drinks
3.11.10  Industrial explosions
3.11.11  Aviation hazards/air crashes
3.11.12  Exxon Valley file (oil spill)

3.12  Drugs/illega trafficking

3.13  Biological hazards
3.13.1  Articles
3.13.2  Lyne disease
3.13.3  Pests and weeds

3.14  Foot and mouth disease

3.15  Disasters and human rights
3.15.1  Articles
3.15.2  Rights and hazards : women and children

4  Armed violence/peace research : hazards of war and armed repression for civilian populations, settlements, and habitats
4.1  Conceptual and ethical issues of war and civil life
4.1.1  Articles
4.1.2  War inventories and statistics, military expenditures
4.1.2.1  Articles
4.1.2.2  Bibliographies
4.1.3  War and the city
4.1.3.1  General
4.1.3.2  Sieges and civilians
4.1.4  Human rights, ‘laws of war’, tribunals
4.1.5  Guatemala : tribunals, etc.
4.1.6  Non-violence and peace proposals
4.1.7  Peace keeping

4.2  Air Power and Assaults on Human Settlements Project, 1911-2000
4.2.1  General background and miscellaneous early uses of bombing of settlements
4.2.1.1  Wars and population / B. Urlanis, 1971
4.2.1.2  Articles and notes
4.2.1.3  Disaster through air power / Marshall Andrews, 1950
4.2.1.4  Air defence / Major-General E.B. Ashmore, 1929
4.2.1.5  Souvenirs de Paisiennes en temps de guerre / Mme Camille Clermont, 1918
4.2.1.6  “Morale bombing” background
4.2.1.6.1  Table of contents
4.2.1.6.2 Effects of bombing on morale of youth and education
4.2.1.6.3 Outline plan for full-out attacks on undefended towns in Germany, 1944
4.2.1.6.4 Contemplated plans for strategic bombings of Germany, including crop destruction and creating morale damage
4.2.1.6.5 Notes on operation “Razzel”, crop and forest destruction
4.2.1.6.6 Incendiary raids on German cities and planning of incendiary attacks

4.2.1.7 Italian air power
4.2.1.8 The defence of the United Kingdom / Basil Collier, 1957
4.2.1.9 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 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 First World War maps and diagrams
4.2.1.12 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 V-2 / Walter Dornberger. Translated by James Cleugh and Geoffrey Halliday, 1958
4.2.1.14 Anti-aircraft : a history of defence / Ian V. Hogg, 1978
4.2.1.15 War on great cities : a study of the facts / Frank Morison
4.2.1.16 The revolution in warfare / B.H. Liddell Hart, 1947
4.2.1.17 World War I raids

4.3 World War II
4.3.1 Archival and local materials
4.3.1.1 USSBS reports
4.3.1.1.1 Microfilm

SPECIAL COLLECTIONS
4.3.1.1.2 WWII bombing project : Index to records
4.3.1.1.3 Articles
4.3.1.1.4 Biblio Archives index
4.3.1.1.5 Public Record Office, UK
4.3.1.1.6 US strategic bombing survey, Germany and Japan
4.3.1.1.6.1 Archival

SPECIAL COLLECTIONS CD 3022 A2G86 SC2153
4.3.1.1.6.3 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 National archives : bombed allies maps (negative)
4.3.1.8 U.S. Office of Strategic Services and Coordinator of Information
- The effects of the strategic bombardment of Europe
- Changes in the German plan for the distribution of air-raid evacuees over greater Germany and their significance
- Significance of the German ration reductions of April, 1942
- The war and German nutrition
- German military and economic position
- Survey of greater Germany

4.3.1.2 Background information

4.3.1.3 *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 German cities
4.3.2.1 Articles and archival
4.3.2.1.1 General
4.3.2.1.2 The United States strategic bombing survey : summary report (European War), September 30, 1945
4.3.2.1.3 The United States strategic bombing survey : over-all report (European War), September 30, 1945
4.3.2.1.4 Industrial health
4.3.2.1.5 Vital statistics
4.3.2.1.6 The effect on bombing on health and medical care in Germany / The United States Strategic Bombing Survey, 1947
4.3.2.1.7 Strategic bombing, *The Times*, 5 July 1945
4.3.2.1.8 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 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 Casualties by kreise (districts) : East Prussia and Selesia / Reichs Statistisches Amt.
4.3.2.1.10 Morale reports from Koblenz
4.3.2.1.11 Tonnage of bombs dropped on German cities; Research on attacks (efficiency); Bomb definitions; Damage maps
4.3.2.1.12 Comments of casualty : bombed out data, Germany-Austria
4.3.2.1.13 Personal injuries due to air raids
4.3.2.1.14 Rise and fall of German war economy, 1939-1945 / Dr. Rolf Wagenfuehr
4.3.2.1.15 Effect of air war against war economy
4.3.2.1.16 Central industrial region of Germany / Office of Strategic Services, 1944
4.3.2.1.17 Der Luftkrieg uber Deutschland / Franz Kurowski
4.3.2.1.18 Bombing experience and old age
4.3.2.1.19 Building material management by the organization Todt
4.3.2.1.20 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 Report about the providing of food and food within the years 1932 to 1939 and 1939 to 1945
4.3.2.1.22 Main foodstuff statistics
4.3.2.1.23 Emergency feeding after air raids in Germany
4.3.2.1.24 Interview with officials / U.S. Strategic Bombing Survey
4.3.2.1.25 Fixation of value of household furniture
4.3.2.1.26 Summary : analysis of captured German civilian mail
4.3.2.1.27 Woman’s place in Germany / Alice Hamilton, 1964
4.3.2.1.28 Observations on the breakdown of the Reich in political and moral regards, 1945
4.3.2.1.29 Religion and church
4.3.2.1.30 German civil defence
4.3.2.1.31 Zerstorung und Wiederaufbau Deutscher Stadte / Sigrid Muller
4.3.2.1.32 Die Baudenkmaler in Nord-Rheinland : kriegsschaden und wiederaufbau / Bearbeitet von Heinz Peters, 1951
4.3.2.1.33 Reichsminister Speer uber Wiederaufbauplanung der deutschen Stadte, 1943

4.3.2.2 Notes/statistics
4.3.2.2.1 General
4.3.2.2.2 Tables
4.3.2.2.3 Kriegstagebuch
4.3.2.2.4 Mortality rates and bombing vital statistics (USSBS 65b 24)
4.3.2.2.5 Mortality rates from infant mortality for 49 bombing attacks on 14 cities (USSBS 65c 4)

4.3.2.3 Individual cities
  Many city files include photographs of maps; these are indicated with *
  Aachen
  Augsburg
    • Augsburg field report
    • Statistisches amt der Augsburg
    • Personal statistics : birth and death rates
    • Kriegslagebush
  Bamberg
  Braunschweig
  Berlin*
    • General
    • Statistics
    • War time raid reports
    • Berlin raids
    • Air offensive against the city : Berlin
    • Residential districts : Berlin
- Lageberichte of the City of Berlin
- Effects of area bombing - Berlin

Bonn
- Bochum*
  - General
  - Mortality rates: Bochum, Hamburg, Nuremberg

Bottrup*

Bremen*
- General
- Background report
- The bombing experience and infant mortality rate for Bremen

Bremerhaven-Wesermünde

Bruchsal

Darmstadt*
- General
- Die Brandnacht report (telegram)
- Summary: damages and estimates Darmstadt: appendix 1: area attack assessment
- Effects of city raids
- Bomb survey
- Birth and death rates: Darmstadt
- Quarterly consumption of gas, electricity and water: Darmstadt
- Pretest: Darmstadt and Krefeld objectives
- Food consumption, Darmstadt
- Banks and commercial businesses
- Organisation des Luftschutzes im Luftschutzbetrieb Darmstadt
- Casualties, Darmstadt
- General air raid data
- Building damage by raids: dwellings, commercial, industrial, public, households
- Effects of raids
- Organization of the ARP district Darmstadt

Dortmund*

Dresden*
  $ General
  $ Dresden im Luftkrieg / Gotz Bergander, 1977

Duisburg

Dusseldorf*

Enns

Essen*

Franfurt

Freiburg-i-B.
Giessen
Halberstadt
Hamburg*
  • General
  • Hamburg air raids and damage: statistics
  • Personal statistics: birth and death rates, Hamburg
  • Effects of area bombing on Hamburg, Germany
  • Movement of population within Hamburg
  • Grundfragen des Augbaus in Stadt und Land
  • Hamburg field report, C.C.D
  • Damage report from air raid of 20 June, 1944
  • Repair of bomb damage at dykes, draining-installations and agricultural areas: Hansestadt Hamburg
  • War claims paid by Hamburg War Claims Office
  • Study of the economic effects of air attacks on the City of Hamburg / U.S. Strategic Bombing Survey
  • Raid assessment report, Hamburg: raids of July and August 1943 / Ministry of Home Security
  • Bach-Tage Hamburg ’88
Hamm
Hannover*
  $ General
  $ Hannover: field report
  $ Births and deaths 1938, 1940, 1942-1945
  • Maps
  • Copies of original reports, data
  • Apartment destruction
  • Notes
  • Report by Gauleiter, South Hannover-Brunswick province on air raid measures and experiences gained as the result of air raids, 1943, on Hannover together with letter dated 28 Feb 1944 from Commandant Vehrmacht, Hannover commenting on Para 16, Part II of the report / issued by Headquarters 12 Army Group, May 1945
Heilbronn
Karlsruhe
Kassel*
• General
• Area attack assessment: detailed report: Kassel attack of 22-23 October 1943 / Ministry of Home Security
• Kassel und der Luftkrieg
• Personal statistics: Kassel birth and death rates
Kiel
- General
- Statistics: air war, 1939-1945
- Bombing experience of Kiel: planes reporting City as target, all air forces

Koblenz

Koln*
- General
- Winkeln Kempert der Grobangriff auf Koln
- Cologne field report, C.D.D.
- Statistische Mitteilungen der Stadt Koln
- Background report of the City of Cologne / Wm. F. Diefenback, July 1945
- Population 1938, 1940, 1943-1945
- Cologne after three years of bombing / Air Ministry Bulleting no. 17796
- The psychological effects of the air attacks on the population of the City of Cologne
- Investigation of housing damage
- Koln, 31. Mai 1942: der 1000 Bomber-Angriff

Krefeld

Leipzig

Lübeck
- General
- Experience of the 28/29, 3, 1942 air raid
- Effects of air bombing, Lübeck Germany
- Background report: Lübeck utilities, wholesale trade, physical damage, transportation

Lüdenscheid*

Madgeburg

Mainz

Mannheim

Monchen-Gladbach

Mülheim

Munchen (Munich)

Münster*
- General
- Statistical information: destruction and reconstruction, air raids on Munster
- Organization of German air raid protection and experiences
- Background report

Neumünster

Nordhousen
Nurnberg*  see also Bochum
$  General
$  Background report - Nurnberg
$  Nurnberg : shelter and air raid life
$  Special report : prostitute interview
$  Air raid casualties
$  Report concerning food supply and alimentation during the war, 1939-1945 according to the request of 6/8 June 1945 / Mayor of the City of Nuernberg

Pforzheim
$  General
$  Reconstruction in Pforzheim

Remscheid
$  General
$  Statistics

Schweinfurt

Solingen

Stuttgart*
$  General
$  Effects of aerial warfare on the school children of Stuttgart
$  Background report : Stuttgart
$  Food survey : Stuttgart
$  Births and deaths 1938, 1940, 1942-1944
$  Stuttgart in Luftkrieg 1939-1945 / Heinz Bardua

Ulm*
$  General
$  Background report : Ulm
$  36 negatives : col.

Wetzlar

Witten

Wuppertal
$  General
$  Background report : Wuppertal
$  Reports on raids on German cities in 1943, including Wuppertal
$  Damage report
$  Effects of area bombing on Wuppertal, Germany / U.S. Strategic Bombing Survey

Würzburg
4.3.2.4  Post-war, ‘Stunde Nul’, reconstruction
4.3.2.5  Germany - maps
4.3.2.6  Evacuation and evacuees
$  General
$  Evacuation report
$  Samples : food ration cards, deportation certificate
4.3.2.7 Civil defense measures

4.3.3 Japanese cities

4.3.3.1 Articles

4.3.3.2 Statistics, etc.

4.3.3.3 Individual cities

   Tokyo

4.3.3.4 Background material

4.3.4 British cities

4.3.4.1 Articles

4.3.4.2 Archival

   4.3.4.2.1 Notes, statistics

   4.3.4.2.2 Reports on morale

   4.3.4.2.3 Working women: domestic problems

   4.3.4.2.4 Responsibility for care of deprived children

   4.3.4.2.5 Building damage: standards

   4.3.4.2.6 Building damage by H.E. weapons

   4.3.4.2.7 V weapons: damage to timber

   4.3.4.2.8 Number of bombs on Great Britain

   4.3.4.2.9 Comparison of numbers of casualties caused by German bombs of different size

   4.3.4.2.10 Civilian casualties

   4.3.4.2.11 Evacuation and evacuees

   4.3.4.2.12 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 Public Record Office: Fire Control Room: weekly summary, week ending Saturday 14th September, 1940

   4.3.4.2.14 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 Individual cities

   Aberdeen
   Bath
   Belfast
   Birmingham
   Bootle
   Bristol
   Canterbury
   Clydeside
   Coventry
   Exeter
General
Ministry of Home Security consolidated report on the effects of the air attacks on the city of Exeter

Hull
Liverpool/Merseyside
London

General
Casualty report: analysis of 245 cards relating to persons killed in the London area / Ministry of Home Security Research and Experiments Department
Bomb census data: statistical report no. 6: The raid of April 16/17, 1941, on London / Ministry of Home Security Research and Experiments Department
Bomb census data: statistical report no. 4: The raid on London on the night of March 19/20, 1941
The city ablaze: the second great fire of London, 29th December 1940 / David Johnson, 1980

Manchester
Norwich
Plymouth
Portsmouth
Sheffield
Southampton
Southampton: the English gateway / Bernard Knowles, 1951
Swansea
York
The York blitz 1942: the Baedeker raid on York, April 29th, 1942 / Eric Taylor and Leo Kessler, 1986
A survey of the effects of the air raid on York, 28/29 April, 1942 / Ministry of Home Security Research and Experiments Department
First appreciation of the air raid on York
Assessment of the effect of the York raid on the total war effort
Operational survey of the National Fire Service during air raid on the 28/19 April, 1942 on the City of York / compiled by John E. Seymour, Ministry of Home Security Research and Experiments Department

4.3.4.4 The Blitz / Constantine Fitzgibbon, 1970

4.3.5 Cities in other regions affected by WW II bombing
4.3.5.1 General
4.3.5.2 Italy
4.3.5.2.1 Notes, articles
4.3.5.2.2 Obiettivo: Italia / Giorgio Bonacina, 1970
4.3.5.3  Holland

4.3.6  Environmental warfare and wars on environment
4.3.6.1  Articles and bibliographies
4.3.6.2  Nuclear war and environment/ “nuclear winter”
4.3.6.3  Environmental aftermaths and remnants of war
4.3.6.3.1  General statistics and articles
4.3.6.3.2  Forests, grasslands and war
4.3.6.3.3  Ocean, island, coastal ecosystem
4.3.6.3.4  War and outer space
4.3.6.4  Battle of the Atlantic and marine impacts project
4.3.6.4.1  Notes
4.3.6.4.2  War and ecosystem, war at sea
4.3.6.4.3  Convoys
4.3.6.4.4  Merchant
4.3.6.4.5  German warship losses, 1939-1945  German & Japanese U-boats sunk
4.3.6.4.6  Nominal list of British Commonwealth major warship losses, 3rd Sept. 1939-15th Aug. 1945
4.3.6.4.7  British fishing vessels lost by enemy action
4.3.6.4.8  Foreign fishing vessels lost by enemy action
4.3.6.4.9  Statistics on Arctic convoys
4.3.6.4.10  British merchant vessels lost by enemy action
4.3.6.4.11  Vessels, tonnages, etc. sunk
Enemy merchant vessels lost in home theatre

4.3.6.5  Destruction of habitat
4.3.6.5.1  Articles
4.3.6.5.2  *Battlefields of the World War : western and southern fronts : a study in military geography* / Douglas Wilson Johnson, 1921
TRELLIS D528.J6 1921

4.4  Forced displacement, refugees, and war
4.4.1  Articles, inventories
4.4.2  *Les Russes arrivent : la plus grande migration des temps modernes* / Bernard George, 1966
4.4.5  Indigenous/“Fourth World” peoples
4.4.6  *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  The partition of India - India/Pakistan/Kashmir/Sri Lanka
4.4.8  Refugees and environmental impacts

4.5  Gender, age, ethnicity, etc. and war victims
4.5.1  Gender articles
4.5.2  Children and war
4.5.3  Women and war
4.6 Wars: post-1945 impacts on civilians, settlements, habitats, human rights

4.6.1 General and global
   4.6.1.1 Articles
   4.6.1.2 Statistics and chronologies
   4.6.1.3 Arms trade and ‘Third world”

4.6.2 Individual conflicts
   4.6.2.1 General

4.6.3 Regions and countries
   4.6.3.1 Latin America
       General
       Argentina
       Bolivia
       Brazil
       Colombia
       El Salvador
       Guatemala
       Haiti
       Honduras
       Mexico
       Nicaragua
       Peru
       Uruguay
       West Indies
   4.6.3.2 Africa
       Angola
       Congo
       Ethiopia / Eritrea
       Great Lakes Region
       Liberia
       Madagascar
       Mozambique
       Namibia
       Nigeria (including Biafra)
       Rwanda
       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 SC2881.6
       Sudan
       Uganda
       Western Sahara
   4.6.3.3 Middle East
       Iran
Iraq/Gulf War, 1991
Israel/Palestine
Lebanon
Oman
Turkey
4.6.3.4 Europe
   Baltic states
   Former Yugoslavia: Serbia, Croatia, Bosnia, Kosova
   Northern Ireland

4.6.3.5 Asia: southeast and central
   Afghanistan
   Bangladesh
   East Timor
   Kampuchea
   India (excluding Kashmir)
   Kashmir
   Korea
   Laos
   Myanmar (Burma)
   Pakistan
   Philippines
   Sri Lanka
   Tibet
   Vietnam (Ecocide)

4.6.3.6 Russian Federation and former USSR
4.6.3.7 War and ocean islands

4.6.4 Human rights abuses and issues: 1945-present
4.6.4.1 Statistics and overview articles
4.6.4.2 Against children

4.7 Nuclear war (hazards for civilians, settlements and habitats)
4.7.1 General articles
4.7.2 Nuclear winter
4.7.3 Indian-Pakistan
4.7.4 Nuclear bomb testing: habitats and people
4.7.5 Depleted uranium

4.8 Chemical and biological war
4.8.1 General articles

4.9 War, armed repression and peoples’ health
4.9.1 Articles
4.9.2 War, refugees and famine
4.9.3 Food as a weapon
4.9.3.1 Articles
4.9.3.2 *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 Wartime famine in occupied Holland, 1944-1945
4.9.4 Small arms and contemporary conflicts
4.9.5 Anti-personnel weapons
4.9.6 Incendiary weapons
4.9.7 Landmines
4.9.8 Tourism and armed violence
4.9.9 Torture

4.10 Genocide
4.10.1 The Holocaust

4.11 Reconstruction after wars
4.11.1 After WWII

4.12 ‘Oral geographies’ of war project (testimony of civilian victims)
4.12.1 General background and articles
4.12.2 Interviews of bombing victims. USSBS Morale Division (various German and Japanese cities)
4.12.2.1 Report on progress: the moral decision
4.12.2.2 Selected responses
4.12.2.3 Surveys: Karlsruhe
4.12.2.4 Surveys: Ulm
4.12.2.5 Surveys: Bottrop
4.12.2.6 Surveys: Dortmund
4.12.2.7 Surveys: Frankfurt
4.12.2.8 Surveys: Hamburg
4.12.2.9 Surveys: Hannover

4.13 Concentration camps, ‘Gulags’ (ex holocaust)

4.14 Terrorism
4.14.1 Articles
4.14.2 The 9/11 file

5 Geomorphology
5.1 General and theoretical investigations
5.1.1 *History of geomorphology from James Hutton to John Hack*, 19th annual “Binghampton” Symposium, Program and Abstracts, 1988

5.2 Canadian Rocky mountains research (NSERC funded) 1968-1972
5.2.1 Canada (B.C., Alberta) biophysical
5.2.2 Surveys: Nigel Creek and Robson Glacier
  5.2.2.1 Maps and photographs
  5.2.2.2 Correspondence and notes
  5.2.2.3 Snow data
  5.2.2.4 Sample data

5.3 Karakoram Himalaya investigations (mainly still to come from CRRC)
  5.3.1 Karakoram glaciers and glacial geomorphology

5.4 Elora Gorge landscapes project
  5.4.1 Geological background to South Central Ontario
    5.4.1.1 Silurian rocks, paleogeography geography and paleontology (fossils)
    5.4.1.2 Quaternary, includes glaciations in South Central Ontario
      5.4.1.2.1 Articles, maps
      5.4.1.2.2 *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 *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 Niagara Escarpment geomorphology project 1990- present
  5.5.1 Reports
    5.5.1.1 *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 *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

6 Geography: theory and profession
  6.1 Method problems
  6.2 Environmental science: general
  6.3 Determinism
  6.4 Innovation in modern and other societies
6.5 Adaptation: papers

6.6 Language and symbols
  6.6.1 Articles
  6.6.2 Hewitt notes

6.7 Trade, exchange, location

6.8 Senses, perception

6.9 Unprocessed material
  4 microfilms and accompanying documents
  
  To be reviewed by Ken Hewitt