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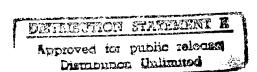
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# Bibliography on COLD REGIONS SCIENCE AND TECHNOLOGY

**VOLUME 50, PART 2** 

Stuart G. Hibben, Editor



# BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY Volume 50, Part 2

This companion issue to Volume 50, Part 1, contains author and subject headings for the volume. In the author index, principal and joint personal and corporate authors are listed along with the title, date, pagination, and language of the document and the accession number. The subject index is composed of four basic elements:

- 1) terms taken from a controlled vocabulary based on the Thesaurus of Engineering and Scientific Terms (LEX-EJC)
- 2) free terms added as needed
- 3) geographic names, generally entered under countries
- 4) cross references suggesting additional appropriate terms.

The terms are listed in a single alphabetical arrangement, along with title (original, translated, abridged, expanded, or supplied), principal author, date, pagination, and language of pertinent documents, and their accession numbers.

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[1995.eng] 50-4193	Solifluction in the Swiss Alps and Bolivia. Graf, K.,	Vegetation dynamics and animal behaviour in an alpine pastur
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[1995,eng] <b>50-3893</b>	Swiss alpine palaeoclimate during the Holocene: pollen analyti-	Climate change impacts on glaciers and permafrost. Haeberli,
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cier. Burga, C.A., [1995,fre] 50-862	Two-year record of eolian sedimentation in the Wind River	Water balance of the Alps. Chernogaeva, G.M., [1973,rus]
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50-1569	CFCs dominance in the stratosphere. Russell, J.M., III, et al.	Summer phytoplankton bloom under fast ice around Showa Sta-
	[1996,eng] <b>50-3103</b>	Summer phytoplankton bloom under fast ice around Showa Station. Odate, T., et al. [1996.eng] 50-6037
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Engineering role of processes caused by the interaction of natu-	See [also]: Geocryology	shrubs in a subarctic heathland. Johanson, U., et al. [1995.eng] 50-3618
Engineering role of processes caused by the interaction of natural and artificial factors. Glotov, V.E., [1991,rus] 50-438	See [also]: Geocryology Cryoplanation	shrubs in a subarctic heathland. Johanson, U., et al. [1995,eng] 50-3618
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Azuma, N., [1995,jpn] So-970 Oilwell casing downdrag from subsidence at Prudhoe Bay. Nair. K., et al. [1971,eng] On the estimation of frost loads. Rajani, B., et al. [1996,eng] Structure of ordinary ice I <sub>B</sub> . Part III: Defects in ice. Volume 2: Dislocations and plane defects. Petrenko, V.F., et al. [1994,eng] Dispersions Aerial surveillance of oil sheen following the Exxon Valdet oil spill shoreline cleanup. Taft, D.G., et al., [1995,eng] Another look at oil transportation in and from the arctic envi- ronment. Marsden, S.S., Jr., et al., [1991,eng] So-3711 Boundary layer characteristics of the continental margin of the western Barents Sea. Thomsen, L., et al. [1994,eng] Dispersal of metal-contaminated sediments in an arctic river. Sear, D., et al., [1996,eng] Freeze/thaw treatment on zone settling of waste activated slud- ges. Chen, G.W., et al., [1996,eng] Initial phase of postfire forest regeneration in two lichen wood- lands of northern Québec. 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Biggar, K.W., et al. [1996.eng]  Model pile tests in saline soils. Christopherson, A., et al. [1991.eng]  New flow law of ice-sheet ice. Azuma, N., [1995.jpn]  So-0910  Oilwell casing downdrag from subsidence at Prudhoe Bay, Nair, K., et al., [1971.eng]  On the estimation of frost loads. Rajani, B., et al., [1996.eng]  So-196  Structure of ordinary ice I <sub>h</sub> . Part II: Defects in ice. Volume 2: Dislocations and plane defects. Petrenko, V.F., et al. [1994.eng]  Dispersions  Aerial surveillance of oil sheen following the Exxon Valdez oil spill shoreline cleanup. Taft, D.G., et al. [1995.eng]  Boundary layer characteristics of the continental margin of the western Barents Sea. Thomsen, L., et al. [1994.eng]  Dispersal of metal-contaminated sediments in an arctic river. Sear, D., et al. [1996.eng]  Glacial deposit geochemistry at a Manitoba mining site. Nielsen, E., et al., [1991.eng]  Initial phase of postfire forest regeneration in two lithen wood- lands of northern Québec. Sirvis, L., [1995.eng]  So-03911  Initial phase of postfire forest regeneration in two lithen wood- lands of northern Québec. Sirvis, L., [1995.eng]  So-04215  Sampling-rate effects on the properties of dye breakthrough curves from glaciers. Nienow, P.W., et al., [1996.eng]
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Piepjohn, K., et al., [1994.ger]  Glacial isostasty and lateral mantle viscosity. Sabadini, R., et al., [1982.enj]  Glacial isostasty and lateral mantle viscosity. Sabadini, R., et al., [1982.eng]  Glacial isostatic uplift of Tibet as a consequence of a former ice sheet. Kuhle, M., [1995.eng]  Glacial rebound of the British Isles—III: constraints on mantle viscosity. Lambeck, K., et al., [1996.eng]  So-4310  Intracontinential subduction zones in the Tibetan Plateau and their magmatism. Deng. W.M., [1992.chi]  Sol-4325  Norweigian Pleistocene crustal metamorphism. Ohta, Y., et al., Sol-2353  Norweigian Pleistocene crustal metamorphism. Ohta, Y., et al.	age, Alaska, Lade, P.V., et al., [1988,eng]  Developing methods for forecasting seismic effects under cryolithozone conditions. Dzhurik, V.I., et al., [1996,rus]  50-6834  Double wedging model for the Qinghai-Xizang Plateau. Zheng, J.D., [1992,chi]  Earthquake induced landslide in Anchorage, 1964. 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Shimizu, T., et al. [1996,ipn]  Estimation of biomass and other characteristics of boreal forest. Häme, T., et al. [1994,eng]  Forest damage mapping with multitemporal ERS-1 SAR data. Rauste, Y., [1994,eng]  Forest damage mapping with multitemporal ERS-1 SAR data. Rauste, Y., [1994,eng]  Forest resources in Xinjiang. Xinjiang Resources Development Comprehensive Survey Team of the Chinese Academy of Sciences (Zhongguo kexue yuan Xinjiang ziyuan kaifa zonghe kaochadui, [1989,chi]  Global climate change adaptation: examples from Russian boreal forests. Dixon, R.K., et al. [1996,eng]  So-5823  Global climate change adaptation: examples from Russian boreal forests. Dixon, R.K., et al. [1996,eng]  So-170  Land in Xinjiang conducive to poplar tree farming, Jia, Z.I., et al. [1991,chi]  Mapping snow cover during the BOREAS winter exeriment. Hall, D.K., et al. [1995,eng]  So-3105  Natural regeneration in cut forests of the Greater Khingan Range, Zhou, W.Q., [1991,chi]  Northern forest plants under the pressure of environmental	Sykes, M.T., et al. [1995.eng]  Mountain hemlock expansion in a subalpine ecosystem. Taylor. A.H., [1995.eng]  Paleoecological record of 6 ka BP climate in the Canadian prairie provinces. Vance, R.E., et al. [1995.eng]  Paleoecological study of forest lines in southern Sweden. Björkman, L., [1995.eng]  Past changes in climate and tree growth in the western Americas. D'Arrigo, R.D., et al. [1996.eng]  For the distribution in the permafrost zone of the Greater Khingan Range. Lu, G.W., [1989.chi]  Plant communities in alpine habitat with special reference to Garhwal Himalaya. Rawat, D.S., et al. [1994.eng]  Pelimioary habitat suitability index model for Himalayan musk deer. Rawat, G.S., [1994.eng]  Recent advance of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Foo.3041  Recent white spruce dynamics at the subarctic alpine treeline of north-western Canada. Szeicz, J.M., et al., [1995.eng]  50-0306	Forest trees See [also]: Trees (plants)  Forest tundra Alpine bryophyte communities. Geissler, P., [1982,eng] 50-5413  Arcto-alpine and boreal elements in the high altitude flora of north west Himalaya. Gupta, R.K., [1994,eng] 50-5417  Assessment on the diversity and status of the alpine plants of Indian Himalaya. Samant, S.S., [1994,eng] 50-5424  Dynamics of montane treclines. Slatyer, R.O., et al., [1992,eng] Ecological study in an alpine pasture of Bhagirathi Valley, Garhual Himalaya. Rajwar, G.S., et al., [1994,eng] 50-5429  Ecology and conservation of alpine meadows in central Himalaya, India. Ram, J., et al. [1994,eng] 50-5418  Effect of air pollution on flora and fauna in tundra landscapes. Polshvedkin, V.V., [1994,rus] 50-256  Environmental changes in the North under the influence of technogenic factors. Makarova, O.A., [1994,rus]  Estimates of North American undra ecosystem biomass. Gilmanov, T.G., et al., [1995,eng] 50-4864
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Shimizu, T., et al. [1996,pn]  Estimation of biomass and other characteristics of boreal forest. Häme, T., et al. [1994,eng]  Fonsish research programme on climate change; second progress report. Kanninen, M., ed. et al. [1994,eng]  Forest damage mapping with multitemporal ERS-1 SAR data. Rauste, Y., [1994,eng]  Forest resources in Xinjiang. Xinjiang Resources Development Comprehensive Survey Team of the Chinese Academy of Sciences (Zhongguo kexue yuan Xinjiang ziyuan kaifa zonghe kaochadui). [1989,chi]  So-5823  Global climate change adaptation: examples from Russian boreal forests. Dixon, R.K., et al. [1996,eng]  So-5056  Illustrated Hokkaido forestry—towards well-developed forests. Elipsodjipn]  Mapping snow cover during the BOREAS winter experiment. Hall, D.K., et al. [1995,eng]  So-5110  Mapping snow cover during the BOREAS winter experiment. Hall, D.K., et al. [1991,chi]  Northern winderness areas: ecology, sustainability, values. International Conference on Northern Wilderness Areas. Arctic Centre. University of Lapland, Rovaniemi, Finland, Dec. 7-9, 1994, [1995,eng]  Freliminary mycobiota (Aphyllophorales, Fungi) of timberline forests in the West Siberian plateau. Kotiranta, H., [1995,eng]  So-3168	Sykes, M.T., et al. [1995.eng]  Mountain hemlock expansion in a subalpine ecosystem. Taylor. A.H [1995.eng]  Paleoecological record of 6 ka BP climate in the Canadian prairie provinces. Vance, R.E., et al. [1995.eng]  Paleoecological study of forest lines in southern Sweden. Björkman, L [1995.eng]  Past changes in climate and tree growth in the western Americas. D'Arrigo, R.D., et al. [1996.eng]  Pole tree distribution in the permafrost zone of the Greater Khingan Range. Lu, G.W., [1889.chi]  Plant communities in alpine habitat with special reference to Garhwal Himalaya, Rawat, D.S., et al. [1994.eng]  Pol-5420  Pleistocene treeline fluctuation in the Swiss Alps. Tinner, W., et al. [1996.eng]  Preliminary habitat suitability index model for Himalayan musk deer. Rawat, G.S., [1994.eng]  Recent advance of the arctic treeline along the castern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  So-3041  Recent white spruce dynamics at the subarctic alpine treeline of north-western Canada. Szeicz, J.M., et al., [1995.eng]  So-3036  Seed germination and seedling growth of Carex doenitzii growing on alpine zone of Mt. Fuji. Kibe, T., et al., [1993.eng]  So-956  Sharp and gradual mountain timberlines as a result of species interaction. Armand, A.D., [1992.eng]  So-4073  Spatial distribution of snow chemical load at the tundra-taiga transition. Pomeroy, J.W., et al., [1995.eng]  50-5000	Forest trees  See [also]: Trees (plants)  Forest tundra  Alpine bryophyte communities. Geissler, P., [1982.eng]  50-5413  Arcto-alpine and boreal elements in the high altitude flora of north west Himalaya. Gupta, R.K., [1994.eng]  50-5417  Assessment on the diversity and status of the alpine plants of Indian Himalaya. Sarnant, S.S., [1994.eng]  50-5424  Dynamics of montane treelines. Slatyer, R.O., et al, [1992.eng]  50-602.eng]  50-602.et al, [1994.eng]  50-5429  Ecological study in an alpine pasture of Bhagirathi Valley. Garhwal Himalaya. Rajwar, G.S., et al, [1994.eng]  50-5429  Ecology and conservation of alpine meadows in central Himalaya, India, Ram, J., et al, [1994.eng]  50-5418  Effect of air pollution on flora and fauna in tundra landscapes. Polshvedkin, V.V., [1994.rus]  50-256  Environmental changes in the North under the influence of technogenic factors. Makarova. O.A., [1994.rus]  50-285  Estimates of North American tundra ecosystem biomass. Gilmanov, T.G., et al, [1995.eng]  Evaluating the anthropogenic transformation of tundra vegetation in the Nenets Autonomous District. Akul'shina. N.P., et al, [1994.rus]  Evolution of soils in the basin of the middle reach of the Bereleth River (Upper Kolyma River). Pavlov, B.A., et al, [1995.eng]  50-3877  High altitude flora of western Himalaya: peculiarities and conservation. Aswal, B.S., [1994.eng]  High altitude forests with special reference to timber line in
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Shimizu, T., et al. [1996,pn]  Estimation of biomass and other characteristics of boreal forest. Häme, T., et al. [1994,eng]  Fonsish research programme on climate change; second progress report. Kanninen, M., ed. et al. [1994,eng]  Forest damage mapping with multitemporal ERS-1 SAR data. Rauste, Y., [1994,eng]  Forest resources in Xinjiang. Xinjiang Resources Development Comprehensive Survey Team of the Chinese Academy of Sciences (Zhongguo kexue yuan Xinjiang ziyuan kaifa zonghe kaochadui). [1989,chi]  So-5823  Global climate change adaptation: examples from Russian boreal forests. Dixon, R.K., et al. [1996,eng]  So-5056  Illustrated Hokkaido forestry—towards well-developed forests. Dixon, R.K., et al. [1996,eng]  Mapping snow cover during the BOREAS winter experiment. Hall, D.K., et al. [1995,eng]  So-5810  Natural regeneration in cut forests of the Greater Khingan Range. Zhou, W.Q., [1991,chi]  Northern wilderness areas: ecology, sustainability, values. International Conference on Northern Wilderness Areas. Arctic Centre. University of Lapland, Rovaniemi, Finland, Dec. 7-9, 1994, [1995,eng]  So-3167  Preliminary mycobiota (Aphyllophorales, Fungi) of timberline forests in the West Siberian plateau. Kotiranta, H., [1995,eng]  So-3168  Radiative characteristics in forest during snowmelt season. Nakabapayashi, H., et al. [1996,jpn]  Reestablishment and protection of biodiversity in the European	Sykes, M.T., et al., [1995.eng]  Mountain hemlock expansion in a subalpine ecosystem. Taylor.  A.H., [1995.eng]  Paleoecological record of 6 ka BP climate in the Canadian prainie provinces. Vance, R.E., et al., [1995.eng]  Paleoecological study of forest lines in southern Sweden. Björkman, L., [1995.eng]  Past changes in climate and tree growth in the western Americas. D'Arrigo, R.D., et al., [1996.eng]  Past changes in climate and tree growth in the western Americas. D'Arrigo, R.D., et al., [1996.eng]  Solution in the permafrost zone of the Greater Khingan Range. Lu, G.W., [1889.chi]  Plant communities in alpine habitat with special reference to Garhwal Himalaya. Rawat, D.S., et al., [1994.eng]  Polistocene treeline fluctuation in the Swiss Alps. Tinner, W., et al., [1996.eng]  Preliminary habitat suitability index model for Himalayan musk deer. Rawat, G.S., [1994.eng]  Foliation of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al., [1995.eng]  Solution of the arctic treeline along the eastern coast of Hudson Bay. Lescop-Sinclair, K., et al.	Forest trudra Alpine bryophyte communities. Geissler, P., [1982,eng] 50-5413 Arcto-alpine and boreal elements in the high altitude flora of north west Himalaya. Gupta, R.K., [1994,eng] 50-5417 Assessment on the diversity and status of the alpine plants of Indian Himalaya. Samant, S.S., [1994,eng] 50-5424 Dynamics of montane treclines. Slatyer, R.O., et al., [1992,eng] Ecological study in an alpine pasture of Bhagirathi Valley, Garhual Himalaya. Rajwar, G.S., et al., [1994,eng] 50-5428 Ecology and conservation of alpine meadows in central Himalaya, India, Ram, J., et al., [1994,eng] 50-5418 Effect of air pollution on flora and fauna in tundra landscapes. Polshvedkin, V.V., [1994,rus] Environmental changes in the North under the influence of technogenic factors. Makarova, O.A., [1994,rus] Estimates of North American undra ecosystem biomass. Gilmanov, T.G., et al., [1995,eng] Evaluating the anthropogenic transformation of tundra vegetation in the Nenets Autonomous District, Akul'shina, N.P., et al., [1994,rus] Evolution of soils in the basin of the middle reach of the Berelekh River (Upper Kolyma River). Pavlov, B.A., et al., [1995,eng] High altitude flora of western Himalaya; peculiarities and conservation, Aswal, B.S., [1994,eng] 50-5434 High altitudes of the Himalaya (biogeography, ecology & conservation). Pangtey, Y.P.S., ed, et al., [1994,eng] 50-5415 Himalaya, its ecology and biogeography: a review. Mani, M.S.,
Shimizu, T., et al. [1996, pn] 50-3500  Estimation of biomass and other characteristics of boreal forest. Häme, T., et al. [1994,eng] 50-3228  Finnish research programme on climate change; second progress report. Kanninen, M., ed. et al. [1994,eng] 50-3179  Forest damage mapping with multitemporal ERS-1 SAR data. Rauste, Y., [1994,eng] 50-3229  Forest resources in Xinjiang. Xinjiang Resources Development Comprehensive Survey Team of the Chinese Academy of Sciences (Zhongguo kexue yuan Xinjiang ziyuan kaifa zonghe kaochadui), [1988,chi] 50-5823  Global climate change adaptation: examples from Russian boreal forests. Dixon, R.K., et al. [1996,eng] 50-5056  Illustrated Hokkaido forestry—towards well-developed forests. [1990,jpn] 50-2170  Land in Xinjiang conducive to poplar tree farming. Jia, Z.J., et al. [1991,chi] 50-5110  Mapping snow cover during the BOREAS winter experiment. Hall, D.K., et al. [1995,eng] 50-3058  Natural regeneration in cut forests of the Greater Khingan Range. 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S.W., et al., [1992.chi] Study on some kinds of the covered Swedish lakes. Bengtson, L., et al., [1994.eng] Sto-2506 Tundra climate. Weller, G., [1996.eng] So-5001 See [also]: Glacier heat balance: Permafrost heat balance ance Heat capacity Heat content of the ocean baroclinic layer as a predictor of variability of atmospheric circulation. Vangengeim, T.G., et al., [1990.rus] So-333 Heat transfer and frost-thaw penetration in soil surrounding an inclusion of sand. Peck. L., et al., [1995.eng] Prospects for using solar energy technology in Transbaikal. Zhelezniak, I.I., et al., [1993.rus] Thermal radiation of water from 0° to 75°C, pt.3. Aivazian. G.M., [1996.eng] So-5192 Heat conductivity  See [also]: Thermal conductivity  Heat flux 1990 arctic sea ice reduction related to snow cover minima. Serrezz, M.C., et al., [1995.eng] So-6374 Arctic Ocean—a special natural cryogenic system. Danilov, I.D., [1996.rus] Fo-6374 Arctic Ocean—a special natural cryogenic system. 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See (also): Heat flux: Permafrost heat transfer  Heat transfer coefficient  Analytical modelling of heat transfer from a single slab in freezing. Dincer. I., [1995.eng] 50-3818  Calculating the heat transfer coefficient of dry snow. Brukhanda. VI et al. [1991.rus] 50-7  Computer model of glaze accretion on wires. Draganoiu, G., et al. [1996.eng] 50-5160  Computer model of glaze accretion on wires. Draganoiu, G., et al. [1996.eng] 50-5160  Flowthrough rockfill embankments: behavior in subzero temperatures. Hansen, D., et al. [1995.eng] 50-5160  Flowthrough rockfill embankments: behavior in subzero temperatures. Hansen, D., et al. [1995.eng] 50-6465  Geometry of heat and mass transfer in dry snow: a review of theory and experiment. Arons, E.M., et al. [1995.eng] 50-1401  Heat flow in the cryolithozone in relation to subsurface heat flow. Deviatkin, V.N., et al. [1990.rus] 50-1626  Heat transfer through permeable cold-weather clothing. Kind., R.J., et al. [1995.eng] 50-1139  Influence of the surface liquid film on cylinder icing under marine conditions. Lozowski, E.P., et al. [1996.eng] 50-5161  Liquid ice melting along a bundle of heated cylinders. Yamada, M., et al. [1996.eng] 50-4965  Model for calculating the heat transfer coefficient for sedimen-	See [also]: Concrete heating; Electric heating; Radiant heating  Heaving  See [also]: Frost heave  Heavy water  Water rotation in supercooled aqueous solutions. Nakahara, M., et al. [1995.eng]  Hedges  See [also]: Snow hedges  Height  See [also]: Altitude  Height finding  Accuracy of SPOT digital elevation model and derivatives: utility for Alaska's North Slope. Sasowsky, K.C., et al. [1992.eng]  Altimeter retracking algorithm accuracy for Greenland ice sheet growth. Davis. C.H., [1995.eng]  Solymon Altimetry of North Atlantic subpolar current variations. White, M.A., et al. [1995.eng]  Cheap, quick and safe way of surveying glaciers. Wright, I.W., et al. [1995.eng]  Comparison of ice-sheet satellite altimeter retracking algorithms. Davis, C.H., [1996.eng]  Correction of satellite radar altimetry of antarctic ice sheets.  Cooper, A.P.R., et al. [1996.eng]  50-2703  Correction of ilquid water altitudes using combined remote sensors. Politovich, M.K., et al. [1995.eng]  50-3766	50-4637  Evidence for midwinter chemical ozone destruction over Antarctica. Vömel, H., et al. [1995.eng]  Formation of polar stratospheric clouds on preactivated background aerosols. Zhang, R.Y., et al. [1996.eng]  Heterogeneous atmospheric bromine chemistry. Lary, D.J., et al. [1996.eng]  Heterogeneous chemistry of polar stratospheric clouds. Mather, J.H., et al. [1990.eng]  Heterogeneous conversion of COF <sub>2</sub> to HF in polar stratospheric clouds. Wofsy, S.C., et al. [1990.eng]  50-4726  Heterogeneous interactions of stratospheric aerosols. Abbatt, J.P.D., [1996.eng]  10-6512  HIPLEX-1: experimental design and response variables. Smith, P.L., et al. [1994.eng]  10-6512  He forming nuclei in the high Arctic. Bigg, E.K., [1996.eng]  50-4317  Ice-nucleation properties of various bacterial species. Kiprianova, E.A., et al. [1995.eng]  10-673  Impact of heterogeneous reactions on stratospheric chemistry of the Arctic. Douglass, A.R., et al. [1995.eng]  10-67408  Influence of temperature on crystallization of lactose in ice-cream. Livney, Y.D., et al., [1995.eng]  10-2115  Insects and freezing. Block, W., [1995.eng]  100-induced nucleation around radon daughters in remote arctic maritime air. Bigg, E.K., [1996.eng]  50-4322
See (also): Heat flux: Permafrost heat transfer  Heat transfer coefficient  Analytical modelling of heat transfer from a single slab in freezing. Dincer, I., [1995,eng] 50-3818  Calculating the heat transfer coefficient of dry snow. Brukhanda, V.I., et al., [1991,rus] 50-5160  Computer model of glaze accretion on wires. Draganoiu, G., et al., [1996,eng] 50-5160  Computer model of glaze accretion on wires. Draganoiu, G., et al., [1996,eng] 50-5160  Flowthrough rockfill embankments: behavior in subzero temperatures. Hansen, D., et al., [1995,eng] 50-1841  Forced-convection melting characteristics of liquid ice in a horizontal rectangular duct. Yamada, M., et al., [1996,eng] 50-6465  Geometry of heat and mass transfer in dry snow: a review of theory and experiment. Arons, E.M., et al., [1995,eng] 50-1401  Heat flow in the cryolithozone in relation to subsurface heat flow. Deviatkin, V.N., et al., [1990,rus] 50-1626  Heat transfer through permeable cold-weather clothing. Kind, R.J., et al., [1995,eng] 1nfluence of the surface liquid film on cylinder icing under marine conditions. Lozowski, E.P., et al., [1996,eng] 50-161  Liquid ice melting along a bundle of heated cylinders. Yamada, M., et al., [1996,eng] 50-4965  Model for calculating the heat transfer coefficient for sedimentary rocks. Gavril'ev, R.I., [1996,rus] 50-6818  Modeling of an ice-on-coil thermal energy storage system. Lee,	See [also]: Concrete heating; Electric heating; Radiant heating  Heaving See [also]: Frost heave  Heavy water  Water rotation in supercooled aqueous solutions. Nakahara. M., et al. [1995,eng]  Hedges  See [also]: Snow hedges  Height See [also]: Altitude  Height finding Accuracy of SPOT digital elevation model and derivatives: utility for Alaska's North Slope. Sasowsky, K.C., et al. [1992.eng]  Altimeter retracking algorithm accuracy for Greenland ice sheet growth. Davis, C.H., [1995.eng]  Altimetry of North Atlantic subpolar current variations. White, M.A., et al., [1995.eng]  Cheap, quick and safe way of surveying glaciers. Wright, J.W., et al., [1995.eng]  Comparison of ice-sheet satellite altimeter retracking algorithms. Davis, C.H., [1996.eng]  Correction of satellite radar altimetry of antarctic ice sheets. Cooper, A.P.R., et al., [1996.eng]  Determination of liquid water altitudes using combined remote sensors. Politovich, M.K., et al., [1995.eng]  Elevation change of the Greenland ice sheet from satellite altimetry. Wingham, D.J., [1995.eng]  50-5278	50-4637  Evidence for midwinter chemical ozone destruction over Antarctica. Vömel, H., et al. [1995.eng] 50-754  Formation of polar stratospheric clouds on preactivated background aerosols. Zhang, R.Y., et al. [1996.eng] 50-6510  Heterogeneous atmospheric bromine chemistry. Lary. D.J., et al. [1996.eng] 50-3019  Heterogeneous chemistry of polar stratospheric clouds. Mather. J.H., et al. [1990.eng] 50-4726  Heterogeneous conversion of COF2 to HF in polar stratospheric clouds. Wofsy, S.C., et al. [1990.eng] 50-6004  Heterogeneous interactions of stratospheric aerosols. Abbatt. J.P.D [1996.eng] 50-6512  HPLEX-1: experimental design and response variables. Smith. P.L., et al. [1998.eng] 50-4918  lee active bacteria gene dynamics. Drainas, C., et al. [1995.eng] 50-4317  Ice-nucleation properties of various bacterial species. Kiprianova, E.A., et al. [1995.eng] 50-3673  Impact of heterogeneous reactions on stratospheric chemistry of the Arctic. Douglass, A.R., et al. [1989.eng] 50-4708  Influence of temperature on crystallization of lactose in icecream. Livney, Y.D., et al. [1995.eng] 50-2745  Infarrad measurement of arctic atmospheric chemical species. Wetzel, G., et al. [1995.eng] 50-215  Insects and freezing, Block, W. [1995.eng] 50-4087  Ion-induced nucleation around radon daughters in remote arctic maritime air. Bigg, E.K., [1996.eng] 50-4322  Ionisation and solvation of stratospherically relevant molecules
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Brovka, G.P., et al., [1996.eng] Foospects for using solar energy technology in Transbaikal. Zhelezniak, I.I., et al., [1993.rus] So-6821 Prospects for using solar energy	See [also]: Concrete heating; Electric heating; Radiant heating  Heaving See [also]: Frost heave  Heavy water  Water rotation in supercooled aqueous solutions. Nakahara, M., et al. [1995,eng] 50-153  Hedges  See [also]: Snow hedges  Height See [also]: Altitude  Height finding Accuracy of SPOT digital elevation model and derivatives: utility for Alaska's North Slope. Sasowsky, K.C., et al. [1992,eng] 50-1448  Altimeter retracking algorithm accuracy for Greenland ice sheet growth. Davis, C.H., [1995,eng] 50-2708  Altimetry of North Atlantic subpolar current variations. White, M.A., et al. [1995,eng] 50-2708  Cheap, quick and safe way of surveying glaciers. Wright, J.W., et al., [1995,eng] 50-2708  Comparison of ice-sheet satellite altimeter retracking algorithms. 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Feklistov, V.N., et al., [1990,rus] 70-6760	See [also]: Concrete heating; Electric heating; Radiant heating  Heaving  See [also]: Frost heave  Heavy water  Water rotation in supercooled aqueous solutions. Nakahara, M., et al. [1995,eng]  Hedges  See [also]: Snow hedges  Height  See [also]: Altitude  Height finding  Accuracy of SPOT digital elevation model and derivatives: utility for Alaska's North Slope. Sasowsky, K.C., et al. [1992,eng]  Altimeter retracking algorithm accuracy for Greenland ice sheet growth. Davis, C.H., [1995,eng]  Altimetry of North Atlantic subpolar current variations. White, M.A., et al., [1995,eng]  Comparison of ice-sheet satellite altimeter retracking algorithms. Davis, C.H., [1996,eng]  Comparison of ice-sheet satellite altimeter retracking algorithms. Davis, C.H., [1996,eng]  Corporation of satellite radar altimetry of antarctic ice sheets. Cooper, A.P.R., et al., [1996,eng]  So-2703  Correction of satellite radar altimetry of antarctic ice sheets. 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Legrand, M., et al. [1996,eng]  Glacial-ice fragments in antarctic sea ice. Haas, C., et al. [1995,eng]  50-464  Glacier geophysics at Taylor Dome: year 4. Waddington, E.D	change. Sejrup, H.P., et al., [1995.eng] 50-6564 Occurrence of an algal bloom under arctic pack ice. Gradinger, R., [1996.eng] 50-4159 On the age vs depth and optical clarity of deep ice at the South	Characteristics of applied geomorphological studies in regions with Pleistocene ice sheets. Spiridonov, A.I., [1995,nxs] 50-3772  Characteristics of the geocryological conditions in shallow water
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Natural convection for the melting of ice in porous media in a	Schutte, W.A., et al. [1995,eng] 50-3023 Solidification of pure liquids and liquid mixtures inside ducts	
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Banthia, N., et al., [1995.eng]  For 2696  For 2697  Full scale test on impact resistance of PC girder. Sato, M., e	Initial snow chemistry survey of the Mogollon Rim in Arizona. Barbaris, B., et al., [1996,eng] 50-6711 Internal melt figures in Japanese pond ice and microparticles in antarctic ice cores. Higashi, A., [1996,jpn] 50-4931 Mercury and plastic in suspended Arctic Ocean sediment Joiris, C.R., et al., [1995,eng] 50-1971 Mineral dust record in a high altitude alpine glacier (Colle Gnifetti, Swiss Alps). Wagenbach, D., et al., [1989,eng] 50-5411 Movement of fuel spills in the Ross Ice Shelf. Tumeo, M.A., et al., [1994,eng] 50-5216 On the age vs depth and optical clarity of deep ice at the South Pole. AMANDA Collaboration, [1995,eng] 50-1866 Polar ice stratigraphy from laser-light scattering: scattering from ice. Ram. M., et al., [1995,eng] 50-3098 Pollution of natural ice in the Arctic and its indications. 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D.C.B., et al. [1996.eng]  Study of H <sub>2</sub> O contamination on a cooled optical surface. Guo. Q., et al. [1995.eng]  Surface features of interstellar ice. McCoustra, M., et al., [1996.eng]  Surface features of interstellar ice. McCoustra, M., et al., [1996.eng]  Surface features of interstellar ice. McCoustra, M., et al., [1996.eng]  Surface features of interstellar ice. McCoustra, M., et al., [1996.eng]  Surface features of interstellar ice. McCoustra, M., et al., [1996.eng]  Surface features of interstellar ice. McCoustra, M., et al., [1996.eng]  Surface Archive of digital data from the Defense Meteorological Satellite Program (DMSP). Kroehl, H.W., et al., [1994.eng]  Surface Surface and Constraint of infrared seekers. Berger, R.H., [1991.eng]  Surface Surface and infrared seekers. Berger, R.H., [1991.eng]  Surface Surface and infrared radiometers used to gather background signature data. Berger, R.H., et al., [1995.eng]  Surface Surface and infrared radiometers used to gather background signature data. Berger, R.H., et al., [1995.eng]  Surface Surface Archive in the surface in the surf	wettability. Engquist, I., et al. [1995.eng] 50-1570 Study of ice spectra in cosmic dust. Brooke, T.Y., et al. [1996.eng] Inlets  See [also]: Water intakes Insolation Climatic changes in Northern Europe. Heino, R., et al. [1994.eng] 50-3183 Computer network database for paleoclimatological studies. Roof, S.R., et al. [1996.eng] 50-5712 Corn snow—today's skiing, tomorrow's meltwater. Colbeck, S.C., [1996.eng] 50-4758 Digital terrain model of topographic obstruction to solar radiation in the Tian Shan. Li. X., et al. [1995.chi] 50-3997 Disposition of solar radiation in sea ice and the upper ocean. Ebert, E.E., et al. [1995.eng] 50-572 Effect of microclimate on road superstructures. Final report. Dysli, M., et al. [1986.fre] 50-3320 Effects of solar radiation variations on ice age initiation. Ledley, T.S., et al. [1995.eng] 50-1254 European soil thermal contraction related to ice sheet dynamics. van Viiet-Lanot, B., [1996.fre] 50-6340 Heat balance study of melting coefficient. Yamazaki, T., [1995.jpn] 10-1212 Les-sheet growth and high-latitudes sea-surface temperature. Berger, A., et al. [1996.eng] 50-5862 Increasing CO <sub>2</sub> , decreasing insolation, and initiation of ice sheets. Chu. S.P., [1994.eng] 50-4578 Latitude as a factor in the calculation of primary production. Plat, T., et al. [1996.eng] 50-4578 Latitude as a factor in the calculation of primary production. Plat, T., et al., [1995.eng] 50-4129 Mechanisms of direct and indirect climate forcing by aerosols in the arctic region. Blanchet. J.P., [1995.eng] 50-4129 Mechanisms of direct and indirect climate forcing by aerosols in the arctic region. Blanchet. J.P., [1995.eng] 50-4129 Mechanisms of direct and indirect climate forcing by aerosols in ordinary lake-level record from northern Eurasia. Harrison over land surfaces. Heikinheimo, M., et al., [1994.eng] 50-3186 Model of Northern Hemisphere glaciation. Dong, B.W., et al.	ments; Measuring instruments; Meteorological instruments; Recording instruments; Recording instruments; Strain measuring instruments  Necording instruments; Strain measuring instruments  Insulation  Application of foam insulation for remediation of degraded permafrost. Feklistov, V.N., et al. [1996.eng] 50-547.  Covering, Kreiman, A.B., [1982.rus] 50-259.  Depth hoar influence on permafrost thermal regime. Zhang, T., et al. [1996.eng] 50-658.  Design guide for frost-protected shallow foundations. NAHB Research Center, [1994.eng] 50-357!  Economic expediency of composite insulating bricks for wall structures. Nedavnii, O.I., et al. [1995.rus] 50-72:  Effect of sea ice frost flowers on infrared surface observations. Martin, S., et al., [1996.eng] 50-585.  Frost heave due to ice lens formation in freezing soils. 2. Field application. Sheng, D., et al., [1995.eng] 50-74:  Handwarmers benefit young citrus trees during freezes. Parsons, L.R., et al., [1995.eng] 50-74:  Handwarmers benefit young citrus trees during freezes. Parsons, L.R., et al., [1995.eng] 50-74:  Microsprinkler irrigation for freeze protection of young citrus trees. Davies, F.S., [1995.eng] 50-307:  Physical limnological processes under ice. Kenney, B.C., [1996.eng] 50-657:  Simulation of foam protection of plants against frost. Krasovitski, B., et al., [1995.eng] 50-657:  Snow cover. Colbeck, S.C., [1996.eng] 50-657:  Thermal environments of arctic soil organisms during winter. Coulson, S.J., et al., [1995.eng] 50-594:  See [also]: Electrical insulation; Pipeline insulation; Interestion  Intake systems  See [also]: Water intakes  Interception  Albedo of forest with crown snow. Yamazaki, T., et al., [1996.ppl]  Snow-induced thermal variations around a single conifer tree. Hardy, J.P., et al., [1995.eng]
D.C.B., et al. [1996.eng]  Study of H <sub>2</sub> O contamination on a cooled optical surface. Guo, Q., et al. [1995.eng]  Surface features of interstellar ice. McCoustra, M., et al., [1996.eng]  Surface features of interstellar ice. McCoustra, M., et al., [1996.eng]  So-5244  Titan's surface: composition and variability from the near-infrared albedo. Coustenis, A., et al., [1995.eng]  So-2031  Infrared recomnaissance  Archive of digital data from the Defense Meteorological Satellite Program (DMSP). Kroehl, H.W., et al., [1994.eng]  So-5076  Background classification for infrared seekers. Berger, R.H., [1991.eng]  So-6658  Barents Sea ice concentration from SSM/I data. Smith, D.M., [1996.eng]  Comparison of infrared radiometers used to gather background signature data. Berger, R.H., et al., [1995.eng]  So-2474  Detection and prediction of hail with Meteosat data. Messmer, B., et al., [1995.eng]  Environmentally caused variation in exterior intrusion detection. Peck. L., [1995.eng]  Bigh spatial and temporal resolution database for synthetic scene generation and validation. Bleiweiss, M.P., et al., [1995.eng]  So-3756  POST: Polar Stratospheric Telescope. Bely, P.Y., et al., [1995.eng]  So-2527  Smart Weapons Operability Enhancement (SWOE) Joint Test and Evaluation (IT&E) Program. Final report. Welsh, J.P., [1994.eng]  Smart weapons operability enhancement synthetic scene generation process. Koenig, G.G., et al., [1995.eng]  So-3755  Snow scavenging effects on large-area smoke screens. Slota, J.R., et al., [1990.eng]  So-764  Sutriace temperature from ERS-1 ATSR infrared thermal satellite data in polar regions. Stroeve, J., et al., [1996.eng]  So-3834  Video monitoring of atmospheric icing. Wareing, J.B., et al.	Study of ice spectra in cosmic dust. Brooke, T.Y., et al., [1996.eng]  Indets  See [also]: Water intakes  Insolation Climatic changes in Northern Europe. 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Berger, A., et al., [1996.eng]  So-5862  Increasing CO <sub>2</sub> , decreasing insolation, and initiation of ice sheets. Chu. S.P., [1994.eng]  So-671  Late Quaternary lake-level record from northern Eurasia. Harrison, S.P., et al., [1996.eng]  Mechanisms of direct and indirect climate forcing by aerosols in the arctic region. Blanchet, J.P., [1995.eng]  Modeling the heating and melting of sea ice through light absorption by microalgae. Zeebe, R.E., et al., [1996.eng]  So-2844	ments; Measuring instruments; Meteorological instruments; Radiation measuring instruments: Recording instruments; Strain measuring instruments  Insulation  Application of foam insulation for remediation of degraded permafrost. Feklistov, V.N., et al. [1996.eng] 50-547. Covering, Kreiman, A.B., [1982.rus] 50-205. Depth hoar influence on permafrost thermal regime. Zhang, T., et al. [1996.eng] 50-657. Soleph hoar influence on permafrost thermal regime. Zhang, T., et al. [1996.eng] Design guide for frost-protected shallow foundations. NAHB Research Center, [1994.eng] 50-357. Economic expediency of composite insulating bricks for wall structures. Nedavnii, O.I., et al. [1995.nts] 50-357. Effect of sea ice frost flowers on infrared surface observations. Martin, S., et al. [1996.eng] 50-585. Frost heave due to ice lens formation in freezing soils. 2. Field application. Sheng, D., et al. [1995.eng] 50-87. Handwarmers benefit young citrus trees during freezes. Parsons, L.R., et al. [1995.eng] 50-87. Microsprinkler irrigation for freeze protection of young citrus trees. Davies, F.S., [1995.eng] 50-307. Physical limnological processes under ice. Kenney, B.C., [1996.eng] 50-6578. Simulation of foam protection of plants against frost. Krasovitski, B., et al., [1995.eng] 50-6678. Simulation of foam protection of plants against frost. Krasovitski, B., et al., [1995.eng] 50-6678. 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L., [1995.eng]  Bigh spatial and temporal resolution database for synthetic scene generation and validation. Bleiweiss, M.P., et al., [1995.eng]  So-3756  POST: Polar Stratospheric Telescope. Bely, P.Y., et al., [1995.eng]  So-2527  Smart Weapons Operability Enhancement (SWOE) Joint Test and Evaluation (IT&E) Program. Final report. Welsh, J.P., [1994.eng]  Smart weapons operability enhancement synthetic scene generation process. Koenig, G.G., et al., [1995.eng]  So-3755  Snow scavenging effects on large-area smoke screens. Slota, J.R., et al., [1990.eng]  So-764  Sutriace temperature from ERS-1 ATSR infrared thermal satellite data in polar regions. Stroeve, J., et al., [1996.eng]  So-3834  Video monitoring of atmospheric icing. Wareing, J.B., et al.	Study of ice spectra in cosmic dust. Brooke, T.Y., et al., [1996.eng]  Indets  See [also]: Water intakes  Insolation Climatic changes in Northern Europe. 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Mountain lacustrine deposits. Li, Y.F., et al., [1994.eng]  Paleohydrological changes in French mountains due to paleoclimatic changes. Magny, M., [1995.eng]  Paleomagnetic age constraints on New Zealand glacial deposits. Fitzsimons, S.J., et al., [1996.eng]  Palynology and sediment slumping in a high arctic Greenland lake. Fredskild, B., [1995.eng]  Palynology of the Quaternary glaciolacustrine deposits of Mount Xixia Bangma. Chen, S.M., et al., [1982.chi]  Patterns of early lake ontogeny in Glacier Bay as inferred from diatom assemblages. Fritz, S.C., et al., [1995.eng]  Pleistocene altiplanation in northern Chile. Kött, A., et al., [1995.eng]  Pleistocene geomorphology of Qinghai Lake. China. Nakao. K., et al., [1995.eng]  Pleistocene glacial lake sedimentology, Scotland. Benn, D.I., [1996.eng]  Pleistocene lacustrine record of a Chinese lake. Rhodes, T.E., et al., [1996.eng]  Pleistocene-Holocene transition in Sweden. Lord, A.R., [1990.eng]  Pollen assemblages from a borehole in Dabsan Lake. Du, N.Q., et al., [1995.eng]  Pollen assemblages from small Canadian arctic lakes. Gajewski, K., [1995.eng]  Postglacial sedimentation in the Liefdefjord area, NW Spitsbergen. Baumhauer, R., et al., [1994.ger]  Proceedings. [1994.eng]  Oinghai Lake paleohydrological variations due to climatic changes. Nakao. K., et al., [1995.eng]  50-6718	Lake bursts  1994 Lugge Tsho glacial lake outburst flood, Bhutan Himalaya. Watanabe, T., et al. [1996,eng]  Catastrophic drainage from ice-dammed glacial Lake Assiniboine. Wolfe, B., et al. [1995,eng]  Danger of lake burst flooding from a Himalayan glacial lake. Watanabe, T., et al. [1995,eng]  So-3338  Eruption-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al. [1995,eng]  Exceptional storm and its effects in the Canadian High Arctic. Cogley, J.G., et al. [1995,eng]  Exceptional storm and its effects in the Canadian High Arctic. Cogley, J.G., et al. [1996,eng]  Floods resulting from glacial lake outbursts, Yrqiang River basin, Xinjiang. China. Li, J., et al. [1994,eng]  50-354  Hudson Bay-Hudson Strait jökulhlaups and Heinrich events: a hypothesis. Johnson, R.G., et al., [1995,eng]  50-354  Identification of elements of fluvioglacial shapes characteristic of glacial outbursts. Robitaille, A., et al., [1995,fre]  50-6268  Late Wisconsinan outwash in southeastern British Columbia. Clague, J.J., [1975,eng]  Marine record of the Russell Fiord outburst flood, Alaska. U.S.A. Cowan, E.A., et al., [1996,eng]  So-4815  Marine record of the Russell Fiord outburst flood, Alaska. U.S.A. Cowan, E.A., et al., [1995,eng]  So-460  Progress in glaciology and Quaternary glaciation research in China since 1978. Shi, Y.F., et al., [1995,eng]  So-450  Regional-scale meltwater erosion and deposition patterns, north- err Quebec, Canada. Brennand, T.A., et al. [1996,eng]  So-6244  Role of sediment transport in the mechanics of jökulhlaups.  Fowler, A.C., et al., [1996,eng]	chi, T., et al. [1995,eng] Internal melt figures in Japanese pond ice and microparticles in antarctic ice cores. Higashi. A., [1996,[pn]] John So-4931 Jet-cutting as an ice-breaking aid. Preliminary report on field tests for U.S. Coast Guard. Mellor, M., et al. [1973,eng]  Lake Erie ice scour study. Lake, K., [1991,eng] So-3762 Lake Erie ice scour study. Lake, K., [1991,eng] So-3634 Model of shoreward movement of grounded lake ice. Sasaki, T., et al., [1995,eng] Modeling the effects of climate change on lakes. Frisk, T., et al., [1994,eng] Monitoring winter hydrologic characteristics of lakes by microwave radiometry. Bordonskii, G.S., et al., [1995,eng] Mown and the standard of morphometrical characteristics of Lake Ladoga. Naumenko, M.A., [1995,eng] Mysical limnological processes under ice. Kenney. B.C., [1996,eng] Phasical limnological processes under ice. Kenney. B.C., [1996,eng] Phanktonic communities of melt ponds on the McMurdo Ice Shelf, Antarctica James, M.R., et al., [1995,eng] Quaternary geology and cryogenic structure of Taymyr. Dereviagin. A.I.U., et al., [1996,eng] Satellite observation of lake water resources on the North Slope. Jeffries, M.O., et al., [1996,eng] 50-6377
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Mountain lacustrine deposits. Li, Y.F., et al., [1994.eng]  Paleohydrological changes in French mountains due to paleoclimatic changes. Magny, M., [1995.eng]  Paleomagnetic age constraints on New Zealand glacial deposits. Fitzsimons. S.J., et al. [1996.eng]  Palynology and sediment slumping in a high arctic Greenland lake. Fredskild, B., [1995.eng]  Palynology of the Quaternary glaciolacustrine deposits of Mount Xixia Bangma. Chen. S.M., et al., [1982.chi]  Patterns of early lake ontogeny in Glacier Bay as inferred from diatom assemblages. Fritz. S.C., et al., [1995.eng]  Pleistocene aluplanation in northern Chile. Kött, A., et al., [1995.eng]  Pleistocene geomorphology of Qinghai Lake. China. Nakao. K., et al., [1995.eng]  Pleistocene glacial lake sedimentology, Scotland. Benn. D.I., [1996.eng]  Pleistocene lacustrine record of a Chinese lake. Rhodes, T.E., et al., [1996.eng]  Pleistocene-Holocene transition in Sweden. Lord, A.R., [1990.eng]  Pollen assemblages from a borehole in Dabsan Lake. Du, N.Q., et al., [1986.chi]  Pollen assemblages from small Canadian arctic lakes. Gajewski, K., [1995.eng]  Postglacial sedimentation in the Liefdefjord area, NW Spitsbergen. Baumhauer, R., et al., [1994.ger]  Postglacial sedimentation in the Liefdefjord area, NW Spitsbergen. Baumhauer, R., et al., [1994.ger]  Postglacial sedimentation in the Liefdefjord area, NW Spitsbergen. Baumhauer, R., et al., [1994.ger]  Postglacial sedimentation in the Liefdefjord area, NW Spitsbergen. Baumhauer, R., et al., [1995.eng]  Oinghai Lake paleohydrological variations due to climatic changes. Nakao, K., et al., [1995.eng]  Oinghai Lake paleohydrological variations due to climatic changes. Nakao, K., et al., [1995.eng]  Quaternary eolian deposits at a salt lake in the Qaidam Basin. Wang, J.D., et al., [1986.chi]	Lake bursts  1994 Lugge Tsho glacial lake outburst flood, Bhutan Himalaya. Watanabe, T., et al. [1996,eng]  Catastrophic drainage from ice-dammed glacial Lake Assiniboine. Wolfe, B., et al. [1995,eng]  Danger of lake burst flooding from a Himalayan glacial lake. Watanabe, T., et al. [1995,eng]  Expution-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al. [1995,eng]  Exceptional storm and its effects in the Canadian High Arctic. Cogley, J.G., et al. [1976,eng]  Floods resulting from glacial lake outbursts. Yrqiang River basin, Xinjiang, China. Li, J., et al. [1994,eng]  Fludson Bay-Hudson Strati fjökhlhaups and Heinrich events: a hypothesis. Johnson, R.G., et al. [1995,eng]  So-3579  Identification of elements of fluvioglacial shapes characteristic of glacial outbursts. Robitaille, A., et al. [1995,fre]  Jökuthlaup from Katla in 1918. Tómasson, H., [1996,eng]  So-4268  Late Wisconsinan outwash in southeastern British Columbia. Clague, J.J., [1975,eng]  Marine record of the Russell Fiord outburst flood, Alaska. U.S.A. Cowan, E.A., et al., [1996,eng]  So-4815  Regional-scale meltwater erosion and deposition patterns, northerro Quebec, Canada. Brennand, T.A., et al., [1996,eng]  So-6264  Role of sediment transport in the mechanics of jökuthlaups. Fowler, A.C., et al., [1996,eng]  So-6265  Stability of water flow in glaciers. Szilder, K., et al., [1996,eng]	chi, T., et al. [1995,eng]  Internal melt figures in Japanese pond ice and microparticles in antarctic ice cores. Higashi. A., [1996,[pn]]  Jo-4931  Jet-cutting as an ice-breaking aid. Preliminary report on field tests for U.S. Coast Guard. Mellor, M., et al. [1973,eng]  Lake Erie ice scour study. Lake, K., [1991,eng]  Lake ice and its remote sensing monitoring in the Tibetan Plateau. Chen, X.Z., et al. [1995,chi]  Model of shoreward movement of grounded lake ice. Sasaki. T., et al. [1995,eng]  Modeling the effects of climate change on lakes. Frisk, T., et al. [1994,eng]  Monitoring winter hydrologic characteristics of lakes by microwave radiometry. Bordonskii, G.S., et al. [1995,eng]  New estimation of morphometrical characteristics of Lake  Ladoga. Naumenko, M.A., [1995,eng]  Physical limnological processes under ice. Kenney. B.C., [1996,eng]  Physical limnological processes under ice. Kenney. B.C., [1996,eng]  Phalktonic communities of melt ponds on the McMurdo Ice  Shelf, Antarctica, James, M.R., et al. [1995,eng]  Souternary geology and cryogenic structure of Taymyr. Dereviagin, A.I.U., et al., [1995,eng]  Satellite observation of lake ice as a climate indicator. Wynne.  R.H., et al. [1993,eng]  Souternary fines, M.O., et al. [1996,eng]  Souternar
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Mountain lacustrine deposits. Li, Y.F., et al., [1994.eng] Paleohydrological changes in French mountains due to paleoclimatic changes. Magny, M., [1995.eng] So-5038 Paleomagnetic age constraints on New Zealand glacial deposits. Fitzsimons, S.J., et al. [1996.eng] So-3676 Palynology and sediment slumping in a high arctic Greenland lake. Fredskild, B., [1995.eng] So-3368 Palynology of the Quaternary glaciolacustrine deposits of Mount Xixia Bangma. Chen. S.M., et al., [1982.chi] So-3604 Patterns of early lake ontogeny in Glacier Bay as inferred from diatom assemblages. Fritz, S.C., et al., [1995.eng] Pleistocene altiplanation in northern Chile. Kott, A., et al., [1995.eng] Pleistocene geomorphology of Qinghai Lake. China. Nakao, K., et al., [1995.eng] Pleistocene glacial lake sedimentology, Scotland. Benn. D.I., [1996.eng] Pleistocene lacustrine record of a Chinese lake. Rhodes. T.E., et al., [1996.eng] Pleistocene-Holocene transition in Sweden. Lord, A.R., [1990.eng] Pollen assemblages from a borehole in Dabsan Lake. Du, N.Q., et al., [1986.chi] Pollen assemblages from small Canadian arctic lakes. Gajewski, K., [1995.eng] Postglacial sedimentation in the Liefdefjord area, NW Spitsbergen. Baumhauer, R., et al., [1994.eng] So-1581 Proceedings. [1994.eng] Quaternary eolian deposits at a salt lake in the Qaidam Basin. Wang, J.D., et al., [1866.chi] Quaternary geology of the Buchans area, Newfoundland: implications for mineral exploration. Klassen, R.A., et al., [1992.eng] So-6634 Radioactive dating of pollen deposits in a Swedish lake. Reg. nell, J., [1992.eng]	Lake bursts  1994 Lugge Tsho glacial lake outburst flood, Bhutan Himalaya. Watanabe, T., et al. [1996,eng] 50-4236 Catastrophic drainage from ice-dammed glacial Lake Assiniboine. Wolfe, B., et al. [1995,eng] 50-4881 Danger of lake burst flooding from a Himalayan glacial lake. Watanabe, T., et al. [1995,eng] 50-3338 Eruption-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al. [1995,eng] 50-3339 Exceptional storm and its effects in the Canadian High Arctic. Cogley, J.G., et al. [1995,eng] 50-3679 Floods resulting from glacial lake outbursts. Yrqiang River basin, Xinjiang. China. Li, J., et al. [1994,eng] 50-1535 Hudson Bay-Hudson Strait jökuhlaups and Heinrich events: a hypothesis. Johnson, R.G., et al. [1995,eng] 50-354 Identification of elements of fluvioglacial shapes characteristic of glacial outbursts. Robitaille, A., et al. [1995,fre] 50-5041 Jökulhlaup from Katla in 1918. Tomasson, H., [1996,eng] S0-6268 Late Wisconsinan outwash in southeastern British Columbia. Clague, J.J., [1975,eng] 50-4815 Marine record of the Russell Fiord outburst flood, Alaska. U.S.A. Cowan, E.A., et al. [1996,eng] 50-6269 Progress in glaciology and Quaternary glaciation research in China since 1978. Shi, Y.F., et al., [1995,eng] 50-4510 Regional-scale meltwater erosion and deposition patterns, northern Quebec, Canada. Brennand, T.A., et al., [1996,eng] 50-6244 Role of sediment transport in the mechanics of jökulhlaups. Fowler, A.C., et al., [1996,eng] 50-6268 Stability of water flow in glaciers. Szilder, K., et al., [1996,eng] 50-6268 Stability of water flow in glaciers. Szilder, K., et al., [1996,eng] 50-6269 Subglacial lake burst variations in Iceland. Gudmundsson, M.T., et al., [1995,eng] 50-4346 Subglacial lake burst variations in Iceland. Gudmundsson, M.T., et al., [1995,eng] 50-34952	chi, T., et al. [1995.eng]  Internal melt figures in Japanese pond ice and microparticles in antarctic ice cores. Higashi. A., [1996.jpn]  Jo-4931  Jet-cutting as an ice-breaking aid. Preliminary report on field tests for U.S. Coast Guard. Mellor, M., et al. [1973.eng]  Lake Erie ice scour study. Lake, K., [1991.eng]  Lake ice and its remote sensing monitoring in the Tibetan Plateau. Chen. X.Z., et al. [1995.chi]  Model of shoreward movement of grounded lake ice. Sasaki, T., et al. [1995.eng]  Modeling the effects of climate change on lakes. Frisk, T., et al. [1994.eng]  Monitoring winter hydrologic characteristics of lakes by microwave radiometry. Bordonskii, G.S., et al. [1995.eng]  So-1309  New estimation of morphometrical characteristics of Lake Ladoga. Naumenko, M.A., [1995.eng]  Takamatsu, N., et al. [1995.eng]  Physical limnological processes under ice. Kenney. B.C., [1996.eng]  Phalktonic communities of melt ponds on the McMurdo Ice Shelf, Antarctica. James, M.R., et al. [1995.eng]  Quaternary geology and cryogenic structure of Taymyr. Dereviagin, A.IU., et al. [1996.eng]  So-1378  Satellite observation of lake ice as a climate indicator. Wynne. R.H., et al. [1993.eng]  So-1402  Satellite SAR identification of lake water resources on the North Slope. Jeffries, M.O., et al, [1996.eng]  Snow and ice reflectance spectra of the Nansen Ice Sheet surfaces. Zibordi, G., et al. [1996.eng]  So-3405  SSMI time series observations of Great Lakes ice and snow. Pilant, D., [1995.eng]
Mountain lacustrine deposits. Li, Y.F., et al., [1994,eng] Paleohydrological changes in French mountains due to paleoclimatic changes. Magny, M., [1995,eng] Paleomagnetic age constraints on New Zealand glacial deposits. Fizzimons. S.J., et al. [1996,eng] Palynology and sediment slumping in a high arctic Greenland lake. Fredskild, B., [1995,eng] Palynology of the Quaternary glaciolacustrine deposits of Mount Xixia Bangma. Chen. S.M., et al., [1982,eh] Patterns of early lake ontogeny in Glacier Bay as inferred from diatom assemblages. Fritz. S.C., et al., [1995,eng] Pleistocene aluplanation in northern Chile. Kott, A., et al., [1995,eng] Pleistocene geomorphology of Qinghai Lake. China. Nakao. K., et al., [1995,eng] Pleistocene glacial lake sedimentology. Scotland. Benn. D.I., [1996,eng] Pleistocene Holocene transition in Sweden. Lord. A.R., [1990,eng] Pleistocene-Holocene transition in Sweden. Lord. A.R., [1990,eng] Pollen assemblages from a borehole in Dabsan Lake. 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Brennand, T.A., et al, [1996,eng]  So-6269  Sediment discharge from an Alaskan surging glacier. Merrand, Y., et al., [1996,eng]  So-6269  Sediment discharge from an Alaskan surging glacier. Merrand, Y., et al., [1996,eng]  So-6269  Sediment discharge from an Alaskan surging glacier. Merrand, Y., et al., [1996,eng]  So-6269  Sediment discharge from an Alaskan surging glacier. Merrand, Y., et al., [1996,eng]  So-6269  Sediment discharge from an Alaskan surging glacier. Merrand, Y., et al., [1996,eng]  So-6269  Sediment discharge from an Alaskan surging glacier. Merrand, Y., et al., [1995,eng]  So-6269  Sediment discharge from an Alaskan surging glacier. Merrand, Y., et al., [1996,eng]	chi, T., et al. [1995,eng] Internal melt figures in Japanese pond ice and microparticles in antarctic ice cores. Higashi. A., [1996,[pn]] Jo-4931 Jet-cutting as an ice-breaking aid. Preliminary report on field tests for U.S. Coast Guard. Mellor, M., et al. [1973,eng] Jo-3762 Lake Erie ice scour study. Lake, K., [1991,eng] Jo-3762 Lake Erie ice scour study. Lake, K., [1991,eng] Jo-3762 Lake Erie ice scour study. Lake, K., [1991,eng] Jo-3762 Lake ice and its remote sensing monitoring in the Tibetan Plateau. Chen, X.Z., et al. [1995,chi] Model of shoreward movement of grounded lake ice. Sasaki, T., et al. [1995,eng] Jo-3329 Modeling the effects of climate change on lakes. Frisk, T., et al. [1994,eng] Monitoring winter hydrologic characteristics of lakes by microwave radiometry. Bordonskii, G.S., et al. [1995,eng] New estimation of morphometrical characteristics of Lake Ladoga. Naumenko, M.A., [1995,nus] Jorigin of salt in lakes and ponds of the McMurdo Dry Valleys. Takamatsu, N., et al. [1995,eng] Physical limnological processes under ice. Kenney, B.C., [1996,eng] Jo-4578 Planktonic communities of melt ponds on the McMurdo Ice Shelf, Antarctica. James, M.R., et al. [1995,eng] Quaternary geology and cryogenic structure of Taymyr. Derevia- gin, A.I.U., et al. [1996,eng] Satellite Observation of lake ice as a climate indicator. Wynne, R.H., et al. [1993,eng] So-4872 Satellite Observation of lake water resources on the North Slope, Jeffries, M.O., et al. [1996,eng] So-6478 Simulation and observation of ice formation (freeze-over) in a lake. Fang, X., et al. [1996,eng] So-5467 SSM1 time series observations of Great Lakes ice and snow. Pilant, D., [1995,eng] Thermal ice ridges or ramparts in Lake Kussharo. Toukairin, A., So-3000
Mountain lacustrine deposits. Li, Y.F., et al., [1994.eng]  Paleohydrological changes in French mountains due to paleoclimatic changes. Magny, M., [1995.eng]  Paleomagnetic age constraints on New Zealand glacial deposits. Fitzsimons, S.J., et al. [1996.eng]  Palyonology and sediment slumping in a high arctic Greenland lake. Fredskild, B., [1995.eng]  Palyonology of the Quaternary glaciolacustrine deposits of Mount Xixia Bangma. Chen, S.M., et al., [1982.chi]  Patterns of early lake ontogeny in Glacier Bay as inferred from diatom assemblages. Fritz, S.C., et al., [1995.eng]  Pleistocene altiplanation in northern Chile. Kött, A., et al., [1995.eng]  Pleistocene altiplanation in northern Chile. Kött, A., et al., [1995.eng]  Pleistocene geomorphology of Qinghai Lake. China. Nakao, K., et al., [1995.eng]  Pleistocene glacial lake sedimentology, Scotland. Benn. D.I., [1996.eng]  Pleistocene lacustrine record of a Chinese lake. 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Reg. nell, J., [1992.eng]	Lake bursts  1994 Lugge Tsho glacial lake outburst flood, Bhutan Himalaya. Watanabe, T., et al. [1996,eng]  Catastrophic drainage from ice-dammed glacial Lake Assiniboine. Wolfe, B., et al. [1995,eng]  Danger of lake burst flooding from a Himalayan glacial lake. Watanabe, T., et al. [1995,eng]  So-3338  Eruption-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al. [1995,eng]  Exceptional storm and its effects in the Canadian High Arctic. Cogley, J.G., et al. [1976,eng]  Floods resulting from glacial lake outbursts. Yrqiang River basin, Xinjiang, China. Li, J., et al. [1994,eng]  Fludson Bay-Hudson Strati fjökhlhaups and Heinrich events: a hypothesis. Johnson, R.G., et al. [1995,eng]  So-3679  Identification of elements of fluvioglacial shapes characteristic of glacial outbursts. Robitaille, A., et al. [1995,eng]  So-6268  Late Wisconsinan outwash in southeastern British Columbia. Clague, J.J., [1975,eng]  Marine record of the Russell Fiord outburst flood, Alaska. U.S.A. Cowan, E.A., et al., [1996,eng]  So-4815  Marine record of the Russell Fiord outburst flood, Alaska. U.S.A. Cowan, E.A., et al., [1996,eng]  Regional-scale meltwater erosion and deposition patterns, northern Quebec, Canada. Brennand, T.A., et al., [1996,eng]  So-6264  Role of sediment transport in the mechanics of jökulhlaups. Fowler, A.C., et al., [1996,eng]  Sol-6269  Sediment discharge from an Alaskan surging glacier. Merrand, Y., et al., [1996,eng]  Sol-6269  Subility of water flow in glaciers. Szilder, K., et al., [1995,eng]  Sol-6269  Subility of water flow in glaciers. Szilder, K., et al., [1995,eng]  Sol-6269  Subility of water flow in glaciers. Szilder, K., et al., [1995,eng]  Sol-6268  Subglacial lake burst variations in Iceland. Gudmundsson, M.T., et al., [1995,eng]  Sol-6268  Subglacial lake burst variations in Iceland. Gudmundsson, M.T., et al., [1995,eng]	chi, T., et al. 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Centrifuge modeling and numerical simulation of ice scour. Yang. Q.S., et al. [1996,eng] 50-5936 Compacted snow road. 1. Properties of snow. Eriksson, R., [1959,eng] 50-3853 Compaction tests to simulate icy satellite regolith physics. Leliwa-Kopystyński, J., et al. [1995,eng] 50-5200 Computational modelling of brittle ice fragmentation. Tuhkuri, J., [1996,eng] 50-5942 Concrete/reinforcing steel bond strength of low-temperature concrete. Schroeder, H.P., et al. [1996,eng] 50-4757 Conductivity effects on electromagnetic emissions (EME) from ice fracture. O'Keefe, S.G., et al. [1996,eng] 50-4221 Creep, shrinkage, frost, and subphate resistance of high strength concrete. Ghosh, S., et al. [1995,eng] 50-577 Cyclic direct simple shear testing of a Beaufort Sea clay. McCarron, W.O., et al. [1995,eng] 50-579	Preliminary results from fatigue tests on in situ sea ice beams. Haskell, T.G., et al. [1996.eng] 50-5469 Pressure studies on frost heave in soil and glaciers. Radd, F.J., et al. [1966.eng] 50-1409 Proceedings. Colloquium on Frost Heave Testing and Research, Nottingharm. England. May 18, 1977, [1977.eng] 50-2311 Proceedings. Seminar on the Prediction of Frost Heave, Nottingham. England. Apr. 9, 1981, [1981.eng] 50-2135 Recommendations for concrete slab freeze-thaw testing. Réunion Internationale des Laboratoires d'Essais et de Recherches sur les Matériaux et les Constructions, [1995.eng] 50-1085 Reinforcement percentage effects on bending strength of soil-ice mixtures. Nixon, W.A., et al. [1995.eng] 50-358 Resilient modulus of cohesive soils and the effect of freeze-thaw. Lee, W.J., et al. [1995.eng] 50-578	Controlled melting in a thermal storage phase change material Prasad, A., et al. [1996,eng]  Direct contact melting process on a curved wall coated with a porous layer. Oka, M., et al. [1996,eng]  Experimental study of the melting from discrete heat sources in a vertical enclosure. Duong, T., et al. [1996,eng]  Melting inside a cylinder filled with phase change material Back, Y.R., et al. [1996,eng]  Study on the behaviour of the direct contact melting under unsteady condition. Saito, A., et al. [1996,eng]  See [also]: Artificial melting: Defrosting: Glacier melting: Ice melting: Snow melting; Thawing  Melting points  Classical and quantum mechanical studies of ice In near the melting temperature. Gai, H.D., et al. [1996,eng]  Experimental study on the melting transition at interface
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International Arctic Science Com-	Controlled melting in a thermal storage phase change material Prasad, A., et al, [1996,eng]  Direct contact melting process on a curved wall coated with a porous layer. Oka, M., et al, [1996,eng]  Experimental study of the melting from discrete heat sources in a vertical enclosure. Duong, T., et al, [1996,eng]  Melting inside a cylinder filled with phase change material Back, Y.R., et al, [1996,eng]  So-645;  Melting inside a cylinder filled with phase change material Back, Y.R., et al, [1996,eng]  See [also]. Artificial melting; Defrosting; Glacier melting; Ice melting; Snow melting; Thawing  Melting points  Classical and quantum mechanical studies of ice In mear the melting temperature. Gai, H.D., et al, [1996,eng]  Experimental study on the melting transition at between ice crystal and substrate. Furukawa, Y., et al [1994,eng]  Ion flux through a shallow snowpack: effects of initial conditions and melt sequences. 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Todini, E., [1996,eng]  Bogenic organic compounds in ponds on the McMurdo Ice of the state of the state of subglacial drainage patterns stone, D.B., et al, [1996,eng]  Biogenic organic compounds in ponds on the McMurdo Ice of the state of the state of subglacial drainage patterns stone, D.B., et al, [1996,eng]  Biogenic organic compounds in ponds on the McMurdo Ice of the state of the state of the state of subglacial drainage patterns subglacial reatment of
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Nishimura, K., [1996,eng]  Soil-826  Mediterranean Sea  Glacial drainage towards the Mediterranean during the Middle and Late Pleistocene. Arkhipov, S.A., et al., [1995,eng]  Meetings	Controlled melting in a thermal storage phase change material Prasad, A., et al, [1996,eng]  Direct contact melting process on a curved wall coated with a porous layer. Oka, M., et al, [1996,eng]  Experimental study of the melting from discrete heat sources in a vertical enclosure. Duong, T., et al, [1996,eng]  Melting inside a cylinder filled with phase change material Back, Y.R., et al, [1996,eng]  See [also]: Artificial melting: Defrosting: Glacier melting: Ice melting: Snow melting: Thawing  Melting points  Classical and quantum mechanical studies of ice Ih near the melting temperature. Gai, H.D., et al, [1996,eng]  Experimental study on the melting transition at between ice crystal and substrate. 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Lytle, V.I., et al, [1996,eng]  So-3148  ICESTAR: a spaceborne ice and coastal environment surveil-lance system. Cavalieri, D.J., et al, [1996,eng]  So-482  Improved use of passive microwave data for sea ice detection. Heygster, G.C., et al, [1992,eng]  So-482  Intercomparisons of sea ice concentration from SSMI and AVHRR data of the Ross Sea. Zibordi, G., et al, [1995,eng]  So-938  Land surface studies and atmospheric effects by satellite microwave radiometry. Aschbacher, J., [1990,eng]  Microwave radiometry for monitoring the diverse cloudiness regimes on Earth: a review. Katsaros, K.B., [1992,eng]  Microwave radiometry for monitoring the diverse cloudiness regimes on Earth: a review. Katsaros, K.B., [1992,eng]  Microwave radiometry for monitoring the diverse cloudiness regimes on Earth: a review. Katsaros, K.B., [1992,eng]  Microwave radiometry for monitorioring the diverse cloudiness regimes on Earth: a review. 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Gan, T.Y., [1996,eng]  So-4808	J.P., et al., [1995.eng]  Traction and hardening tests of mobile missile launcher over frozen ground. Chamberlain, E.J., et al., [1988.eng]  1971 performance survey of DEW Line ice cap stations DYE-2 and DYE-3. Flax, D., et al., [1971.eng]  50-5756  Adsorption-desorption of TNT and RDX in soils. Xue, S.K., et al., [1995.eng]  50-1686  Analytical methods for explosives contamination on army installations. Jenkins, T.F., et al., [1995.eng]  50-1696  Analytical methods for explosives contamination on army installations. Jenkins, T.F., et al., [1995.eng]  50-1696  Analytical methods for explosives contamination on army installations. Jenkins, T.F., et al., [1995.eng]  50-1696  Development of colorimetric field screening methods for munitions compounds in soil. Jenkins, T.F., et al., [1995.eng]  50-1695  Dredging Eagle River Flats: remediation study in an active impact area. Walsh, M.R., [1996.eng]  50-5913  End of season report: Operation Deep Freeze 95/96. 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Marcelli, A.M., [1995,eng]	Spectroscopic analysis of frozen cement paste microstructure. Olson, R.A., et al, [1995.eng] Use of thermal analysis in the development of a better understanding of frozen food stability. Goff, H.D., [1995.eng] See [also]: Ice microstructure Microwaves Airborne imaging microwave radiometer—part I: radiometric analysis. Collins, M.J., et al, [1996.eng] So-3357 Asphaltic compositions and uses therefor. Long, H.W., [1995.eng] So-3465 Comparison between snow cover products derived from visible and microwave satellite observations. Basist, A., et al, [1996.eng] So-3465 Comparison between snow cover products derived from visible and microwave satellite observations. Basist, A., et al, [1996.eng] So-3007 Development of a portable ice-thickness measuring instrument. Glynn, D.P., et al, [1992.eng] Effective permittivity microwave model for wet and frozen soils. 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Katsaros, K.B., [1992.eng] So-0690 Passive microwave snow research in the Canadian High Arctic. Gan, T.Y., [1996.eng] So-0600 Passive microwave snow research in the Canadian High Arctic. G	J.P., et al., [1995.eng]  Traction and hardening tests of mobile missile launcher over frozen ground. Chamberlain, E.J., et al., [1988.eng]  1971 performance survey of DEW Line ice cap stations DYE-2 and DYE-3. Flax, D., et al., [1971.eng]  50-5756  Adsorption-desorption of TNT and RDX in soils. Xue, S.K., et al., [1995.eng]  50-1686  Analytical methods for explosives contamination on army installations. Jenkins, T.F., et al., [1995.eng]  50-1696  Analytical methods for explosives contamination on army installations. Jenkins, T.F., et al., [1995.eng]  50-1696  Analytical methods for explosives contamination on army installations. Jenkins, T.F., et al., [1995.eng]  50-1696  Development of colorimetric field screening methods for munitions compounds in soil. 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Satellite monitoring of antarctic stratosphere volcanic aerosols.		
Saxena, V.K., et al, [1995.eng] 50-591	50-5455	Early Tertiary vegetation and paleoclimatology of arctic Canada.
Satellite observation of arctic prope depletion Miller D -+ -1	Circulation and transport of water along the western Weddell	Early Tertiary vegetation and paleoclimatology of arctic Canada. Basinger, J.F., et al, [1994,eng] 50-905
Satellite observation of arctic ozone depletion. Müller, R., et al., [1996.eng] 50-6636	Circulation and transport of water along the western Weddell Sea margin. Muench, R.D., et al. [1995,eng] 50-568	Early Tertiary vegetation and paleoclimatology of arctic Canada.  Basinger, J.F., et al, [1994,eng] 50-905  Early Weichselian interstadial land biotas at Thule, northwest
[1996,eng] <b>50-6636</b>	Circulation and transport of water along the western Weddell	Early Tertiary vegetation and paleoclimatology of arctic Canada.  Basinger, J.F., et al. [1994.eng] 50-905  Early Weichselian interstadial land biotas at Thule, northwest  Greenland, Bennike, O., et al. [1992.eng] 50-2553
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Onuma, H., et al., [1995,jpn] Wear resistance of concrete pavements to studded ties Hultqvist, B.A., et al., [1996,esw] Wear resistance of concrete pavements. Pedersen, N [1988,eng]	Rock drilling Churchill Falls development. Canadian Industries Limited. Explosives Technical Marketing Services, [1971,eng] 50-5738 Composite report on drilling and blasting of permafrost at Ferriman Mine. Lang. L.C., [1964,eng] 50-5762 Driving the diversion tunnel at Manic 3. Canadian Industries Limited. Explosives Technical Marketing Services, [1972,eng] 50-57737 New permafrost blasting method developed at Asbestos Hill. Lang. L.C., [1976,eng] 50-5749 Rock excavation Blasting frozen iron ore at Knob Lake. Lang. L.C., [1966,eng] 50-5805 Churchill Falls development. Canadian Industries Limited. Explosives Technical Marketing Services, [1971,eng] 50-5738 Composite report on drilling and blasting of permafrost at Ferriman Mine. Lang. 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Rashkin, A.V., [1993,us]  50-6128  Early stages of till genesis: an example from Fanore, County Clare, Ireland, Croot, D.G., et al., [1996,eng]  S0-6825  Evolving
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Forecasting deformation properties of thawing sandy soils according to data from compression tests. Gerasimov, A.S., et	First observational evidence for condensation of lo's SO <sub>2</sub> atmo- sphere on the nightside. Buratti, B.J., et al, [1995,eng] 50-2154	ner, L., et al. [1995,eng] 50-2611
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Visual range theory  See [also]: Visibility  Vitreous ice  Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al., [1996.cng]  Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al., [1996.cng]  50-6531	T.C., [1995,eng]  So-1655  Eruption-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al. [1995,eng]  Geochemistry of volcanic ashes from Greenland Basin. Haase, K.M., et al. [1996,eng]  Geomorphic effects of the retreat of Jamapa Glacier, Pico de Orizaba Volcano (Mexico). Palacios, D., et al. [1996,eng]  50-5578	Roadside temperature displays and use of studless tires. Takagi, H., [1993.jpn] 50-2840 SNOTAMs: Advisories on airport snow and ice conditions. Hamm, J., [1996.eng] 50-3685 Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al., [1994.rus] 50-278 Swiss concept for forecasting the danger of avalanches.
Visual range theory  See (also): Visibility  Vitreous ice  Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.eng]  See S813  Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al. [1996.eng]  Spectroscopic damage to hydrated specimens in vitreous ice.	T.C., [1995,eng]  Supplied the strong of the	Roadside temperature displays and use of studless tires. Takagi, H., [1993.jpn]  SNOTAMs: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al., [1994,rus]  50-278  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection sys-
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Visual range theory  See (also): Visibility  Vitreous ice  Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.eng]  Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al. [1996.eng]  Spectroscopic damage to hydrated specimens in vitreous ice.  Leapman, R.D., et al. [1995.eng]  Vitrification of articular cartilage by high-pressure freezing. Studer, D., et al. [1995.eng]  50-6589	T.C., [1995,eng]  Supplied the strength of the	Roadside temperature displays and use of studless tires. Takagi, H., [1993, jpn]  SNOTAM'S: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al, [1994,rus]  So-278  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al, [1995,eng]  So-4544  Testing of radome material and special coatings for North Warn-
Visual range theory  See [also]: Visibility  Vitreous ice  Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.cng]  Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sarton, N., et al. [1996.cng]  50-6531  Spectroscopic damage to hydrated specimens in vitreous ice.  Leapman, R.D., et al. [1995.cng]  Vitrification of articular cartilage by high-pressure freezing.	T.C., [1995,eng]  So-1655  Eruption-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al., [1995,eng]  Geochemistry of volcanic ashes from Greenland Basin. Haase. K.M., et al., [1996,eng]  So-5267  Geomorphic effects of the retreat of Jamapa Glacier, Pico de Orizaba Volcano (Mexico). Palacios, D., et al., [1996,eng]  So-5578  Impact of subglacial geothermal activity on glacier meltwater quality. Lawler, D.M., et al., [1996,eng]  So-6087  Late Cenozoic tectonics and the dynamics of the west antarctic ice sheet. Behrendt, J.C., et al., [1994,eng]  So-1884  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-2993	Roadside temperature displays and use of studless tires. Takagi, H., [193, jpn]  SNOTAMs: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al, [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al, [1995,eng]  S0-4544  Testing of radome material and special coatings for North Warning System. Crory, F.E., [1988,eng]  S0-761  Use of remote sensing spacecraft in real-time support for disas-
Visual range theory  See (also): Visibility  Vitreous ice  Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.eng]  See Sensing Sartori, N., et al. [1996.eng]  Spectroscopic damage to hydrated specimens in vitreous ice.  Leapman, R.D., et al. [1995.eng]  Solutification of articular cartilage by high-pressure freezing. Studer, D., et al. [1995.eng]  Studer, D., et al. [1995.eng]  Solution of articular cartilage and physhopherostre freezing. Studer, D., et al. [1996.eng]  Nolution of surface. Bellissent-Funel, M.C., et al. [1996.eng]  Solution of surface. Bellissent-Funel, M.C., et al. [1996.eng]	T.C., [1995,eng]  Supplied Troughered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al., [1995,eng]  Geochemistry of volcanic ashes from Greenland Basin. Haase, K.M., et al., [1996,eng]  Geomorphic effects of the retreat of Jamapa Glacier, Pico de Orizaba Volcano (Mexico). Palacios, D., et al., [1996,eng]  Supplied Trougher, D.M., et al., [1994,eng]	Roadside temperature displays and use of studless tires. Takagi, H., [1993,pn]  SNOTAM3: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al, [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al, [1995,eng]  Substem. Crory, F.E., [1988,eng]  Use of remote sensing spacecraft in real-time support for disaster management. Tortorici Montaperto, A., et al., [1992,eng]
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Visual range theory  See (also): Visibility  Vitreous ice  Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.eng]  Seb-5813  Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al. [1996.eng]  Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995.eng]  Suirification of articular cartilage by high-pressure freezing. Studer, D., et al. [1995.eng]  Studer, D., et al. [1995.eng]  X-ray and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel. M.C., et al. [1996.eng]  See (also): Arnorphous ice  Volcamic ash  10-century comparison of prominent bipolar volcanic events in	T.C., [1995,eng]  Supplied Trunching	Roadside temperature displays and use of studless tires. Takagi. H., [1993,pn]  SNOTAM3: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al., [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  So-4544  Testing of radome material and special coatings for North Warning System. Crory, F.E., [1988,eng]  Use of remote sensing spacecraft in real-time support for disaster management. Tortorici Montaperto, A., et al., [1992,eng]  Warning device for precipitation. Romanov, E.V., et al., [1992,rus]
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Visual range theory  See (also): Visibility  Vitreous ice Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.eng] So-5813 Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al. [1996.eng] Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995.eng] Sudder, D., et al. [1995.eng] Studer, D., et al. [1995.eng] Studer, D., et al. [1995.eng] Sv. ray and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel, M.C., et al. [1996.eng] See (also): Amorphous ice  Volcamic ash 10-century comparison of prominent bipolar volcanic events in ice cores. Langway, C.C., Ir., et al., [1995.eng] So-583 110,000-yr record of explosive volcanism from the GISP2 (Greenland) ice core. Zielinski, G.A., et al., [1996.eng]	T.C., [1995,eng]  Supplied Trunching	Roadside temperature displays and use of studless tires. Takagi. H., [1993,pn]  SNOTAM3: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al., [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  So-454  Testing of radome material and special coatings for North Warning System. Crory, F.E., [1988,eng]  Use of remote sensing spacecraft in real-time support for disaster management. Tortorici Montaperto, A., et al., [1992,eng]  Warning device for precipitation. Romanov, E.V., et al., [1992,rus]  So-1906  Warning system for snow on power lines using neural networks. Ohta, H., et al., [1996,eng]  Winter operations: keeping crews safe,[1995,eng]
Visual range theory  See [also]: Visibility  Vitreous ice Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.eng] Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al. [1996.eng] 50-6651 Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995.eng] Vitrification of articular cartilage by high-pressure freezing. Studer, D., et al. [1995.eng] Svary and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel, M.C., et al. [1996.eng] See [also]: Amorphous ice  Volcamic ash 10-century comparison of prominent bipolar volcanic events in ice cores. Langway, C.C., Jr., et al., [1995.eng] 110,000-yr record of explosive volcanism from the GISP2 (Greenland) ice core. Zielinski, G.A., et al., [1996.eng] 50-4575	T.C., [1995,eng]  So-1655  Eruption-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al., [1995,eng]  Geochemistry of volcanic ashes from Greenland Basin. Haase. K.M., et al., [1996,eng]  Geomorphic effects of the retreat of Jamapa Glacier, Pico de Orizaba Volcano (Mexico). Palacios, D., et al. [1996,eng]  50-5578  Impact of subglacial geothermal activity on glacier meltwater quality. Lawler, D.M., et al., [1996,eng]  Late Cenozoic tectonics and the dynamics of the west antarctic ice sheet. Behrendt, J.C., et al., [1994,eng]  Foducts of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-1894  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-2878  Tholeittic-alkalic transition at subglacial volcanoes, Tuya region, British Columbia, Canada. Moore, J.G., et al., [1995,eng]  50-3012  Volcanic and tectonic history of Enceladus. Kargel, J.S., et al., [1996,eng]  50-3864  Volcanic cruption at a New Zealand ski resort prompts reevalua-	Roadside temperature displays and use of studless tires. Takagi, H., [193, jpn]  SNOTAMs: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Teresheekov, O.M., et al., [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  S0-4544  Testing of radome material and special coatings for North Warning System. Crory, F.E., [1988,eng]  S0-6020  Warning device for precipitation. Romanov, E.V., et al., [1992,rus]  Warning device for precipitation. Romanov, E.V., et al., [1992,rus]  Warning system for snow on power lines using neural networks. Ohta, H., et al., [1996,eng]  Winter operations: keeping cross safe, [1995,eng]  Winter warning traffic signs in Hokkaido. Takayama, H., et al.
Visual range theory  See [also]: Visibility  Vitreous ice Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al, [1996.eng] Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al, [1996.eng] 50-6531 Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995.eng] Virification of articular cartilage by high-pressure freezing. Studer, D., et al, [1995.eng] Studer, D., et al, [1995.eng] Studer, D., et al, [1995.eng] Studer, D., et al, [1995.eng] Studer, D., et al, [1995.eng] Sto-6589 Sto-6589 Sto-6589 So-6589	T.C., [1995,eng]  Supplied Trunching	Roadside temperature displays and use of studless tires. Takagi. H., [1933,pn]  SNOTAM3: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al., [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  Southern Crory, F.E., [1988,eng]  Use of remote sensing spacecraft in real-time support for disaster management. Tortorici Montaperto, A., et al., [1992,eng]  Warning device for precipitation. Romanov, E.V., et al., [1992,rus]  Southern operations: keeping crews safe, [1995,eng]  Winter operations: keeping crews safe, [1995,eng]  Winter operations: keeping crews safe, [1995,eng]  Winter warning traffic signs in Hokkaido. Takayama, H., et al., [1995,jpp]  See [also]: Monitors
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Vitreous ice Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al, [1996.eng] 50-5813 Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sarton, N., et al, [1996.eng] 50-6651 Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995.eng] 50-1648 Vitrification of articular cartilage by high-pressure freezing. Studer, D., et al, [1995.eng] 50-6589 X-ray and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel, M.C., et al, [1996.eng] 50-65713 See (also): Amorphous ice Volcamic ash 10-century comparison of prominent bipolar volcanic events in ice cores. Langway, C.C., Ir., et al, [1995.eng] 50-583 110,000-yr record of explosive volcanism from the GISP2 (Greenland) ice core. Zielinski, G.A., et al, [1996.eng] 50-585 Albedo of dirty snow during conditions of melt. Conway, H., et al, [1996.eng] 50-5969 Basic study of pyroclastic flow on a snow-covered slope. Miura, A., et al, [1994.jpn] 50-279 Climatic significance of bristlecone pine frost-ring records. Brunstein, F.C., [1996.eng] 50-779 Climatic significance of bristlecone pine frost-ring records. Brunstein, F.C., [1996.eng] 50-4338 Distributions of volcanic aerosols in antarctic polar stratospheric clouds. Adriani, A., et al, al, [1995.eng] 50-2848 Effect of volcanic aerosols on ultraviolet radiation in Antarctica.	T.C., [1995,eng]  So-1655  Eruption-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al., [1995,eng]  Geochemistry of volcanic ashes from Greenland Basin. Haase. K.M., et al., [1996,eng]  Geomorphic effects of the retreat of Jamapa Glacier, Pico de Orizaba Volcano (Mexico). Palacios, D., et al., [1996,eng]  So-5578  Impact of subglacial geothermal activity on glacier melitwater quality. Lawler, D.M., et al., [1996,eng]  So-687  Late Cenozoic tectonics and the dynamics of the west antarctic ice sheet. Behrendt, J.C., et al., [1994,eng]  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-1884  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-2993  Seismo-acoustic studies in a flooded caldera on Deception Island. Kowalewski, W., et al., [1998,pol]  So-2878  Tholeitic-alkalic transition at subglacial volcanoes. Tuya region, British Columbia, Canada. Moore, J.G., et al., [1995,eng]  Volcanic and tectonic history of Enceladus. Kargel, J.S., et al., [1996,eng]  Volcanic eruption at a New Zealand ski resort prompts reevaluation of hazards. Ruapehu Surveillance Group, [1996,eng]  So-5501  Volume  Freeze-thaw effects of fine-grained soil permeability. Eigenbrod, K.D., [1996,eng]  See [also]: Ice volume  Walls  Design guide for frost-protected shallow foundations. NAHB Research Center, [1994,eng]	Roadside temperature displays and use of studless tires. Takagi. H., [1934,pn]  SNOTAM3; Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al., [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  So-4544  Testing of radome material and special coatings for North Warning System. Crory, F.E., [1988,eng]  Use of remote sensing spacecraft in real-time support for disaster management. Tortorici Montaperto, A., et al., [1992,eng]  Warning device for precipitation. Romanov, E.V., et al., [1992,rus]  Warning system for snow on power lines using neural networks. Ohta, H., et al., [1996,eng]  So-5355  Winter operations: keeping crews safe.[1995,eng]  Soe [also]: Monitors  Waste disposal  1994-1995 antarctic field season. Roberts, C.A., et al., [1995,eng]  Alternatives for closure of solid oily waste sites on the North Slope of Alaska. Kellems, B.L., et al., [1991,eng]  So-1708  Alternatives for closure of solid oily waste sites on the North Slope of Alaska. Kellems, B.L., et al., [1991,eng]  So-50552  Antarctic journal of the United States, vol.28, no.4. [1995,eng]
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Lawler, D.M., et al., [1996,eng]  So-6087  Late Cenozoic tectonics and the dynamics of the west antarctic ice sheet. Behrendt, J.C., et al., [1994,eng]  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-1884  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-2993  Seismo-acoustic studies in a flooded caldera on Deception Island. Kowalewski, W., et al., [1989,pol]  So-2878  Tholeitic-alkalic transition at subglacial volcanoes. Tuya region, British Columbia, Canada. Moore, J.G., et al., [1995,eng]  Volcanic and tectonic history of Enceladus. Kargel, J.S., et al., [1996,eng]  Volcanic eruption at a New Zealand ski resort prompts reevaluation of hazards. Ruapehu Surveillance Group, [1996,eng]  Soe [1996,eng]  See [also]: Ice volume  Walls  Design guide for frost-protected shallow foundations. NAHB Research Center, [1994,eng]  Economic expediency of composite insulating bricks for wall structures. Nedavnii, O.I., et al., [1995,rus]  So-3579  Economic expediency of composite insulating bricks for wall structures. Nedavnii, O.I., et al., [1995,rus]  So-35160	Roadside temperature displays and use of studless tires. Takagi, H., [1933,pn]  SNOTAM: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al, [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Southern States of the danger of avalanches. Ammann, W.J., [1995,fre]  Southern States of the danger of avalanches. Ammann, W.J., [1995,fre]  Southern States of the danger of avalanches. Ammann, W.J., [1995,fre]  Southern States of the danger of avalanches. Ammann, W.J., [1995,fre]  Southern States of the danger of avalanches. 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Visual range theory  See [also]: Visibility  Vitreous ice  Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.eng]  Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al. [1996.eng]  So-6651  Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995.eng]  So-1648  Vitrification of articular cartilage by high-pressure freezing. Studer, D., et al. [1995.eng]  So-6589  X-ray and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel, M.C., et al. [1996.eng]  See [also]: Amorphous ice  Volcamic ash  10-century comparison of prominent bipolar volcanic events in ice cores. Langway, C.C., Ir., et al., [1995.eng]  50-573  110,000-yr record of explosive volcanism from the GISP2 (Greenland) ice core. Zielinski, G.A., et al., [1996.eng]  So-4575  Albedo of dirty snow during conditions of melt. Conway, H., et al., [1996.eng]  Basic study of pyroclastic flow on a snow-covered slope. Miura, A., et al., [1994.jpn]  Bismuth in recent snow from central Greenland: preliminary results. Candelone, J.P., et al., [1995.eng]  Distributions of volcanic aerosols in antarctic polar stratospheric clouds. Adriani, A., et al., [1996.eng]  50-2836  Electron-beam-induced amorphization in Antarctica. Tsitas, S.R., et al., [1996.eng]  50-2846  Electron-beam-induced amorphization in conductivity measurements in ice. Sugiyama, K., et al., [1995.eng]	T.C., [1995,eng]  So-1655  Eruption-triggered flood from a glacier-clad volcano in Columbia. Thouret, J.C., et al., [1995,eng]  Geochemistry of volcanic ashes from Greenland Basin. Haase. K.M., et al., [1996,eng]  Geomorphic effects of the retreat of Jamapa Glacier. Pico de Orizaba Volcano (Mexico). Palacios, D., et al. [1996,eng]  50-5578  Impact of subglacial geothermal activity on glacier meltwater quality. Lawler, D.M., et al., [1996,eng]  Late Cenozoic tectonics and the dynamics of the west antarctic ice sheet. Behrendt, J.C., et al., [1994,eng]  Froducts of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-1834  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-2993  Seismo-acoustic studies in a flooded caldera on Deception Island. Kowalewski, W., et al., [1989,pol]  50-2878  Tholeiitic-alkalic transition at subglacial volcanoes. Tuya region. British Columbia, Canada. Moore, J.G., et al., [1995,eng]  50-3012  Volcanic and tectonic history of Enceladus. Kargel, J.S., et al., [1996,eng]  Volcanic eruption at a New Zealand ski resort prompts reevaluation of hazards. Ruapehu Surveillance Group, [1996,eng]  Soe [also]: Ice volume  Walls  Design guide for frost-protected shallow foundations. NAHB Research Center, [1994,eng]  Economic expediency of composite insulating bricks for wall structures. Nedavnii, O.I., et al., [1995,rus]  50-3722  Energy saving building systems based on advanced hollow core slab technology. Kajava, A., [1984,eng]  50-3160  Forcasting the thermal regime of thin-walled moored structures	Roadside temperature displays and use of studless tires. Takagi. H., [1934,pn]  SNOTAM3; Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. Tereshenkov, O.M., et al., [1994,rus]  Swiss concept for forecasting the danger of avalanches. Ammann, W.J., [1995,fre]  Temporal weather impacts upon exterior intrusion detection systems. Ryerson, C.C., et al., [1995,eng]  So-4544  Testing of radome material and special coatings for North Warning System. Crory, F.E., [1988,eng]  Use of remote sensing spacecraft in real-time support for disaster management. Tortorici Montaperto, A., et al., [1992,eng]  Warning device for precipitation. Romanov, E.V., et al., [1992,rus]  Warning system for snow on power lines using neural networks. Ohta, H., et al., [1996,eng]  So-5355  Winter operations: keeping crews safe.[1995,eng]  Soe [also]: Monitors  Waste disposal  1994-1995 antarctic field season. Roberts, C.A., et al., [1995,eng]  Alternatives for closure of solid oily waste sites on the North Slope of Alaska. Kellems, B.L., et al., [1991,eng]  So-1708  Alternatives for closure of solid oily waste sites on the North Slope of Alaska. Kellems, B.L., et al., [1991,eng]  So-50552  Antarctic journal of the United States, vol.28, no.4. [1995,eng]
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Visual range theory  See [also]: Visibility  Vitreous Ice Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al, [1996,eng] 50-5813  Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al, [1996,eng] 50-6651  Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995,eng] 50-1648  Vitrification of articular cartilage by high-pressure freezing. Studer, D., et al, [1995,eng] 50-6589  X-ray and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel. M.C., et al, [1996,eng] 50-65713  See [also]: Amorphous ice  Volcamic ash  10-century comparison of prominent bipolar volcanic events in ice cores. Langway, C.C., Jr., et al, [1995,eng] 50-583  110,000-yr record of explosive volcanism from the GISP2 (Greenland) ice core. Zielinski, G.A., et al, [1996,eng] 50-4575  Albedo of dirty snow during conditions of melt. 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K.M., et al., [1996,eng]  Geomorphic effects of the retreat of Jamapa Glacier. Pico de Orizaba Volcano (Mexico). Palacios, D., et al. [1996,eng]  50-5578  Impact of subglacial geothermal activity on glacier meltwater quality. Lawler, D.M., et al., [1996,eng]  Late Cenozoic tectonics and the dynamics of the west antarctic ice sheet. Behrendt, J.C., et al., [1994,eng]  Froducts of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  Seismo-acoustic studies in a flooded caldera on Deception Island. Kowalewski, W., et al., [1998,pol]  Folicitic-alkalic transition at subglacial volcanoes, Tuya region, British Columbia, Canada. Moore, J.G., et al., [1995,eng]  Volcanic and tectonic history of Enceladus. Kargel, J.S., et al., [1996,eng]  Volcanic eruption at a New Zealand ski resort prompts reevaluation of hazards. Ruapehu Surveillance Group, [1996,eng]  See [also]: Ice volume  Walls  Design guide for frost-protected shallow foundations. NAHB Research Center, [1994,eng]  Economic expediency of composite insulating bricks for wall structures. Nedavnii, O.I., et al., [1995,rus]  So-372  Energy saving building systems based on advanced hollow core slab technology. Kajava, A., [1984,eng]  Forecasting the thermal regime of thin-walled moored structures under Arctic conditions. Shkola, A.V., et al., [1992,rus]  Marine hydro-engineering and the mechanization of loading operations in ports. Jakovley, P.I., ed., [1992,rus]  Marine hydro-engineering and the mechanization of loading operations in ports. Jakovley, P.I., ed., [1992,rus]  Marine hydro-engineering and the mechanization of loading operations in ports. Jakovley, P.I., ed., [1992,rus]	Roadside temperature displays and use of studless tires. Takagi, H., [193, por)  SNOTAMs: Advisories on airport snow and ice conditions. Hamm, J., [1996,eng]  Studying arctic and subarctic ecosystems of impact regions using remote monitoring methods. 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Roberts, C.A., et al., [1995,eng]  Alternatives for closure of solid oily waste sites on the North Slope of Alaska. Kellems, B.L., et al., [1991,eng]  Alyeska/SERVS technological innovations for oil spill response. Hillman, S.O., [1996,eng]  Arctic radioactive contamination from former Soviet Union sources. Bradley, D.J., [1992,eng]  So-5852  Antarctic journal of the United States, vol.28, no.4 [1993,eng]  So-5855  Arctic radioactive contamination from former Soviet Union sources. Bradley, D.J., [1992,eng]  So-5855  Biological remediation of shoreline oily waste from marine spills. Labrie, P., et al., [1990,eng]
Vitreous ice Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996.eng] 50-5813 Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al. [1996.eng] 50-6651 Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995.eng] 50-1648 Vitrification of articular cartilage by high-pressure freezing. Studer, D., et al. [1995.eng] 50-6589 X-ray and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel, M.C., et al. [1996.eng] 50-65713 See (also): Amorphous ice Volcamic ash 10-century comparison of prominent bipolar volcanic events in ice cores. Langway, C.C., Jr., et al., [1995.eng] 50-583 110,000-yr record of explosive volcanism from the GISP2 (Greenland) ice core. Zielinski, G.A., et al., [1996.eng] 50-4575 Albedo of dirty snow during conditions of melt. Conway, H., et al., [1996.eng] Basic study of pyroclastic flow on a snow-covered slope. Miura. 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Thouret, J.C., et al., [1995,eng]  Geochemistry of volcanic ashes from Greenland Basin. Haase. K.M., et al., [1996,eng]  Geomorphic effects of the retreat of Jamapa Glacier, Pico de Orizaba Volcano (Mexico). Palacios, D., et al. [1996,eng]  50-5578  Impact of subglacial geothermal activity on glacier meltwater quality. Lawler, D.M., et al., [1996,eng]  Late Cenozoic tectonics and the dynamics of the west antarctic ice sheet. Behrendt, J.C., et al., [1994,eng]  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-1884  Products of subglacial volcanic eruptions under different ice thicknesses. Smellie, J.L., et al., [1994,eng]  So-2993  Seismo-acoustic studies in a flooded caldera on Deception Island. Kowalewski, W., et al., [1989,pol]  So-2878  Tholeiitic-alkalic transition at subglacial volcanoes. Tuya region, British Columbia, Canada. Moore, J.G., et al., [1995,eng]  So-3012  Volcanic and tectonic history of Enceladus. 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Vitreous ice Crystallization of ice in glycerol solutions, pt.1. Hey, J.M., et al. [1996,eng] 50-5813 Electron-beam-induced amorphization of ice III or IX obtained by high-pressure freezing. Sartori, N., et al. [1996,eng] 50-6531 Spectroscopic damage to hydrated specimens in vitreous ice. Leapman, R.D., et al. [1995,eng] 50-1648 Vitrification of articular cartilage by high-pressure freezing. Studer, D., et al. [1995,eng] 50-6589 X-ray and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel, M.C., et al. [1996,eng] 50-6589 X-ray and neutron scattering studies of the structure of water at a hydrophobic surface. Bellissent-Funel, M.C., et al. [1996,eng] 50-5713 See [also]: Amorphous ice Volcamic ash 10-century comparison of prominent bipolar volcanic events in ice cores. Langway, C.C., Jr., et al., [1995,eng] 50-583 110,000-yr record of explosive volcanism from the GISP2 (Greenland) ice core. 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A., et al., [1996,eng]  Water vapor saturation at low altitudes around Mars aphelion: a key to Mars climate?. Clancy, R.T., et al., [1996,eng]  Water vapor transfer through a hydrophilic film at subzero temperatures. Osczevski, R.J., [1996,eng]  Water waves  Beach sedimentation on paraglacial coasts. Forbes, D.L., et al., [1995,eng]  Environmental loading studies for the CSA Offshore Structures Code. Allyn, N., et al., [1995,eng]  Environmental loading studies for the CSA Offshore Structures Code. Allyn, N., et al., [1995,eng]  Environmental loading studies for the CSA Offshore Structures Code. Allyn, N., et al., [1995,eng]  Sol-1115  Fine structure at CTD stations of the First Chinese Southern Ocean Expedition. Fang. X.H., et al., [1989,chi]  Marine ecology of the Laguna San Rafael (southern Chile): ice scour and opportunism. Davenport, J., [1995,eng]  Sol-480  Runup and overtopping of impulse waves on dams. Müller, D.R., [1995,ger]  Survey of calving causing flood waves at the Grubengletscher. Haeberli, W., [1975,ger]  See (also): Ocean waves  Waterproofing  Effectiveness of coatings on concrete under freezing and thawing conditions. Sato, T., et al., [1995,eng]  Sol-2669  Evaluation of geocomposite edge drain on sand subgrade. Raymond, G.P., et al., [1996,eng]  Fost	Hydrochemical response of a small catchment to rain on snow. Maclean. R.A., et al. [1995.eng] 50-3125 Hydrochemical response of a small catchment to rain on snow. Maclean. R.A., et al. [1995.eng] 50-6043 Hydrogeochemistry of Fraser River, British Columbia. Cameron. E.M., [1996.eng] 50-5815 Hydrologic pathways in an alpine watershed. Mast. M.A., et al., [1995.eng] 50-2418 Hydrological modelling of watershed snowmelt runoff. Bathurst, J.C., et al., [1996.eng] 50-3728 Hydrological modelling of watershed snowmelt runoff. Bathurst, J.C., et al., [1996.eng] 50-3728 Incorporating airborne data into the spatial model used to estimate snow water equivalent. Carroll, S.S., et al., [1993.eng] 50-5146 Influence of glacial deposits on river basin sedimentation. Campo. S.H., et al., [1994.eng] 50-2997 Isotopic tracing of nitrate sources in snowmelt runoff. Kendall, C., et al., [1995.eng] 50-2426 Lake acidification during mountain snowmelt. Stoddard, J.L., [1995.eng] 50-4076 Leaching of organic carbon and nitrogen from forested catchments. Kortelainen, P., et al., [1994.eng] 50-3221 Logging effects on an aquatic ecosystem on Vancouver Island. Hetherington, E.D., [1996.eng] Nitrate transport in snowmelt in the Green Mountains, northern Vermont. Daly, D.M., [1995.eng] 50-3128 Nitrogen deposition and release in alpine watersheds. Loch Vale. Colorado, USA. Campbell, D.H., et al, [1995.eng] 50-2416 Object-GAWSER: object-oriented Guelph all-weather stormevent runoff model. Phase 1: training manual. Hinckley, J.A., Jr., [1996.eng] 50-4545 Organic carbon variations in stream waters during snowmelt.	Use of sulfur-35 and tritium to study runoff from an alpine glacier, Wind River Range, Wyorning, Michel, R.L., et al. [1995,eng] 50-2437 Variation in snowmelt alimentation of annual river runoff. Bolgov, M.V., et al. [1996,eng] 50-5860 Vegetation and nutrient pools in an arctic watershed. Hahn, S.C., et al. [1996,eng] 50-4843 Watershed hydrochemistry simulation. Ohte, N., et al. [1995,eng] 50-2410  See [also]: River basins Wave propagation Acoustic emissions during ice phase transformations. Sakharov. I.I., [1995,eng] 50-5736 Acoustic response to variations of water and ice characteristics. Gavrilov, A.N., et al. [1995,eng] 50-4579 Acoustic response to variations within the Barents Sea Polar Front. Lynch, J.F., et al. [1996,eng] 50-4679 Acoustics probe sea-ice mechanics. Rajan, S.D., [1996,eng] 50-4679 Algorithm for simulating wave propagation through sea ice. Blackowiak, A.D., et al. [1995,eng] 50-1674 Analysis of spatial reverberation satistics in the central Arctic. LePage, K., et al. [1996,eng] 50-5191 Backscattering through the melting layer of precipitation. Russchenberg, H.W.J., et al. [1996,eng] 50-1599 Behavior of crystals in kimberlite and ice under the action of shock waves. Beloborodov, V.N., et al. [1995,eng] 50-1206 Bistatic scattering of radiowaves by a melting layer of precipitation. Zhang, W., et al. [1996,eng] 50-335 Characteristics of sound reflected from sea ice. Aleksandrov, I.A., et al. [1995,eng] 50-3153
A., et al., [1996,eng]  Water vapor saturation at low altitudes around Mars aphelion: a key to Mars climate?. Clancy, R.T., et al., [1996,eng]  50-5831  Water vapor transfer through a hydrophilic film at subzero temperatures. Osczevski, R.J., [1996,eng]  Water waves  Beach sedimentation on paraglacial coasts. Forbes, D.L., et al., [1995,eng]  Environmental loading studies for the CSA Offshore Structures Code. Allyn, N., et al., [1995,eng]  50-1411  Fine structure at CTD stations of the First Chinese Southern Ocean Expedition. Fang, X.H., et al., [1989,chi]  Marine ecology of the Laguna San Rafael (southern Chie): ice scour and opportunism. Davenport, J., [1995,eng]  Prediction model for complete ice cover formation in partly open water. Sasaki, N., et al., [1996,eng]  Survey of calving causing flood waves at the Grubengletscher. Haeberli, W., [1975,ger]  See [also]: Ocean waves  Waterproofing  Effectiveness of coatings on concrete under freezing and thawing conditions. Sato, T., et al., [1995,eng]  Found, G.P., et al., [1996,eng]  Fine-grained slag sand and fly ash concrete with higher frost resistance and waterproofness. Pavlenko, S.I., et al., [1992,eng]  Foot resistance of surface-coated concrete. Takahashi, J., et al., [1994,jpn]	Hydrochemical response of a small catchment to rain on snow. Maclean. R.A., et al. [1995,eng] 50-3125 Hydrochemical response of a small catchment to rain on snow. Maclean. R.A., et al. [1995,eng] 50-6043 Hydrogeochemistry of Fraser River, British Columbia. Cameron, E.M., [1996,eng] 50-5815 Hydrologic pathways in an alpine watershed. Mast, M.A., et al., [1995,eng] 50-2418 Hydrological modelling of watershed snowmelt runoff. Bathurst, J.C., et al., [1996,eng] 50-3728 Incorporating airborne data into the spatial model used to estimate snow water equivalent. Carroll, S.S., et al., [1993,eng] 50-5146 Influence of glacial deposits on river basin sedimentation. Campo, S.H., et al., [1994,eng] 50-297 Isotopic tracing of nitrate sources in snowmelt runoff. Kendall, C., et al., [1995,eng] 50-2426 Lake acidification during mountain snowmelt. Stoddard, J.L., [1995,eng] 50-4076 Leaching of organic carbon and nitrogen from forested eatchments. Kortelainen, P., et al., [1994,eng] 50-3221 Logging effects on an aquatic ecosystem on Vancouver Island. Hetherington, E.D., [1995,eng] 50-3128 Nitrogen deposition and release in alpine watersheds, Loch Vale, Colorado, USA. Campbell, D.H., et al., [1995,eng] 50-2416 Object-GAWSER: object-oriented Guelph all-weather stormevent runoff model. Phase 1: training manual. Hinckley, J.A., Jr., [1996,eng] 50-2452 Organic carbon variations in stream waters during snowmelt. Boyer, E.W., et al., [1995,eng] 50-2422	Use of sulfur-35 and tritium to study runoff from an alpine glacier, Wind River Range, Wyorning, Michel, R.L., et al. [1995,eng] 50-2437 Variation in snowmelt alimentation of annual river runoff. Bolgov, M.V., et al., [1996,eng] 50-5860 Vegetation and nutrient pools in an arctic watershed. Hahn, S.C., et al., [1996,eng] 50-4843 Watershed hydrochemistry simulation. Ohte, N., et al., [1995,eng] 50-2410 See [also]: River basins Wave propagation Acoustic emissions during ice phase transformations. Sakharov, I.I., [1995,eng] 50-4510 Acoustic ersponse to variations of water and ice characteristics. Gavrilov, A.N., et al., [1995,eng] 50-4590 Acoustic wave perturbations within the Barents Sea Polar Front. Lynch, J.F., et al., [1996,eng] 50-4659 Acoustics probe sea-ice mechanics. Rajan, S.D., [1996,eng] 50-6675 Algorithm for simulating wave propagation through sea ice. Blackowiak, A.D., et al., [1995,eng] 50-1644 Analysis of spatial reverberation statistics in the central Arctic. LePage, K., et al., [1996,eng] 50-1691 Backscattering through the melting layer of precipitation. Russchenberg, H.W.J., et al., [1996,eng] 50-2699 Behavior of crystals in kimberlite and ice under the action of shock waves. Beloborodov, V.N., et al., [1995,eng] 50-1026 Bistatic scattering of radiowaves by a melting layer of precipitation. Zhang, W., et al., [1996,eng] 50-6335 Characteristics of sound reflected from sea ice. Aleksandrov, I.A., et al., [1995,eng] 50-6335 Comment on "Equation of state for extrapolation of high-pres-
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Sasaki, N., et al., [1996,eng]  So-4480  Runup and overtopping of impulse waves on dams. Müller, D.R., [1995,ger]  Survey of calving causing flood waves at the Grubengletscher. Haeberli, W., [1975,ger]  So-858  Survey of calving causing flood waves at the Grubengletscher. Haeberli, W., [1975,ger]  See (also): Ocean waves  Waterproofing  Effectiveness of coatings on concrete under freezing and thaving conditions. Sato, T., et al., [1995,eng]  Fo-2669  Evaluation of geocomposite edge drain on sand subgrade. Raymond. G.P. et al., [1996,eng]  Forst resistance and waterproofness. Pavlenko, S.I., et al., [1992,eng]  Forst resistance of surface-coated concrete. Takahashi, J., et al., [1994,jpn]  Open graded base to reduce thaw weakening in flexible pavements. Kestler, M.A., [1996,eng]  Repair measures for deteriorated abutments and piers due to frost damage. Tsutsumi, Y., et al., [1995,eng]  Forst resistance and reduce thaw weakening in flexible pavements. 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