

INDEX OF AUTHORS

ADALGEIRSDÓTTIR, G	The response of a glacier to a surface disturbance: a case study on Vatnajökull ice cap, Iceland	104
ADAMS, W P	Fritz Müller's legacy on Axel Heiberg Island, Nunavut, Canada	1
AGETA, Y	Mass balance of Xiao Dongkemadi glacier on the central Tibetan Plateau from 1989 to 1995	159
ALBERT, M R	Seasonal differences in surface energy exchange and accumulation at Summit, Greenland	387
ALBERT, M R	Snow and firn permeability at Siple Dome, Antarctica	353
ALBRECHT, O	Modelling glacier response to measured mass-balance forcing	91
ALLEN, M	Intercomparison of satellite-derived snow-cover maps	369
AMADEI, B	In situ stress tensor measured in an Alaskan glacier	229
ANDREASSEN, L M	Modelling of historic variations and future scenarios of the mass balance of Svartisen ice cap, northern Norway	97
ANSORGE, J	Evidence for deep icequakes in an Alpine glacier	85
ARNOLD, N S	Modelling seasonal and spatial variations in the surface energy balance of Haut Glacier d'Arolla, Switzerland	53
ASCHWANDEN, A	Evidence for deep icequakes in an Alpine glacier	85
AUER, I	Climate variability and glacier reaction in the Austrian eastern Alps	31
BAILEY, D A	Antarctic regional modelling of atmospheric, sea-ice, and oceanic processes and validation with observations	348
BAILEY, D A	Sea-ice model validation using submarine measurements of ice draft	307
BAKER, I	Dynamic observations of dislocation/grain-boundary interactions in ice	236
BAMBER, J L	Ice flow in the northeast Greenland ice stream	141
BARRY, R G	Glacier monitoring within the Global Climate Observing System	241
BARTELT, P	A snowdrift index based on SNOWPACK model calculations	382
BARTELT, P	Influences of avalanche-defence snow-supporting structures on ground temperature in Alpine permafrost terrain	422
BARTELT, P	Triaxial tests to determine a microstructure-based snow viscosity law	457
BASSI, A	High-resolution measurements of spatial and temporal variations in surface velocities of Unteraargletscher, Bernese Alps, Switzerland	63
BAUDER, A	High-resolution measurements of spatial and temporal variations in surface velocities of Unteraargletscher, Bernese Alps, Switzerland	63
BAUMHAUER, R	Comparison of spatial modelling and field evidence of glacier/permafrost relations in an Alpine permafrost environment	269
BAUNACH, T	Quantifying grain-shape changes in snow subjected to large temperature gradients	439
BERNARDI, F	Evidence for deep icequakes in an Alpine glacier	85
BINDSCHADLER, R A	Tributaries to West Antarctic ice streams: characteristics deduced from numerical modelling of ice flow	184

BISHOP, M P	Remote-sensing science and technology for studying glacier processes in high Asia	164
BJÖRNSSON, H	The response of a glacier to a surface disturbance: a case study on Vatnajökull ice cap, Iceland	104
BLATTER, H	Modelling glacier response to measured mass-balance forcing	91
BLATTER, H	Tidewater glaciers: frontal flow acceleration and basal sliding	217
BÖHM, R	Climate variability and glacier reaction in the Austrian eastern Alps	31
BRAUN, L N	Consequences of climate change for runoff from Alpine regions	19
BRAUN, M	Characteristics of summer energy balance on the west coast of the Antarctic Peninsula	179
BRAUN, M	Development of radar glacier zones on the King George Island ice cap, Antarctica, during austral summer 1996/97 as observed in ERS-2 SAR data	357
BROCK, B W	Modelling seasonal and spatial variations in the surface energy balance of Haut Glacier d'Arolla, Switzerland	53
BUDD, W F	Derivation of ice thickness and bedrock topography in data-gap regions over Antarctica	191
BUGNION, V	Reducing the uncertainty in the contribution of Greenland to sea-level rise in the 20th and 21st centuries	121
CALANCA, P	Gridded temperature and accumulation distributions for Greenland for use in cryospheric models	118
CARRIERES, T	Operational ice-model verification at the Canadian Ice Service	333
CAVES, R G	Verification of simulated snow cover in an Arctic basin using satellite-derived snow-cover maps	391
CHANG, A T C	Intercomparison of satellite-derived snow-cover maps	369
CHAPMAN, W L	Sea-ice model validation using submarine measurements of ice draft	307
CHRISTEN, M	Influences of avalanche-defence snow-supporting structures on ground temperature in Alpine permafrost terrain	422
CHRISTENSEN, E L	Tidal movement of Nioghalvfjærdsfjorden glacier, northeast Greenland: observations and modelling	111
CIHLAR, J	Glacier monitoring within the Global Climate Observing System	241
CLARKE, G K C	An integrated modelling approach to understanding subglacial hydraulic release events	222
CULLEN, D	Dynamic observations of dislocation/grain-boundary interactions in ice	236
DAVIES, M C R	Geotechnical centrifuge modelling of gelifluction processes: validation of a new approach to periglacial slope studies	263
DAVIES, M C R	Laboratory measurement of the shear strength of ice-filled rock joints	463
DEICHMANN, N	Evidence for deep icequakes in an Alpine glacier	85
DOAKE, C S M	Interferometric analysis of the deformation pattern of the northern Larsen Ice Shelf, Antarctic Peninsula, compared to field measurements and numerical modeling	205
DOORSCHOT, J	A snowdrift index based on SNOWPACK model calculations	382
DUDLEY, M	Dynamic observations of dislocation/grain-boundary interactions in ice	236
EKHOLM, S	Gridded temperature and accumulation distributions for Greenland for use in cryospheric models	118
ELVEHØY, H	Modelling of historic variations and future scenarios of the mass balance of Svartisen ice cap, northern Norway	97

ENGESET, R V	Modelling of historic variations and future scenarios of the mass balance of Svartisen ice cap, northern Norway	97
ETZELMÜLLER, B	Runoff and drainage pattern derived from digital elevation models, Finsterwalderbreen, Svalbard	147
FAHNESTOCK, M A	Ice flow in the northeast Greenland ice stream	141
FERGUSON, R I	Verification of simulated snow cover in an Arctic basin using satellite-derived snow-cover maps	391
FIERZ, C	Quantifying grain-shape changes in snow subjected to large temperature gradients	439
FIERZ, C	Simulation of microwave emission from physically modeled snowpacks	397
FISCHER, U H	High-resolution measurements of spatial and temporal variations in surface velocities of Unteraargletscher, Bernese Alps, Switzerland	63
FLATO, G M	Data assimilation in sea-ice monitoring	327
FLOWERS, G E	An integrated modelling approach to understanding subglacial hydraulic release events	222
FOSTER, J L	Intercomparison of satellite-derived snow-cover maps	369
FRAUENFELDER, R	Towards a palaeoclimatic model of rock-glacier formation in the Swiss Alps	281
FROLOV, A D	Model of structure and mechanical properties of dry granular snow	434
FROLOV, A D	On the physical model of frozen soil	411
FUJITA, K	Mass balance of Xiao Dongkemadi glacier on the central Tibetan Plateau from 1989 to 1995	159
FUKAZAWA, H	Raman scattering and neutron-diffraction studies of fresh ice and Antarctic ice	247
FUNK, M	Dating of ice cores from a high Alpine glacier with a flow model for cold firn	69
FUNK, M	High-resolution measurements of spatial and temporal variations in surface velocities of Unteraargletscher, Bernese Alps, Switzerland	63
FUNK, M	Tidewater glaciers: frontal flow acceleration and basal sliding	217
GERLAND, S	Attenuation of solar radiation in Arctic snow: field observations and modelling	364
GILGEN, H	Gridded temperature and accumulation distributions for Greenland for use in cryospheric models	118
GIOVINETTO, M B	Spatial distribution of net surface accumulation on the Antarctic ice sheet	171
GIOVINETTO, M B	Spatial distribution of net surface mass balance on Greenland	126
GOLUBEV, V N	Model of structure and mechanical properties of dry granular snow	434
GOßMANN, H	Development of radar glacier zones on the King George Island ice cap, Antarctica, during austral summer 1996/97 as observed in ERS-2 SAR data	357
GUBLER, H	Ground surface-temperature reconstruction based on data from a deep borehole in permafrost at Janssonhaugen, Svalbard	287
GUDMUNDSSON, G H	Evidence for deep icequakes in an Alpine glacier	85
GUDMUNDSSON, G H	High-resolution measurements of spatial and temporal variations in surface velocities of Unteraargletscher, Bernese Alps, Switzerland	63
GUDMUNDSSON, G H	The response of a glacier to a surface disturbance: a case study on Vatnajökull ice cap, Iceland	104
GUSEVA-LOZINSKI, E	Modelling thermomechanical properties of the snowpack	451
GUSEVA-LOZINSKI, E	The mathematical modelling of salinity changes in ice and frozen soil as a result of thermal variations	295

HAAKENSEN, N	Modelling of historic variations and future scenarios of the mass balance of Svartisen ice cap, northern Norway	97
HAEBERLI, W	Comparison of spatial modelling and field evidence of glacier/permafrost relations in an Alpine permafrost environment	269
HAEBERLI, W	First results and interpretation of energy-flux measurements over Alpine permafrost	275
HAEBERLI, W	Glacier monitoring within the Global Climate Observing System	241
HAGEN, J O	Runoff and drainage pattern derived from digital elevation models, Finsterwalderbreen, Svalbard	147
HALL, D K	Intercomparison of satellite-derived snow-cover maps	369
HAMZA, O	Laboratory measurement of the shear strength of ice-filled rock joints	463
HARPER, J	In situ stress tensor measured in an Alaskan glacier	229
HARRIS, C	Geotechnical centrifuge modelling of gelifluction processes: validation of a new approach to periglacial slope studies	263
HARRIS, C	Laboratory measurement of the shear strength of ice-filled rock joints	463
HAUCK, C	Verification of geophysical models in Alpine permafrost using borehole information	300
HAWLEY, R L	Seasonal differences in surface energy exchange and accumulation at Summit, Greenland	387
HEINRICHS, J	Data assimilation in sea-ice monitoring	327
HOELZLE, M	First results and interpretation of energy-flux measurements over Alpine permafrost	275
HONDOH, T	Spatial distribution of air molecules within individual clathrate hydrates in polar ice sheets	252
HOU SHUGUI	Evidence for recent climate change from ice cores in the central Himalaya	153
HU, X	Dynamic observations of dislocation/grain-boundary interactions in ice	236
HUBBARD, B	Preliminary investigations of centrifuge modelling of polycrystalline-ice deformation	257
HULBE, C L	Tributaries to West Antarctic ice streams: characteristics deduced from numerical modelling of ice flow	184
HUMPHREY, N F	In situ stress tensor measured in an Alaskan glacier	229
HUYBRECHTS, P	The treatment of meltwater retardation in mass-balance parameterizations of the Greenland ice sheet	133
IKEDA, S	Raman scattering and neutron-diffraction studies of fresh ice and Antarctic ice	247
IKEDA, T	Spatial distribution of air molecules within individual clathrate hydrates in polar ice sheets	252
IRVING, D H B	Preliminary investigations of centrifuge modelling of polycrystalline-ice deformation	257
ISAKSEN, K	Ground surface-temperature reconstruction based on data from a deep borehole in permafrost at Janssonhaugen, Svalbard	287
IVANOV, B V	Attenuation of solar radiation in Arctic snow: field observations and modelling	364
JANSSENS, I	The treatment of meltwater retardation in mass-balance parameterizations of the Greenland ice sheet	133
JANSSON, P	Modelling glacier response to measured mass-balance forcing	91
JEFFRIES, M O	Modeling interdecadal variations of lake-ice thickness and sensitivity to climatic change in northernmost Alaska	339

JIA, K	Dynamic observations of dislocation/grain-boundary interactions in ice	236
JIN ZHEFAN	Evidence for recent climate change from ice cores in the central Himalaya	153
JOHANSSON, B	Verification of simulated snow cover in an Arctic basin using satellite-derived snow-cover maps	391
JOUGHIN, I R	Ice flow in the northeast Greenland ice stream	141
JOUGHIN, I R	Tributaries to West Antarctic ice streams: characteristics deduced from numerical modelling of ice flow	184
KÄÄB, A	Photogrammetric reconstruction of glacier mass balance using a kinematic ice-flow model: a 20 year time series on Grubengletscher, Swiss Alps	45
KÄÄB, A	Towards a palaeoclimatic model of rock-glacier formation in the Swiss Alps	281
KANG JIANCHENG	Primary results of glaciological studies along an 1100 km transect from Zhongshan station to Dome A, East Antarctic ice sheet	198
KANG SHICHANG	Evidence for recent climate change from ice cores in the central Himalaya	153
KARGEL, J S	Remote-sensing science and technology for studying glacier processes in high Asia	164
KASER, G	Alpine Younger Dryas glaciers as palaeo-precipitation gauges	80
KATTELMANN, R	Snowmelt lysimeters in the evaluation of snowmelt models	406
KERSCHNER, H	Alpine Younger Dryas glaciers as palaeo-precipitation gauges	80
KIEFFER, H H	Remote-sensing science and technology for studying glacier processes in high Asia	164
KJØLLMOEN, B	Modelling of historic variations and future scenarios of the mass balance of Svartisen ice cap, northern Norway	97
KNEISEL, C	Comparison of spatial modelling and field evidence of glacier/permafrost relations in an Alpine permafrost environment	269
KOHL, T	Ground surface-temperature reconstruction based on data from a deep borehole in permafrost at Janssonhaugen, Svalbard	287
KUHN, M	Verification of a hydrometeorological model of glacierized basins	15
LEHMANN, F	Verification of geophysical models in Alpine permafrost using borehole information	300
LEHNING, M	A snowdrift index based on SNOWPACK model calculations	382
LI YUANSHENG	Primary results of glaciological studies along an 1100 km transect from Zhongshan station to Dome A, East Antarctic ice sheet	198
LI ZHONGQIN	Primary results of glaciological studies along an 1100 km transect from Zhongshan station to Dome A, East Antarctic ice sheet	198
LIPENKOV, V YA	Spatial distribution of air molecules within individual clathrate hydrates in polar ice sheets	252
LISTON, G E	Attenuation of solar radiation in Arctic snow: field observations and modelling	364
LIU, F	Dynamic observations of dislocation/grain-boundary interactions in ice	236
LUMSDEN, B W	Laboratory measurement of the shear strength of ice-filled rock joints	463
LÜTHI, M	Dating of ice cores from a high Alpine glacier with a flow model for cold firn	69
LYNCH, A H	Antarctic regional modelling of atmospheric, sea-ice, and oceanic processes and validation with observations	348
LYNCH, A H	Sea-ice model validation using submarine measurements of ice draft	307
MACKINNON, D J	Remote-sensing science and technology for studying glacier processes in high Asia	164

MAE, S	Raman scattering and neutron-diffraction studies of fresh ice and Antarctic ice	247
MAE, S	Spatial distribution of air molecules within individual clathrate hydrates in polar ice sheets	252
MASLANIK, J A	Data assimilation in sea-ice monitoring	327
MÄTZLER, C	Simulation of microwave emission from physically modeled snowpacks	397
MAYER, C	Tidal movement of Nioghalvfjærdsfjorden glacier, northeast Greenland: observations and modelling	111
MAYEWSKI, PA	Evidence for recent climate change from ice cores in the central Himalaya	153
McCLUNG, DM	Predictions in avalanche forecasting	377
MCKINLEY, J	Preliminary investigations of centrifuge modelling of polycrystalline-ice deformation	257
MI DESHENG	Evidence for recent climate change from ice cores in the central Himalaya	153
MITTAZ, C	First results and interpretation of energy-flux measurements over Alpine permafrost	275
MORITZ, R E	Geometry and the deformation of pack ice: I. A simple kinematic model	313
MORITZ, R E	Geometry and the deformation of pack ice: II. Simulation with a random isotropic model and implication in sea-ice rheology	323
MORSE, DL	Tributaries to West Antarctic ice streams: characteristics deduced from numerical modelling of ice flow	184
NUTTALL, A-M	Runoff and drainage pattern derived from digital elevation models, Finsterwalderbreen, Svalbard	147
OERLEMANS, J	Holocene glacier fluctuations: is the current rate of retreat exceptional?	39
OHMURA, A	Climate on tundra and thoughts on causes of regional climate differences	10
OHMURA, A	Gridded temperature and accumulation distributions for Greenland for use in cryospheric models	118
OLESEN, O B	Tidal movement of Nioghalvfjærdsfjorden glacier, northeast Greenland: observations and modelling	111
ØRBÆK, J B	Attenuation of solar radiation in Arctic snow: field observations and modelling	364
OSOKIN, N I	Model of the influence of snow cover on soil freezing	417
PATTYN, F	Ice-sheet modelling at different spatial resolutions: focus on the grounding zone	211
PERRON, F E, Jr	Snow and firn permeability at Siple Dome, Antarctica	353
PFEFFER, W T	In situ stress tensor measured in an Alaskan glacier	229
PHILLIPS, M	Influences of avalanche-defence snow-supporting structures on ground temperature in Alpine permafrost terrain	422
PU JIANCHEN	Mass balance of Xiao Dongkemadi glacier on the central Tibetan Plateau from 1989 to 1995	159
QIN DAHE	Evidence for recent climate change from ice cores in the central Himalaya	153
QIN DAHE	Primary results of glaciological studies along an 1100 km transect from Zhongshan station to Dome A, East Antarctic ice sheet	198
RACK, W	Interferometric analysis of the deformation pattern of the northern Larsen Ice Shelf, Antarctic Peninsula, compared to field measurements and numerical modeling	205
RAU, F	Development of radar glacier zones on the King George Island ice cap, Antarctica, during austral summer 1996/97 as observed in ERS-2 SAR data	357
RAUP, B H	Remote-sensing science and technology for studying glacier processes in high Asia	164