

# WGMS book library as of January 2020

## References

- 4th International NCCR Climate Summer School, Grindelwald, Swiss Alps (Ed.) (2005), *From the Holocene to the Anthropocene: Climate of the Last 1000 years.*, Swiss National Science Foundation, NFS/NCCR Climate.
- Abegg, B. (1996), *Klimaänderung und Tourismus – Klimafolgenforschung am Beispiel des Wintertourismus in den Schweizer Alpen*, vdf Hochschulverlag an der ETH Zürich, Zürich.
- Ad Hoc Committee on the Relationship between Land Ice and Sea Level (Ed.) (1985), *Glaciers, ice-sheets, and sea level: Effect of a CO<sub>2</sub>-induced climatic change*, 330 pp., U.S. Department of Energy.
- Adam, C., W. Glä, and B. Hölting (2000), *Hydrologisches Wörterbuch*, Enke im Georg Thieme Verlag, Stuttgart, pp. 311.
- Akademie der Wissenschaften Schweiz (Ed.) (2007), *Denk-Schrift Energie - Energie effizient nutzen und wandeln. Beitrag zur nachhaltigen Entwicklung in der Schweiz*, 50 pp., Akademie der Wissenschaften Schweiz.
- Akademien der Wissenschaften Schweiz (2016), *Brennpunkt Klima Schweiz. Grundlagen, Folgen und Perspektiven*, vol. 11 (5), 216 pp., Swiss Academies Reports.
- Alean, J. (2006), *Schweizer Gletscher. Gefährdete Naturwunder*, Mondo-Verlag, Vevey, pp. 107.
- Alean, J. (2010), *Gletscher der Alpen*, 267 pp., Haupt, Bern, Stuttgart, Wien.
- Alean, J., and M. Hambrey (2013), *Gletscher der Welt*, Haupt, Bern.
- AMAP (2009), *Climate change and the cryosphere; snow, water, ice and permafrost in the Arctic*, 10 pp., Arctic Monitoring and Assessment Programme.
- Ambach, W. (1977a), *Untersuchungen zum Energieumsatz in der Akkumulationszone des grönländischen Inlandeises 1957–1960: Nachtrag*, vol. 4, Expédition glaciologique internationale au Groenland, reprint of Meddelelser om Grønland, Vol 187, No 5.
- Ambach, W. (1977b), *Untersuchungen zum Energieumsatz in der Akkumulationszone des grönländischen Inlandeises 1957–1960*, vol. 4, Expédition glaciologique internationale au Groenland, reprint of Meddelelser om Grønland, Vol 187, No 7.
- Ames, A., S. Dolores, A. Valverde, P. Evangelista, D. Javier, W. Gavnnini, and V. Gomez (1989), *Glacier inventory of Peru*, 105 pp., Hidrandina S.A.
- Ammann, W., O. Buser, and U. Vollenwyder (1997), *Lawinen*, Birkhäuser Verlag, Basel, pp. 170.
- Andersson, G., J. Nötzli, and M. Zemp (2000), *Casinobau im Zürcher Oberland. Potentielle Standorte und Einzugsgebiete*, Universität Zürich, Ausgewählte Algorithmen der Raumanalyse.
- Andreasen, J. O. (1983), *Measurements of glacier velocity variations at Qamanârssûp sermia and at Kitdlerssuaq Glacier, West Greenland*, vol. 83, 10, Gletscher-hydrologiske meddelelser, Grønlands geologiske undersøgelser.

- Andreasen, J.-O., N. T. Knudsen, and J. T. Møller (1982a), *Glaciological investigations at Qamanârssûp Sermia: field report 1980*, na.
- Andreasen, J. O., N. T. Knudsen, and J. T. Møller (1982b), *Glaciological investigations at Qamanârssûp sermia. Field report 1980*, vol. 82, 4, Gletscher-hydrologiske meddelelser, The Geological Survey of Greenland.
- Andreassen, L. M., and S. H. Winsvold (Eds.) (2012), *Inventory of Norwegian glaciers*, Norwegian Water Resources and Energy Directorate.
- Andreassen, L. M., H. Elvehøy, and M. Jackson (2018), *Glaciological investigations in Norway in 2017*, NVE.
- Andrews, R. (1964), *Axel Heiberg Islands research Reports: Meteorology and heat balance of the ablation area, White Glacier, Canadian Arctic Archipelago – Summer 1960kk*, McGill University, Montreal.
- Armstrong, T., B. Roberts, and C. Swithibank (1973), *Illustrated glossary of snow and ice*, 59 pp., The Scott Polar Research Institute, Cambridge.
- (ASG), V. G. S. (Ed.) (2015), *Klimawandel im Unterricht*, GeoAgenda 22(5), Neuchâtel, 32 pp.
- Auer, I., R. Böhm, N. Hammer, W. Schöner, T. Wiesinger, and W. Winiwarter (1995), *Glaziologische Untersuchungen im Sonnblickgebiet: Forschungsprogramm Wurtenkees*, 143 pp., Zentralanstalt für Meteorologie und Geodynamik, Wien.
- Bachmann, R. (Ed.) (1978), *Gletscher der Alpen*, Hallwag Verlag, Bern, pp. 304.
- Bachmann, R. (1983), *Gletscher der Schweiz*, Silva-Verlag, Zürich, pp. 195.
- Bader, S., and P. Kunz (1998), *Klimarisiken- Herausforderungen für die Schweiz*, vdf Hochschulverlag an der ETH, Zürich, pp. 307.
- BAFU (Ed.) (2007), *Klimaänderung in der Schweiz: Indikatoren zu Ursachen, Auswirkungen, Massnahmen*, 77 pp., Bundesamt für Umwelt BAFU, Bern, 77 pp.
- BAFU (2012), *Auswirkungen der Klimaänderung auf Wasserressourcen und Gewässer. Synthesebericht zum Projekt "Klimaänderung und Hydrologie in der Schweiz"*, Bundesamt für Umwelt (BAFU), Bern, 76 pp.
- Baird, P. D., H. Röthlisberger, J. Marmet, and F. H. Schwarzenbach (1953), *Die Baffin-Inland-Expedition 1953, Tech. rep.*, Schweizerische Stiftung für Alpine Forschungen, Zürich.
- Bajracharya, S. R., and B. Shrestha (Eds.) (2011), *The status of glaciers in the Hindu Kush-Himalayan region*, 127 pp., ICIMOD, Kathmandu.
- Barrueto, A. (2010), *Internship report*, WGMS, University of Zurich.
- Barry, R., and T. Y. Gan (2011), *The global cryosphere: past, present and future*, 472 pp., Cambridge University Press, New York.
- Bauder, A. (Ed.) (2018), *The Swiss Glaciers 2015/16 and 2016/17: Glaciological Report No. 137/138*, Cryospheric Commission (EKK) of the Swiss Academy of Sciences (SCNAT) Laboratory of Hydraulics, Hydrology and Glaciology (VAW), Swiss Federal Institute of Technology Zurich (ETH Zurich).

- Baumann, S. (2006), *Aufbau eines Gletscherinventars für Kolumbien und Abschätzung glaziologischer Parameter*, TU München, Physische Geographie der Universität Zürich, WGMS, master thesis.
- Baynon, W. J. G. (Ed.) (1987), *Guide to the World Data Center System: Part 1 - The World data Centers*, preliminary ed., ICSU Panel on World Data Centres.
- Beckel, L. (Ed.) (2017), *School Atlas: Geography from Space*, Geospace Verlag, Salzburg, Austria.
- Beckel, L., and E. S. Agency (2008), *School Atlas: Geography from Space*, Geospace Int. Verlag.
- Benedetti, S. (1998), *Sentier Balcon du Mont-Blanc*, Commune de Finhaut, Finhaut, 64 pp.
- Bennett, M. R., and N. F. Glasser (1996), *Glacial Geology – Ice Sheets and Landforms*, John Wiley and Sons, Chichester.
- Benz, C. (1995), *Die Gletscher des Unterwallis – Hochstand 1850, Ausdehnung heute, Schwund-szenarien*, Geographisches Institut Universität Zürich, Zürich, 181 pp.
- Benz, C. (2003), *Der Würmeiszeitliche Rheingletscher-Maximalstand: Digitale Rekonstruktion, Modellierung und Analyse mit einem Geographischen Informationssystem.*, vol. 43, Institut für Geographie der Universität Zürich.
- Berthier, E. (2005), *Dynamique et bilan de masse des glaciers de montagne (Alpes, Islande, Himalaya): Contribution de l'imagerie satellitaire*, 250 pp., (PhD thesis). Laboratoire d'Études Géophysique et d'Océanographie Spatiale, Observatoire Midi Pyrénées Toulouse.
- Bertone, M. (1960), *Inventario de los glaciares existentes en la vertiente Argentina entre los paralelos*, 103 pp., Instituto Nacional del Hielo Continental Patagónico, Buenos Aires.
- Bertone, M. (1972), *Aspectos glaciológicos de la zona del hielo continental Patagónico*, 1st ed., 128 pp., Contribución del Instituto Nacional del Hielo Continental Patagónico, Buenos Aires.
- Bertone, M. (1997), *Aspectos glaciológicos de la zona del hielo continental Patagonico*, 2nd ed., 121 pp., Contribución del Instituto Nacional del Hielo Continental Patagónico, Buenos Aires.
- Bezinge, A., and P. Kasser (1980), *Gletscher und Kraftwerke*, pp. 166–180.
- Bidlake, W. R., E. G. Josberger, and M. E. Savoca (2007), *Water, ice, and meteorological measurements at South Cascade glacier, Washington, balance years 2004 and 2005*, 70 pp., U.S. Geological Survey, Reston, Virginia, series of scientific reports available back to 1986-1991 balance years with interruption at balance year 2002.
- Bieri, D., W. Brunold, W. Haeberli, F. Lohri, I. Meister, F. Paul, H. Wäspi, A. Wipf, and V. Wirz (2012), *Steingletscher – Exkursionsführer*, Geographisches Institut der Universität Zürich, Zürich, 38 pp.
- Blagovechshenskiy, V. P. (2014), *Peaks and Glaciers of Ile Alatau*, Institute of Geography, Kazakhstan National Geographic Society.
- Bloetzer, W., T. Egli, A. Petrascheck, J. Sauter, and M. Stoffel (1998), *Klimaänderung und Naturgefahren in der Raumplanung*, vdf Hochschulverlag der ETH, Zürich, pp. 200.
- Blöschl, G., H. Thybo, and H. Savenije (Eds.) (2015), *A Voyage through Scales: The Earth System in Space and Time*, European Geosciences Union.

- Bodin, A. (1992-1993), *Annual Report 1990-1991 and 1991-1992 Tarfala Research Station*, 48 pp., University of Stockholm, Stockholm.
- Böhm, R., I. Auer, and W. Schöner (2007), *Gletscher im Klimawandel: Vom Eis der Polargebiete zum Goldbergkees in den Hohen Tauern*, 111 pp., Zentralanstalt für Meteorologie und Geodynamik, Wien.
- Böhm, R., I. Auer, and W. Schöner (2011), *Labor über den Wolken - Die Geschichte des Sonnblick-Observatoriums*, 349 pp., Böhlau Verlag, Köln.
- Bonardi, L. (Ed.) (2008), *Mountain glaciers and climate changes in the last century*, Servizio Glaciologico Lombardo, Milano, 239 pp.
- Bonardi, L., E. Rovelli, R. Scotti, A. Toffaletti, M. Urso, and F. Villa (2012), *I ghiacciai della Lombardia. Evoluzione e attualità*, 328 pp., Ulrico Hoepli, Milan.
- Bossard, T. (2014), *Evaluation of swissALTI(3D) with airborne laser scanning data for applications in glaciology*, Master Thesis. Department of Geography, University of Zurich.
- Bouscary, C. (2015), *Glaciers study at WGMS*, internship report. WGMS, University of Zurich.
- Boyarskiy, I. Y. (Ed.) (1978), *Lednik djankuat*, 184 pp., Gidrometeorologicheskoye Izdatel'stvo.
- Boyé, M. (1950), *Expéditions polaires françaises Glaciare et périglaciaire de l'ata sund nord-oriental Groenland*, Actualités scientifiques et industrielles 1111.
- Braithwaite, R. J. (1983a), *Comparisons between automatic and manual climate stations at Qamanârssûp sermia*, vol. 83, 5, Gletscher-hydrologiske meddelelser, Grønlands geologiske undersøgelse.
- Braithwaite, R. J. (1983b), *Glaciological investigations at Qamanârssûp sermia. Interim report 1982 and Appendix tables*, vol. 83, 4, Gletscher-hydrologiske meddelelser, The Geological Survey of Greenland.
- Braithwaite, R. J. (1985a), *Glaciological Investigations at Qamanârssûp sermia, West Greenland, 1983-1984*, vol. 83, 3, Gletscher-hydrologiske meddelelser, Grønlands geologiske undersøgelse.
- Braithwaite, R. J. (1985b), *Relations between annual runoff and climate, Johan Dahl Land, South Greenland*, vol. 85, 2, Gletscher-hydrologiske meddelelser, The Geological Survey of Greenland.
- Braithwaite, R. J., and O. O. B. (1982), *Glaciological investigations at Qamanârssûp sermia. Field report 1979-1981 and Appendix tables*, vol. 82, 2, Gletscher-hydrologiske meddelelser, The Geological Survey of Greenland.
- Braithwaite, R. J., and O. B. Olesen (1985), *Glaciers and hydropower potential of Johan Dahl Land, South Greenland*, vol. 85, 5, Gletscher-Hydrologiske Meddelelser, Grønlands Glaciologiske undersøgelse, prepared for POAC meeting, Narssarsuaq, 1985.
- Braithwaite, R. J., and H. H. Thomsen (1984a), *Runoff conditions at Paakitsup Akuliarusersua Jakobshavn estimated by modelling*, vol. 84, 3, Gletscher-Hydrologiske Meddelelser, Grønlands Glaciologiske undersøgelse.
- Braithwaite, R. J., and H. H. Thomsen (1984b), *Runoff conditions at Kuussuup tasia Christianshab estimated by modelling*, vol. 84, 2, Gletscher-Hydrologiske Meddelelser, Grønlands Glaciologiske undersøgelse.

- Brendler, F. (2017), *WGMS Internship report*, WGMS, University of Zurich.
- Brennan, A. M. (Ed.) (1981), *Glaciology in China*, 68 pp., World data center for glaciology [Snow and ice].
- Brianza, M., R. Heilbronner, P. Baumgartner, and J. Meyer (Eds.) (1978), *Bulletin Vereinigung Basler Geologiestudenten*, Erdwissenschaftliche Institute Bernoullianum.
- Bundesamt für Landestopografie (2006), *Neue Koordinaten für die Schweiz. Der Bezugsrahmen LV95*, 16 pp., swisstopo, Wabern.
- Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit (Ed.) (2007), *Klimawandel in den Alpen; Fakten - Folgen - Anpassung*, 91 pp., BMU.
- Burga, C. A., R. Perret, S. Gehrig, and H. Vogel (1997), *Geoökologische und klimamorphologische Untersuchungen im Alpenraum*, vdf Hochschulverlag der ETH Zürich, Zürich, 57 pp.
- Busarello, C., I. Kunz, and M. Zemp (1998/99), *Auswirkungen einer Klimaänderung auf Gletscher, alpine Schneedecke und Lawinen*, ETH Zürich, Vorlesung zu Naturgefahren I, Schnee und Lawinenkunde.
- BUWAL (Ed.) (1997), *Klima in Gefahr: Fakten und Perspektiven zum Treibhauseffekt*, 44 pp., Bundesamt für Umwelt, Wald und Landschaft (BUWAL).
- Cantone Ticino, Dipartimento del Territorio (Ed.) (2006), *La misurazione dei ghiacciai in Ticino*.
- Carlen, M. W. (2003), *Der Rhonegletscher und seine Eisgrotte*, Touristische Betriebe am Rhonegletscher, Belvedere, 59 pp.
- Carr, R. (2005), *Work experience*, WGMS, University of Zurich, internship report.
- Centre national d'études spatiales (2000), *Rapport d'activité 2000*, 79 pp., CNES.
- CEOS, ESA (Ed.) (2008), *Climate change special edition 2008 - The Earth observation handbook*, 265 pp., ESA.
- China University of Geosciences (2011), *Journal of Earth Science Vol. 22 (4)*, 421-548 pp., Springer.
- Chinn, T. J. (1991), *Glacier inventory of New Zealand*, Department of scientific and industrial research, Geology and geophysics, Christchurch.
- Church, J. A., P. L. Woodworth, T. Aarup, and W. S. Wilson (2010), *Understanding sea-level rise and variability*, 428 pp., Wiley-Blackwell, Chichester.
- Clement, P. (1981), *Glaciologiske undersøgelser i johan Dahl Land 1980*, *Gletscher-Hydrologiske Meddelelser*, Grønlands Geologiske Undersøgelse.
- Clement, P. (1982), *Glaciologi på narssaq bræ Massebalancen 1981 og 1982*, *Gletscher-Hydrologiske Meddelelser*, vol. 82, 5, Grønlands Geologiske Undersøgelse.
- Clement, P. (1983a), *Glacial-Hydrologiske forhold i nordbosø bassinet, Johan Dahl Land*, *Gletscher-Hydrologiske Meddelelser*, vol. 83, 9, Grønlands Geologiske Undersøgelse.
- Clement, P. (1983b), *Glaciologiske undersøgelser: I johan Dahl Land 1982*, *Gletscher-Hydrologiske Meddelelser*, vol. 83, 1, Grønlands Geologiske Undersøgelse.

- Club Alpino Italiano (Ed.) (1991), *Il Bollettino n. 92. Annuario Del Comitato Scientifico centrale*, 114 pp., Club Alpino Italiano.
- Cogley, J. G. (Ed.) (2018a), *Journal of Glaciology volume 64 No 243*, International Glaciological Society, Cambridge, UK.
- Cogley, J. G. (Ed.) (2018b), *Journal of Glaciology volume 64 No 244*, International Glaciological Society, Cambridge, UK.
- Cogley, J. G. (Ed.) (2018c), *Journal of Glaciology volume 64 No 248*, International Glaciological Society, Cambridge, UK.
- Cogley, J. G. (Ed.) (2018d), *Journal of Glaciology volume 64 No 247*, International Glaciological Society, Cambridge, UK.
- Cogley, J. G. (Ed.) (2018e), *Journal of Glaciology volume 64 No 246*, International Glaciological Society, Cambridge, UK.
- Cogley, J. G. (Ed.) (2018f), *Journal of Glaciology volume 64 No 245*, International Glaciological Society, Cambridge, UK.
- Cogley, J. G., W. P. Adams, M. A. Ecclestone, F. Jung-Rothenhäuser, and C. S. L. Ommanney (1995), *Mass balance of Axel Heiberg island glaciers 1960-1991: A reassessment and discussion*, 168 pp., National Hydrology Research Institute NHRI.
- Cogley, J. G., et al. (2011), *Glossary of glacier mass balance and related terms*, 114 pp., UNESCO / IACS / IHP, Paris.
- Cogley, J. G. and Jacka, T.H. (Ed.) (2019a), *Journal of Glaciology volume 65 No 251*, International Glaciological Society, Cambridge, UK.
- Cogley, J. G. and Jacka, T.H. (Ed.) (2019b), *Journal of Glaciology volume 65 No 254*, International Glaciological Society, Cambridge, UK.
- Comitato Glaciologico Italiano (Ed.) (1951), *Anno 1951 Bollettino del Comitato Glaciologico Italiano, II*, vol. 2, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1952), *Anno 1952 Bollettino del Comitato Glaciologico Italiano, II*, vol. 3, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1956), *Anno 1956 Bollettino del Comitato Glaciologico Italiano, II, parte prima*, vol. 7, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1959), *Catasto dei Ghiacciai Italiani – Anno Geofisico 1957-1958, Vol 1: Elenco generale e bibliografia dei ghiacciai italiani*, vol. 1, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1961a), *Catasto dei Ghiacciai Italiani – Anno Geofisico 1957-1958, Vol 3: Ghiacciai della Lombardia e dell’Ortles-Cevedale*, vol. 3, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1961b), *Catasto dei Ghiacciai Italiani – Anno Geofisico 1957-1958, Vol 2: Ghiacciai del Piemonte*, vol. 2, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1962), *Catasto dei Ghiacciai Italiani – Anno Geofisico 1957-1958, Vol 4: Ghiacciai delle Tre Venezie (escluso Ortles-Cevedale) e dell’Appennino*, vol. 4, Consiglio Nazionale delle Ricerche.

- Comitato Glaciologico Italiano (Ed.) (1964a), *Anno 1964 Glaciologia – Supplemento al Bollettino del Comitato Glaciologico Italiano, II, parte primera*, vol. 11, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1964b), *Anno 1962 Bollettino del Comitato Glaciologico Italiano, II, parte prima*, vol. 11, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1966a), *Anno 1961/62 Bollettino del Comitato Glaciologico Italiano, II, parte seconda: NEVI*, vol. 12, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1966b), *Anno 1962 Bollettino del Comitato Glaciologico Italiano, II, parte prima*, vol. 12, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1966c), *Anno 1962 Bollettino del Comitato Glaciologico Italiano, II, parte prima: Ghiacciai*, vol. 12, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1969), *Anno 1965 Bollettino del Comitato Glaciologico Italiano, II, parte prima: Ghiacciai*, vol. 15, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1972), *Anno 1972 Bollettino del Comitato Glaciologico Italiano, II*, vol. 20, Consiglio Nazionale delle Ricerche.
- Comitato Glaciologico Italiano (Ed.) (1973), *Anno 1973 Supplemento al Bollettino del Comitato Glaciologico Italiano, II*, vol. 21, Consiglio Nazionale delle Ricerche.
- Commission des Glaciers (1955-1968/69), *Les variations des glaciers suisses*, vol. 76-90, Observations annuelles publ. par la Commission des Glaciers de la Société Helvétique des Sciences Naturelles (SHSN), Bern.
- Conkling, P., R. Alley, W. Broecker, and G. Denton (2011), *The fate of Greenland: Lessons from abrupt climate change*, 232 pp., MIT Press, Cambridge (Massachusetts), London (England).
- Consiglio nazionale delle ricerche (Ed.) (1962), *Catasto dei ghiacciai italiani anno geofisico 1957-1958*, 309 pp., Comitato Glaciologico Italiano.
- Cortés-Ramos, J. (2006), *Working Stay at the WGMS*, WGMS, University of Zurich.
- Cryospheric Commision (EKK) (Ed.) (2001-2014), *Permafrost in Switzerland, Glaciological Report No 2-7, 12-15*, Swiss Academy of Science.
- Cryospheric Commission (Ed.) (1881-2014), *The Swiss glaciers*, vol. 1-130, Cryospheric Commission of the Swiss Academy of Science, annual reports in Swiss glaciers starting in 1881 as "Les variations périodiques des glaciers des Alps", from 1904 on as "Les variations périodiques des glaciers des Alpes suisses", from 1950 on as "Les variations des glaciers des Alpes suisses", from 1955 on as "Les variations des glaciers suisses", from report 1969/70 on as "Die Gletscher der Schweizer Alpen" and since report 1993/94 as "The Swiss glaciers".
- Darms, G. A. (2009), *Firntemperaturen auf dem Colle Gnifetti. Zusammenstellung und Analyse bestehender und neuer Temperaturprofile*, Master Thesis. Departement für Geowissenschaften, Universität Freiburg, Geographisches Institut der Universität Zürich.
- Davaze, L. (2018), Quantification du bilan de masse de surface des glaciers de montagne à l'échelle régionale par télédétection spatiale optique, Ph.D. thesis, Institut des Géosciences de l'Environnement, Université de Grenoble Alpes.
- Demuth, M. (2012), *Becoming water. Glaciers in a warming world*, Rocky Mountain Books, Victoria, 137 pp.

- Demuth, M. N., D. S. Munro, and G. J. Young (Eds.) (2006), *Peyto Glacier - One century of science*, 278 pp., National Water Research Institute, Saskatoon, Canada.
- Denzinger, F. (2014), *Internship report*, WGMS, University of Zurich, University of Basel.
- Desio, A. (1967a), *I ghiacciai del gruppo Ortles-Cevedale (Alpi centrali): Testo*, 875 pp., Comitato Glaciologico Italiano, Torino, (text).
- Desio, A. (1967b), *I ghiacciai del gruppo Ortles-Cevedale: Tavole*, 207 pp., Comitato Glaciologico Italiano, Torino, (tables and figures).
- DEZA (Ed.) (1993), *Die Schweiz und die Konferenz von Rio über Umwelt und Entwicklung*, 94 pp., Direktion für Entwicklung und Zusammenarbeit, Bern.
- Drewry, D. (1986), *Glacial Geologic Processes*, Edward Arnold, London, pp. 276.
- EEA (Ed.) (2004), *Impacts of Europe's changing climate; an indicator-based assessment*, 100, European Environment Agency.
- EEA (2009a), *Greenhouse gas emission trends and projections in Europe 2009; tracking progress towards Kyoto targets*, 181 pp., European Environment Agency.
- EEA (2009b), *Regional climate change and adaptation; The Alps facing the challenge of changing water resources*, 143 pp., European Environment Agency.
- EEA (Ed.) (2010a), *The European environment - state and outlook 2010: synthesis*, 222 pp., European Environment Agency, (folder containing additional brochures und summaries).
- EEA (2010b), *Europe's ecological backbone: recognising the true value of our mountains*, 248 pp., European Environment Agency.
- EEA, and JRC (2008), *Impacts of Europe's changing climate - 2008 indicator-based assessment: Joint EEA-JRC-WHO report*, 246 pp., European Environment Agency.
- Embleton, C. (1972), *Glaciers and glacial erosion*, 287 pp., The MacMillan Press Ltd, London.
- Endlicher, W., and F.-W. Gerstengarbe (Eds.) (2007), *Der Klimawandel: Einblicke, Rückblicke und Ausblicke*, 134 pp., Potsdam-Institut für Klimafolgenforschung, 134 pp, Potsdam.
- ESA (Ed.) (2002), *Envisat, caring for the Earth*, 62 pp., ESA, Astrium.
- ESA (Ed.) (2011), *Sentinel Scientific Products for Land, Ocean and Cryosphere: Assessment and Consolidation Workshop*, European Space Agency, (folder containing additional brochures).
- ESFS (Ed.) (2004), *Climate change - the "stone tape"*, 14 pp., Earth science for society.
- European Geosciences Union (2010), *The Cryosphere Vol. 4 (3)*, 243-433 pp., Copernicus Publications, Munich.
- Eyles, N. (Ed.) (1983), *Glacial Geology*, Pergamon Press, Oxford, pp. 409.
- Favier, V. (2016), *Observation et modélisation régionale de l'évolution de la cryosphère*, 136 pp., Diplôme d'Habilitation à Diriger des Recherches. Université de Grenoble, France.
- Field, W. O. (1975a), *Mountain glaciers of the Northern hemisphere (Vol. 1)*, 698 pp., Corps of Engineers, U. S. Army, Technical Information Analysis Center, Cold Regions Research and Engineering Laboratory, Hanover.



- Field, W. O. (1975b), *Mountain glaciers of the Northern hemisphere (Vol. 2)*, 932 pp., Corps of Engineers, U. S. Army, Technical Information Analysis Center, Cold Regions Research and Engineering Laboratory, Hanover.
- Field, W. O. (1975c), *Mountain glaciers of the Northern hemisphere - Atlas*, 49 pp., Corps of Engineers, U. S. Army, Technical Information Analysis Center, Cold Regions Research and Engineering Laboratory, Hanover.
- Fischer, A., N. Span, M. Kuhn, and M. Butschek (2007), *Radarmessungen der Eisdicke Österreichischer Gletscher. Band II: Messungen 1999 bis 2006*, 39, 139 pp., Zentralanstalt für Meteorologie und Geodynamik.
- Fleischmann, K. (2005), *Zu den Kältepolen der Erde*, Delius Klasing Verlag, Bielefeld, pp. 344.
- Forel, F. A. (2012), *Forel et le Léman. Aux sources de la limnologie*, 317 pp., Presses polytechniques et universitaires romandes, Lausanne.
- Fountain, A. G., R. M. Krimmel, and D. C. Trabant (1997), A strategy for monitoring glaciers, *U.S. Geological Survey Circular, 1132*, 19 pp.
- Francou, B., and C. Vincent (2015), *Quoi de neuf sur la planète blanche*, Editions Glénat.
- Francou, B., J. Bourges, P. Ribstein, and R. Vargas (1992), *Un programme d'étude d'un glacier tropical: Applications aux ressources en eau d'un bassin versant Andin*, 64 pp., Maison des Sciences de l'Eau, Montpellier.
- Frauenfelder Kääh, R. (2005), *Gletscherschwund 1850-2000 im Einzugsgebiet der Abflussmessstation Ilanz*, 34 pp., Bundesamt für Wasser und Geologie.
- Fremdenverkehrsdienst, Eidgenössisches Amt für Verkehr (Ed.) (1978), *Die naturräumliche Eignung der Schweizerischen Gletscher für das Pistenski fahren*, 458 pp., Eidgenössisches Amt für Verkehr, Bern.
- Frey, K. (s.a.), *Die globale Erwärmung bedroht Existenz und Schönheit der Gletscher*.
- Furrer, D. (2010), *Gletscheränderungen im Hindu Kush-Himalaya seit dem Ende der Kleinen Eiszeit*, Bachelor Thesis. Geographisches Institut der Universität Zürich.
- Furrer, G. (2001), *Alpine Vergeltsscherung vom letzten Hochglazial bis heute*, Akademie der Wissenschaften und Literatur, Mainz, 49 pp.
- Furrer, R., W. Keller, M. Gamper, and J. Suter (Eds.) (1987a), *Exkursionführer Teil B: Mittelland*, vol. 25, Geographisches Institut der Universität Zürich, Geographische Institut der Universität Zürich Winterthurerstrasse 190 8057 ZÜRICH SWITZERLAND.
- Furrer, R., W. Keller, M. Gamper, and J. Suter (Eds.) (1987b), *Exkursionführer Teil A: Rhone-gletscher*, vol. 24, Geographisches Institut der Universität Zürich, Geographische Institut der Universität Zürich Winterthurerstrasse 190 8057 ZÜRICH SWITZERLAND.
- Galos, S. P. (2018), *Innovative Perspectives in Studying the Mass Balance of Mountain Glaciers*, Ph.D. thesis, Faculty of Geo-Atmospheric Sciences, University of Innsbruck.
- Gardent, M. (2014), *Inventaire et retrait des glaciers dans les Alpes françaises depuis la fin du Petit Âge Glaciaire*, Ph.D. thesis, Université de Grenoble, 444 pp.

- GCOS (Ed.) (2005), *Analysis of data exchange problems in global atmospheric and hydrological networks*, 36 pp., WMO.
- GCOS (2010), *Global Climate Observing System: Ensuring the Availability of Global Observations for Climate*, 26 pp., Global Climate Observing System.
- GCOS (2014), *The global climate observing system and its terrestrial panel*, Global Climate Observing System, Geneva, Switzerland.
- GCOS (2016), *The Global Observing System For Climate: Implementation Needs*, Global Climate Observing System.
- GCOS Schweiz (Ed.) (2008), *Lokal messen...*, 29 pp., GCOS.
- Geographische Rundschau 55(2) (Ed.) (2003), *Glazialmorphologie*, westermann Verlag, Braunschweig, 66 pp.
- Gilbert, R. (1972), *Drainings of Ice-Dammed Summit Lake, British Columbia. Scientific Series No. 20*, Inland Water Directorate, Ottawa, 17 pp.
- Gilgen, H. (1972), *Trendsurfaces der Waldgrenze und der Firnlinie des Haushaltjahres 1972/73 in den Walliser Alpen*, 155 pp., Eidgenössische Technische Hochschule Zürich, Zürich.
- Glaciology and geocryology institute (Ed.) (1980), *Professional papers on the Batura glacier, Karakoram mountains*, 271 pp., Science Press, Beijing.
- Glaus, L. (2016), *Glacier Data Archiving and Glacier Statistics at the NSIDC Boulder (CO)*, Internship Report.
- Glaziologisches Jahrbuch (1969-1991), *Die Gletscher der Schweizer Alpen*, vol. 91-111/112, Der Gletscherkommission der Schweizerischen Naturforschenden Gesellschaft/SNG herausgegeben durch die Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie/VAW der Eidgenössischen Technischen Hochschule Zürich/ETHZ.
- Gletscher-Kommission der Schweizer Naturforschenden Gesellschaft (Ed.) (1916), *Vermessungen am Rhonegletscher 1874-1915*, Kommissions-Verlag, Basel, 190 pp.
- Global Climate Observing System (2014), GCOS Programme Review, Synthesis Report, March 2014, *Tech. rep.*, Global Climate Observing System.
- Gloor, U. (2009), *Internship report*, WGMS, University of Zurich.
- Gloor, U. B. (2008), *Modellierung von spät- und postglazialen Gleichgewichtslinien für zwei Gletscher der Bündner Alpen*, Master Thesis. Physische Geographie, Geographisches Institut der Universität Zürich.
- Godoy, A. P., and A. V. Holzapfel (1977), *Estudio geomorfológico y glaciológico en la zona de la Laguna Negra: Alta cordillera del area metropolitana*, Ph.D. thesis, Universidad de Chile, Facultad de Ciencias Físicas y Matemáticas, Departamento de Geología.
- Goethe-Gesellschaft Schweiz (Ed.) (2004), *Das Furka-Abenteuer: Goethes Reise durch die Schweiz 1779*.
- Goldman, H. V. (Ed.) (2007-2008), *Polar Research*, vol. 26-27, Blackwell Publishing Ltd, Oxford.
- Goodison, B. (1972a), *The Distribution of Global Radiation over Peyto Glacier, Alberta. Scientific Series No. 22*, Inland Waters Directorate, Ottawa, 22 pp.

- Goodison, B. (1972b), *An Analysis of Climate and Runoff Events for Peyto Glacier, Alberta. Scientific Series No. 21*, Inland Waters Directorate, Ottawa, 29 pp.
- Gross, E., and P. Vaney (Eds.) (1987), *Die Alpen*, vol. 3. Quartal, Schweizer Alpen-Club.
- Gross, E., and P. Vaney (Eds.) (1988), *Die Alpen, Jahrgang 64*, Schweizer Alpen-Club, Bern, 322 pp.
- Grudd, H. (1992), *Annual Report 1990-1991 Tarfala Research Station*, 73 pp., Naturgeografiska Institutionen / Stockholm Universitet, Stockholm.
- Gruppo Nazionale Geografia Fisica e Geomorfologia (CNR) (1986), Ricerche geomorfologiche nell'alta Vall di Peio (Gruppo del Cevedale), *Geografia Fisica e Dinamica Quaternaria*, 9, 137–191.
- GTOS (2006), GTOS Biennial Report 2004-2005, *Tech. rep.*
- GTOS (Ed.) (2009), *GTOS strategy for 2010-2015 - draft version for discussion*, 48 pp., Global Terrestrial Observing System.
- Guglielmin, M., and C. Smiraglia (Eds.) (1997), *Catasto dei rock glacier delle Alpi Italiane*, 103 pp., Archivio del Comitato Glaciologico Italiano 3.
- Gurung, D. R., A. Giriraj, K. S. Aung, B. Shreshta, and A. V. Kulkarni (2011), *Snow-cover mapping and monitoring in the Hindu Kush-Himalayas*, 32 pp., ICIMOD, Kathmandu.
- Häberle, T. (1991), *Spät- und postglaziale Gletschergeschichte des Hörgárdalur-Gebietes, Tröllaskagi, Nordisland*, vol. 32, Institut für Geographie der Universität Zürich.
- Haeberli, W. (2010), *Arbeitsbericht NAB 10-18: Glaciological conditions in northern Switzerland during recent Ice Ages*, 28 pp., Nationale Genossenschaft für die Lagerung radioaktiver Abfälle.
- Haeberli, W., and C. R. Burn (2002), *Natural hazards in forests: glacier and permafrost effects as related to climate change*, vol. 9, 167-202 pp., IUFRO Research Series.
- Haeberli, W., and C. C. Wallen (1992), *Glaciers and the environment*, 24 pp., UNEP, Nairobi.
- Haeberli, W., M. Hölzle, J. Dousse, and C. Ehrlé (1996), *Simulation der Permafrostverbreitung in den Alpen mit geographischen Informationssystemen*, vdf Hochschulverlag an der ETH Zürich, Zürich, 58 pp.
- Haeberli, W., M. Hoelzle, and S. Suter (Eds.) (1998), *Into the second century of worldwide glacier monitoring: prospects and strategies*, 227 pp., UNESCO.
- Haeberli, W., A. Kääh, M. Hoelzle, H. Bösch, M. Funk, D. Mühl, and F. Keller (1999), *Eisschwund und Naturkatastrophen im Hochgebirge*, vdf Hochschulverlag an der ETH Zürich, Zürich, 190 pp.
- Haeberli, W., M. Maisch, and F. Paul (2002), *Mountain glaciers in global climate-related observation networks*, vol. 51, 8 pp., World Meteorological Organization.
- Haeberli, W., et al. (2006), Permafrost creep and rock glacier dynamics, *Permafrost and Periglacial Processes*, 17, 189–214.

- Haeberli, W., M. Bütler, C. Huggel, H. Müller, and A. Schleiss (2013), *Neue Seen als Folge des Gletscherschwundes im Hochgebirge - Chancen und Risiken. Formation de nouveaux lacs suite au recul des glaciers en haute montagne - chances et risques*, vdf Hochschulverlag an der ETH, Zürich.
- Haeberli, W., C. Whiteman, and J. F. Shroder (Eds.) (2015), *Snow and ice-related hazards, risks and disasters*, Elsevier, Amsterdam, 762 pp, doi:10.1016/B978-0-12-394849-6.00008-1.
- Haefeli, R. (1939), *Schneemechanik mit Hinweisen auf die Erdbaumechanik*, 243 pp., Aschmann & Scheller A.-G., Zürich.
- Hagen, J. O., O. Liestøl, E. Roland, and T. Jørgensen (1993), *Glacier Atlas of Svalbard and Jan Mayen*, 141 pp., Norsk Polarinstitut, Oslo.
- Haid, H. (2004), *Mythos Gletscher*, Pro Vita Alpina, Innsbruck, pp. 109.
- Handmann, E., et al. (2019), *Keineismehr - Die Grindelwaldgletscher. Kunst und Wissenschaft. Kunsthau Interlaken. 16. Juni - 25. August 2019*, Haupt, Bern.
- Hantke, R. (1978), *Eiszeitalter I. Die jüngste Erdgeschichte der Schweiz und ihrer Nachbargebiete*, 468 pp., Ott Verlag, Thun.
- Hantke, R. (1980), *Eiszeitalter II. Die jüngste Erdgeschichte der Schweiz und ihrer Nachbargebiete*, 703 pp., Ott Verlag, Thun.
- Harris, C., and W. Haeberli (2003), *World Meteorological Organization Bulletin: Warming permafrost in the mountains of Europe*, vol. 52, 6 pp., WMO.
- Hastenrath, S. (1981), *The glaciation of the Ecuadorian Andes*, 159 pp., Taylor and Francis, Rotterdam.
- Hastenrath, S. (1984), *The glaciers of equatorial East Africa*, 353 pp., D. Reidel Publishing Company, Dordrecht / Boston / Lancaster.
- Hastenrath, S. (1996a), *Glaciological Studies on Mount Kenya 1991-96*, Department of Meteorology, University of Wisconsin–Madison.
- Hastenrath, S. (1996b), *Glaciological studies on Mount Kenya 1991-96*, 66 pp., University of Wisconsin, Madison.
- Hastenrath, S. (2005), *Glaciological studies on Mount Kenya 1971 - 2005*, 220 pp., University of Wisconsin, Madison.
- Hastenrath, S. (2008), *Recession of equatorial glaciers: a photo documentation*, 142 pp., Sundog Publishing, Madison.
- Hauptverwaltung des Hydrometeorologischen Dienstes beim Ministerrat der UdSSR (1966), *Richtlinien zum Erstellen eines Gletscherkataloges der UdSSR*, Temporary Technical Secretariat for World Glacier Inventory, International Commission on Snow and Ice, Hydrometeorologischer Verlag, Leningrad, ins Deutsche übersetzt von Chr. Weiss, Stäfa, Püntacker.
- Herzfeld, U. C. (1998), *The 1993-1995 surge of Bering glacier (Alaska) – a photographic documentation of crevasse patterns and environmental changes*, Trierer Geographische Studien Heft 17, Trier, 211 pp.

- Higuchi, K., and T. Iozawa (1971), *Atlas of perennial snow patches in central Japan*, 81 pp., Nagoya University, Japan.
- Hinterberger, A. (2003), *Internship report*, WGMS, University of Zurich.
- Hofmann, W. (1964), *Die geodätische Lagemessung über das grönländische Inlandeis der internationalen glaziologischen Grönland-Expedition (EGIG) 1959, 1957–1960*, vol. 2, Expedition glaciologique internationale au Groenland, reprint of Meddelelser om Grønland, Vol 173, No 6.
- Hofmann, T. et al. (2014), *The Face of the Earth. The Legacy of Eduard Suess*, European Geosciences Union.
- Hoinkes, S., and B. Seiler (2007), *Internship report*, WGMS, University of Zurich.
- Hokkaido University. Institute of low temperature science, Hokkaido (Ed.) (1997), *Cryospheric studies in Kamchatka I*, 149 pp., Hokkaido University. Institute of low temperature science, Hokkaido.
- Holmlund, P. (1988), Studies of the drainage and the response to climatic change of Mikkgalaciären and Storgalaciären, Ph.D. thesis, Stockholm University.
- Holmlund, P., and P. Jansson (2002), *Glaciological Research at Tarfala Research Station*, 48 pp., Stockholm University, Stockholm.
- Holmlund, P., and A. Schytt (1995), *Tarfala. Forskning vid Tarfalastationen under 50 år*, 48 pp., Naturgeografiska Institutionen, Stockholms Universitet, Stockholm.
- Holzhauser, H. (2010), *Zur Geschichte des Gornergletschers: Ein Puzzle aus historischen Dokumenten und fossilen Hölzern aus dem Gletschervorfeld*, 253 pp., Geographica Bernensia, Bern, Bern.
- Hope, G. S., J. A. Peterson, U. Radok, and I. Allison (Eds.) (1976), *The equatorial glaciers of New Guinea*, 244 pp., A. A. Balkema, Rotterdam.
- Huber, J. (2016), *The Glacier Inventory of the Antarctic Peninsula*, Master Thesis. Geographisches Institut der Universität Zürich, Zürich, 77 pp.
- Huggel, C. (2004), *Assessment of glacial hazards based on remote sensing and GIS modeling*, Geographisches Institut der Universität Zürich, Zürich, 75 pp.
- Huggel, C. (2007), Impacts from climate change related hazards in high-mountain areas: a review of assessment techniques, in *Proceedings of the first international conference on the impact of climate change on high-mountain systems*, edited by J. L. Ceballos, C. Huggel, S. G., and L. Yepes, pp. 109–121, Bogota.
- Huintjes, E. (2006), *Internship report*, WGMS, University of Zurich.
- IAHS (1980), World Glacier Inventory - Inventaire mondial des glaciers, in *Proceedings of the Riederalp Workshop, September 1978 ; Actes de l'Atelier de Riederalp, septembre 1978*, p. 351, IAHS-AISH.
- IAHS and ICSI (2003), Symposium on mass balance of Andean glaciers and 1st mass balance workshop on Andean glaciers, p. 80, IAHS, Valdivia.
- ICIMOD (Ed.) (2007), *Climate change and the Himalayas: More vulnerable mountain livelihoods, erratic shifts in climate for the region and the world*, Sustainable mountain development, 55 pp., ICIMOD, Kathmandu.

- ICIMOD (Ed.) (2011a), *Annual report 2011*, 66 pp., ICIMOD, Kathmandu.
- ICIMOD (2011b), *Earth observation and climate change: sustainable mountain development*, 58 pp., ICIMOD.
- ICIMOD (2011c), *Glacial lakes and glacial lake outburst floods in Nepal*, 96 pp., ICIMOD, Kathmandu.
- ICIMOD (Ed.) (2012), *Annual report 2012*, 72 pp., ICIMOD, Kathmandu.
- ICIMOD (2014), *Glacier Status in Nepal and Decadal Change from 1980 to 2010 Based on Landsat Data, Research Report 2*.
- ICSU (2003), *Report of the Environment and its relation to sustainable development, Tech. rep.*, Paris.
- ICSU (2004a), *Scientific data and information, Tech. rep.*, Paris.
- ICSU (2004b), *ICSU Report of the CSPR Assessment Panel on Scientific Data and Information, Tech. rep.*
- ICSU (2005), *ICSU strategic review of science and society: rights and responsibilities, Tech. rep.*
- ICSU (2006a), *Strengthening international science for the benefit of society*, 10 pp., ICSU.
- ICSU (2006b), *Priority area assessment on capacity building in science, Tech. rep.*, Paris.
- ICSU (Ed.) (2011a), *Global data for global science*, The first ICSU World Data System conference.
- ICSU (Ed.) (2011b), *Abstracts and guide to the WDS. The first ICSU World Data System conference*, 129 pp., Kyoto University, Kyoto.
- ICSU (Ed.) (2013), *Annual report 2012-13*, 29 pp., ICSU World Data System International Programme Office, Tokyo.
- ICSU / WMO (2007), *The scope of science for the International Polar Year 2007-2008, Tech. rep.*, Geneva.
- IGS (Ed.) (1947-2017), *Journal of Glaciology*, vol. 1-66, International Glaciological Society, Cambridge, UK, (missing exemplars are no. 2-15; no. 17-30; no. 37-39; no. 47; no. 56; no. 90; no. 101-102; no. 110; no. 121; no. 151; no. 181; no. 202).
- IGS (Ed.) (1980-2009), *Annals of Glaciology*, vol. 1-50, International Glaciological Society, Cambridge, UK, (Vol 2 and Vol. 20 are missing).
- Inst.Geogr.Russ.Acad.Sciences (Ed.) (1997), *Data of glaciological studies, 271*, vol. 82, Institute of Geography of the Russian Academy of Sciences, Glaciological Association, Moscow.
- Institute of Geography of the Russian Academy of Sciences (2004-2010), *Data of glaciological studies (Pubs. 96 - 108)*, Glaciological Association / Nauka.
- Instituto de Hidrología, Meteorología y Estudios Ambientales (IDEAM) (2012), *Glaciares de Colombia, más que montañas con hielo*, 344 pp., IDEAM, Bogotá D.C., Colombia.
- International Association Hydrological Sciences (1962), *Symposium of Obergurgl: Variations of the regime of existing glaciers*, 311 pp., IAHS Press, Ghent, Belgium.

- IPCC (2002), *Klimaänderung 2001 - Zusammenfassungen für politische Entscheidungsträger*, 119 pp., ProClim.
- IPCC (2016), *Klimaänderung 2013/2014 - Zusammenfassungen für Entscheidungsträger*, Deutsche IPCC-Koordinierungsstelle, Bonn, 91 pp.
- ITALIANO, C. G. (Ed.) (2017), *Itinerari glaciologici sulle montagne taliane Vol 1*.
- Iturraspe, R. J. (2011), *Glaciares de Tierra del Fuego*, 182 pp., Dunken, Buenos Aires.
- IUGG (1989), *the Federation of Astronomical and Geophysical Data Analysis Services (FAGS)*, 194, IUGG, chronicle.
- Ivanov, M. N. (Ed.) (2012), *Tenth international conference on permafrost TICOP - Resources and risks of permafrost areas in changing world*, 50 pp., Pechatnik.
- Ives, J. D., R. B. Shrestha, and K. Mool (2010), *Formation of glacial lakes in the Hindu Kush-Himalayas and GLOF risk assessment*, 56 pp., ICIMOD, Kathmandu.
- Jackson, L. E. (1987), *Terrain Inventory And Quaternary History Of Nahanni Map Area, Yukon Territory and Northwest Territories*, Geological Survey of Canada, Ottawa, 23 pp.
- Jackson, L. E. (1994), *Terrain Inventory and Quaternary History of the Pelly River Area, Yukon Territory*, Geological Survey of Canada, Ottawa , 41 pp.
- Jania, J., and M. Pulina (1983), Field investigations performed during the glaciological Spitsbergen expedition in 1983, *Tech. rep.*, Uniwersytet Ślaski, Katowice.
- Jansson, P. (1994), Studies of short-term variations in ice dynamics, Storglaciären, Sweden, Ph.D. thesis, Stockholm University.
- Jansson, P., and J. Boelhouwers (Eds.) (2014), *Geografiska Annaler: Series A, Physical Geography, Geografiska Annaler*, vol. 96, Swedish Society of Anthropology and Geography.
- Jansson, P., M. Dyurgerov, A. G. Fontain, and G. Kaser (Eds.) (1999), *Methods of mass balance measurements and modelling, Geografiska Annaler*, vol. 81A, Svenska Sällskapet För Antropologi Och Geografi.
- Jeanneret, F., D. Wastl-Walter, U. M. Wiesmann, and M. Schwyn (2003), *Welt der Alpen-Gebirge der Welt: Ressourcen, Akteure, Perspektiven*, vol. 61, Haupt.
- Jenness, E. (Ed.) (1969), *Canadian Journal of Earth Sciences. Vol. 6 (4)*, 807-1018 pp., The National Research Council of Canada, Ottawa.
- Jianchu, X., A. Shrestha, R. Vaidya, M. Eriksson, and K. Hewitt (2007), *The melting Himalayas: Regional challenges and local impacts of climate change on mountain ecosystems and livelihoods*, 15 pp., ICIMOD, Kathmandu.
- Jörg, P. (2014), *Assessment of Glacier Changes, Surface Properties, and Related Uncertainties Based on Airborne Laser Scanning*, PhD Thesis. Mathematisch-naturwissenschaftliche Fakultät der Universität Zürich.
- Jossi, H., T. Labhart, R. Rohrbach, J. Saurer, R. Straub, and G. Wagner (1996), *Gletscherpfad Steinalp am Sustenpass*, Arbeitsgemeinschaft Gletscherpfad Steinalp, Meiringen, 31 pp.
- Kargel, J. S., G. J. Leonard, M. P. Bishop, A. Käab, and B. H. Raup (Eds.) (2014), *Global Land Ice Measurements from Space*, Springer, Berlin/Heidelberg, 876 pp, doi:10.1007/978-3-540-79818-7.

- Karl, T. R. (Ed.) (1996), *Long-term climate monitoring by the Global Climate Observing System*, 518 pp., Kluwer Academic, Dordrecht - Boston - London.
- Karlén, W., and P. Holmlund (Eds.) (1996), *Tarfala Research Station – 50 years of activity*, *Geografiska Annaler*, vol. 78A, Svenska Sällskapet för antropologi och geografi.
- Kartographische Nachrichten (Ed.) (2003), *Dynamische Hochgebirgskartographie; zum 54. Deutschen Geographentag in Bern, 201-256*, vol. 53, KN.
- Kaser, G., A. Fountain, and P. Jansson (2003), *A manual for monitoring the mass balance of mountain glaciers*, *Technical documents in Hydrology*, vol. 59, Paris.
- Kaufmann, G. (2009), *Internationales Gletscher-Monitoring: ein Vergleich der langjährigen Massenbilanz-Beobachtungsprogramme*, Bachelor Thesis. Physische Geographie, Geographisches Institut der Universität Zürich.
- Kaul, M. K., V. M. K. Puri, R. K. Singh, D. Srivastava, C. V. Sangewar, S. Swaroop, and C. K. Gautam (1999), *Inventory of the Himalayan glaciers: a contribution to the International Hydrological Programme*, 165 pp., Geological Society of India, Calcutta.
- Keller, B., and P. Wick (1990), *Gletschergarten Luzern*, 48 pp., Gletschergarten Luzern, Luzern.
- Keller-Lengen, C., F. Keller, and R. Ledergerber (1998), *Die Gesellschaft im Umgang mit Lawinengefahren – Fallstudie Graubünden*, vdf Hochschulverlag an der ETH Zürich, Zürich, 229 pp.
- Kishimoto, H., and M. Wegmann (Eds.) (1991), *Geographica Helvetica 46(4)*, Schweizerische Zeitschrift für Geographie und Völkerkunde, Zürich, 196 pp.
- Kjaer, K. H. (Ed.) (2014), *The Greenland Ice Sheet - 80 Years of Climate Change Seen from the Air*, Natural History Museum of Denmark, University of Copenhagen.
- Kjeldsen, O. (Ed.) (1983a), *Materialtransportundersøkelser i norske breelver 1981*, vol. 1–83, NVE, Vassdragsdirektoratet, Hydrologisk Adveling.
- Kjeldsen, O. (Ed.) (1983b), *Materialtransportundersøkelser i norske breelver 1981*, vol. 1–83, NVE, Vassdragsdirektoratet, Hydrologisk Adveling.
- Kjøllmoen, B. (2017a), *Homogenisering av korte massebalanseserier i Norge*, Norwegian Water Resources and Energy Directorate (NVE), Oslo, 130 pp.
- Kjøllmoen, B. (Ed.) (2017b), *Glaciological investigations in Norway 2016*, Norwegian Water Resources and Energy Directorate (NVE), Oslo, 95 pp.
- Kjøllmoen, B. (Ed.) and Andreassen, L. M. and Elvehøy, H. and Jackson, M. (2019), *Glaciological investigations in Norway 2018*, 46, 84 pp., Norwegian Water Resources and Energy Directorate (NVE), Oslo, Norway.
- Knecht, T. (2014), *Ice Thickness analysis of ice caps in the Canadian Arctic based on Operation IceBridge radar data*, Master Thesis. Glaciology and Geomorphodynamics Group - 3G, Departement of Geography, University of Zurich.
- Knoll, C. (2009), *Glaciers in South Tyrol: 1850–2006 – Application of airborne laser scanner data, orthophotos and historical maps for the acquisition of recent and the reconstruction of past glacier extents*, 145 pp., (PhD thesis). University of Innsbruck, Innsbruck.



- Knudsen, N. A. T., and A. Weidick (1981a), *Glacier Inventory, West Greenland 63-64 N*, Grønlands Geologiske Undersøgelser and Geologisk Institut, Aarhus Universitet.
- Knudsen, N. T., and A. Weidick (1981b), *Glacier Inventory West Greenland*, Geologisk Institut Aarhus Universitet, Grønlands Geologiske Undersøgelse Kopenhagen.
- Koblet, T. (2009), *Volumenänderungen am Storglaciären. Photogrammetrische Auswertung von Luftbildern zur Analyse von glaziologischen Prozessen im Tarfala Tal, Schweden*, Diploma Thesis. Universität Zürich, Stockholm University.
- Kohler, T., and D. Maselli (2009), *Mountains and climate change - from understanding to action*, 74 pp., Geographica Bernensia, SDC, Bern, 75 pp, Bern.
- Kohler, T., A. Wehrli, and M. Jurek (Eds.) (2014), *Mountains and climate change: a global concern*, Sustainable Mountain Development Series. Centre for Development and Environment (CDE), Swiss Agency for Development and Cooperation (SDC) and Geographica Bernensia, Bern, 136 pp.
- Kopelman, I. (2011), *50 Metres Distance or More. Notes on Representation Vol. 4*, Roma Publications, Amsterdam.
- Kopelman, I. (2013), *The Exact Opposite of Distance. Notes on Representation Vol. 5*, vol. 5, Roma Publications, Amsterdam.
- Kopelman, I. (2017), *On Glaciers and Avalanches. Notes of Representation Vol. 8*, Roma Publication, 89 pp.
- Koppermann, A. (s.a.), *Die Gletscher der Alpen und ihre Veränderung in jüngster Zeit – dargestellt an ausgewählten Beispielen. Mit Vorschlägen zur unterrichtlichen Behandlung*, Geographisches Institut der Universität Zürich, Zürich, 153 pp.
- Kotlarski, S. (2007), *A Subgrid Glacier Parameterisation for Use in Regional Climate Modelling*, *Reports on Earth System Science*, vol. 42, Max Planck Institut for Meteorology.
- Kotlyakov, V. M. (Ed.) (1997), *34 selected papers on main ideas of the Soviet glaciology. 1940s - 1980s*, 480 pp., Glaciological Association, Moscow.
- Kotlyakov, V. M. (2006), *Glaciation in North and Central Eurasia at present time*, 481 pp., Nauka, Moscow.
- Kotlyakov, V. M. (2007), *Glaciation in north Eurasia in the recent past and immediate future*, 366 pp., Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2012), *Ice and Snow 119*, 3, Nauka, Moskow.
- Kotlyakov, V. M. (Ed.) (2013a), *Ice and Snow 124*, 4, Nauka, Moskow.
- Kotlyakov, V. M. (Ed.) (2013b), *Ice and Snow 123*, 3, Nauka, Moskow.
- Kotlyakov, V. M. (Ed.) (2013c), *Ice and Snow 122*, 2, Nauka, Moskow.
- Kotlyakov, V. M. (Ed.) (2014a), *Ice and Snow 128*, 4, Nauka, Moskow.
- Kotlyakov, V. M. (Ed.) (2014b), *Ice and Snow 127*, 3, Nauka, Moskow.
- Kotlyakov, V. M. (Ed.) (2014c), *Ice and Snow 126*, 2, Nauka, Moskow.

- Kotlyakov, V. M. (Ed.) (2014d), *Ice and Snow 125*, 1, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2015a), *Ice and Snow 55*, 4, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2015b), *Ice and Snow T.55*, 3, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2015c), *Ice and Snow 129*, 1, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2015d), *Ice and Snow 130*, 2, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2016a), *Ice and Snow 56*, 4, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2016b), *Ice and Snow 56*, 3, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2016c), *Ice and Snow 56*, 2, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2016d), *Ice and Snow 56*, 1, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2017a), *Ice and Snow 57*, 4, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2017b), *Ice and Snow 57*, 3, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2017c), *Ice and Snow 57*, 1, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2019a), *Ice and Snow 59*, 3, Nauka, Moscow.
- Kotlyakov, V. M. (Ed.) (2019b), *Ice and Snow 59*, 4, Nauka, Moscow.
- Kraus, P. (1981), *Gletscherinventar von Suedost Ellesmere Island N.W.T., Kanada, sowie seine Anwendung zur Abschätzung des Abflusses*, Geographisches Institut der ETH Zürich, diploma thesis.
- Kraus, P. (1983), *Glacier Inventory of South Ellesmere Island, N.W.T., Canada and its Application for Estimating the Annual Run-Off*, 9, ETH Zurich, züricher Geographische Schriften.
- Krimmel, R. M. (1986-2007), *Water, ice and meteorological measurements at South Cascade Glacier, Washington, 1986-2005 balance years*, U.S. Geological Survey / U.S. Department of the Interior, Washington.
- Krimmel, R. M. (2001), *Photogrammetric data set, 1957-2000, and bathymetric measurements for Columbia glacier, Alaska*, 40 pp., U.S. Geological Survey, Tacoma, Washington.
- Kröger, B. (2007), *Internship report*, WGMS, University of Zurich.
- Kröger, B. (2009), *Wachsende Gletscher in Zeiten des Klimawandels? Ein globaler Überblick basierend auf einer GIS gestützten Datenanalyse 1850-2005*, Magister Thesis. Albert-Ludwigs-Universität Freiburg im Breisgau, Fakultät für Umweltwissenschaften, Institut für Physische Geographie.
- Kuhn, M., G. Kaser, G. Markl, H. P. Wagner, and H. Schneider (1979), *25 Jahre Massenhaushaltsuntersuchungen im Gebiet des Hintereisferners in den Ötztaler Alpen*, 80 pp., University Innsbruck, Innsbruck.
- Kull, C., O. Solomina, and W. Haeberli (Eds.) (2008), *Global and Planetary Change - Special issue: Historical and Holocene glacier-climate variations*, vol. 60, 164 pp., Global and Planetary Change.

- Landolt (2005), *Ice protector 500 Flies*, Landolt, 2 different types of fleeces for covering glaciers as an example.
- Lang, H., and G. Lieb (1993), *Die Gletscher Kärntens*, Naturwissenschaftlicher Verein für Kärnten, Klagenfurt, pp. 184.
- Lanzhou Institute of Glaciology and Geocryology (Ed.) (1988), *Glacier inventory of China VII*, 105 pp., Science Press.
- Lauer, R. (2008), *Holozäne Gletscherhochstände in den verschiedenen Gebirgsregionen der Erde*, Bachelor Thesis. Geographisches Institut der Universität Zürich.
- Laumann, T. (1987), *En dynamisk modell for isbreers bevegelse*, vol. 8, V-Publikasjon, NVE, Hydrologisk adveling.
- Laumann, T. (Ed.) (1990), *Austdalsbreen – konsekvenser av Jostedalsutbyggingen*, vol. 6–90, NVE, Vassdragsdirektoratet, Hydrologisk Adveling.
- Laumann, T., N. Haakensen, and B. Wold (1988), *Massebalansemålinger på norske breer 1985, 1986 og 1987*, 46 pp., Norges Vassdragsdirektoratet, Oslo.
- Leesch, K., and K. Stukenberg (Eds.) (2017), *Die Zauberberge. Ein Alpen Spezial*, vol. 1.17, 98 pp., Greenpeace Magazin, Hamburg.
- Lefauconnier, B., and J. O. Hagen (1991), *Surging and calving glaciers in Eastern Svalbard*, 130 pp., Norsk Polarinstitutt, Oslo.
- Leiva, J. C. (2002), La situación actual de los glaciares andinos / Present situation of the Andean glaciers, in *IANIGLA, 30 años de investigación básica y aplicada en ciencias ambientales / IANIGLA, 30 years of basic and applied research on environmental sciences*, Instituto Argentino de Nivología, Glaciología y Ciencias Ambientales, Mendoza, 181-185.
- Lenarčič, M., and J. Bizjak (2009), *The Alps: A bird's-eye view*, 512 pp., Pan Alp, Savinjska.
- Lethcoe, N. (1987), *Glaciers of Prince William Sound, Alaska*, Prince William Sound books, Valdez, pp. 151.
- Letreguilly, A. (1984), *Bilans de masse des glaciers alpins: méthodes de mesure et repartition spatio-temporelle*, 274 pp., Laboratoire associé à l'Université Scientifique et Médicale de Grenoble.
- Lieb, G. K., and H. Slupetzky (2004), *Gletscherweg Pasterze*, Österreichischer Alpenverein, Innsbruck, 122 pp.
- Lliboutry, L. (1956), *Nieves y glaciares de Chile: Fundamentos de Glaciología*, 471 pp., Ediciones de la Universidad de Chile, Santiago de Chile.
- L'office du tourisme Chamonix Mont-Blanc (Ed.) (1991), *Glace et glaciers*.
- Lorenzo, J. L. (1964), *Los glaciares de México*, 2nd ed., 116 pp., Universidad Nacional Autónoma de México, México.
- Lugon, R., and M. Monbaron (1998), *Stabilité des terrains meubles en zone de pergélisol et changements climatiques*, vdf Hochschulverlag an der ETH Zürich, Zürich, 101 pp.

- Maag, F. (2017), *Re-Analyse glaziologischer und geodätischer Massenbilanzen für den Tuyuksu Gletscher im nördlichen Tien Shan Gebirge, Kasachstan*, Geographisches Institut der Universität Zürich, Zürich, 112 pp.
- Macarevitch, G. (1985), *Tuyuksu Glacier*, Alma-Ata Kainar.
- Machguth, H. (2003), *Messung und dreidimensionale Modellierung der Massenbilanzverteilung auf Gletschern der Schweizer Alpen*, Diploma Thesis. Universität Zürich.
- Mahler, E., and M. Zemp (2000/2001), *FK IV - Uebungen*, Universität Zürich.
- Maisch, M. (1992a), *Die Gletscher Graubündens, Teil B*, Geographisches Institut der Universität Zürich, Zürich, pp. 128.
- Maisch, M. (1992b), *Die Gletscher Graubündens Teil A*, Geographisches Institut der Universität Zürich, Zürich, pp. 324.
- Maisch, M., C. Burga, and P. Fitze (1999), *Lebendiges Gletschervorfeld*.
- Maisch, M., D. V. Mühlh, and M. Monbaron (Eds.) (2003), *Entwicklungstendenzen und Zukunftsperspektiven in der Geomorphologie*, Geographischen Institut der Universität Zürich, Zürich, 160 pp.
- Makarevich, K. G. (2011), *Fotoatlas lednikov ile alatau. The North Tien Shan*, 155 pp., Almaty.
- Makarevich, K. G., and A. K. Uvarova (2014), *Schisn lednika Tuyuksu*, (In Russian). Almaty, 80 pp.
- Mälzer, H. (1964), *Das Nivellement über das grönländische Inlandeis 1957–1960*, vol. 3, Expedition glaciologique internationale au Groenland, reprint of Meddelelser om Grønland, Vol 173, No 7.
- March, R. S., and D. C. Trabant (1997), *Mass balance, meteorological, ice motion, surface altitude, and runoff data at Gulkana glacier, Alaska, 1993 balance year*, 30 pp., U.S. Geological Survey, Fairbanks, Alaska.
- Marsch, U., and B. Wanknerl (Eds.) (2014), *Umweltforschungsstation Schneefernerhaus, Zugspitze*, Umweltforschungsstation Schneefernerhaus, Zugspitze, 39 pp.
- Mattisson, J. (Ed.) (1999), *Glacial and Vegetational History of the Southern Lake District of Chile*, *Geografiska Annaler 81(2)*, Svenska Sällskapet För Antropologi Och Geografi,.
- Mattsson, J. O. (Ed.) (1999), *Geografiska Annaler Series A – Physical Geography*, Svenska Sällskapet för Antropologi och Geografi.
- Matulla, C., I. Auer, Böhm, M. Ungersböck, W. Schöner, S. Wagner, and E. Zorita (2005), *Outstanding past decadal-scale climate events in the Greater Alpine Region analysed by 250 years data and model runs*, 114 pp., GKSS-Forschungszentrum Geesthacht GmbH, Geesthacht.
- Mayo, L. R., R. S. March, and D. C. Trabant (1992), *Air temperature and precipitation data, 1967-88, Wolverine Glacier basin, Alaska*, 80 pp. pp., U. S. Geological Survey, Fairbanks.
- Mayo, L. R., D. C. Trabant, and R. S. March (2004), *A 30-year record of surface mass balance (1966-95), and motion and surface altitude (1975-95) at Wolverine glacier, Alaska*, 105 pp., U.S. Geological Survey, Fairbanks, Alaska.
- Medeu, A. R. (2011), *Mudflow Phenomena in the Southeast Kazakhstan: Management Basics*, vol. 1, Ministry of Education and Science Republic of Kazakhstan, Institute of Geography.

- Meier, M. F., W. V. Tangborn, L. R. Mayo, and A. Post (1971), *Combined ice and water balances of Gulkana and Wolverine Glaciers, Alaska, and South Cascade Glacier, Washington, 1965 and 1966 hydrologic year*, vol. 715-A, 26 pp. pp., U.S. Geological Survey, Washington.
- Meier, M. F., L. A. Rasmussen, and D. S. Miller (1985a), *Columbia Glacier in 1984: disintegration underway*, 16 pp. pp., U. S. Geological Survey.
- Meier, M. F., L. A. Rasmussen, R. M. Krimmel, R. W. Olsen, and D. Frank (1985b), *Photogrammetric determination of surface altitude, terminus position, and ice velocity of Columbia Glacier, Alaska*, 41 pp., United States Government Printing Office, Washington.
- Meier, R. (2014), *Wissensfortschritt zur Verbreitung und Änderung der Gletscher – Eine Rezension der IPCC Assessment Reports*, Bachelor Thesis. Geographisches Institut der Universität Zürich, Physische Geographie: Geomorphologie & Glaziologie.
- Mercer, J. H. (1967), Southern Hemisphere Glacier Atlas, *Tech. rep.*, United States Army Natick Laboratories, Natick.
- Merisio, L., and M. Vannuccini (2001), *Bernina: Viertausender zwischen der Schweiz und Italien*, Montabella Verlag, St. Moritz, pp. 176.
- MeteoSchweiz (Ed.) (2009), *Jahresbericht 2009*, 39 pp., MeteoSchweiz.
- MeteoSwiss (2001), *Swiss contribution to the Global Climate Observing Systems 2001*, 50 pp., UN Framework Convention on Climate Change.
- Ministerio de Medio Ambiente (1997), *La nieve en las cordilleras españolas: año 1993/94*, 288 pp.
- Ministerio de Medio Ambiente (1998), *La nieve en las cordilleras españolas: año 1994/1995*, 231 pp.
- Mokievsky-Zubok (1973), *Determination of the Mass Balance on Sentinel Glacier, British Columbia, Canada. Scientific Series No. 30*, Inland Waters Directorate, Ottawa, 39 pp.
- Molnia, B. F. (2008), *Satellite image atlas of glaciers of the world: Alaska*, 525 pp., United States Government Printing Office, Washington.
- Moser, H., H. Escher-Vetter, H. Oerter, O. Reinwarth, and D. Zunke (1986), 3.6 Massenbilanz des Vernagtferners, in *Abfluss in und von Gletschern*, GSF-Bericht 41/86, Teil I. Gesellschaft für Strahlen- und Umweltforschung München, 233-277.
- Moser, Y. (2011), *Der Findelengletscher. Eine Analyse vergangener glaziologischer Forschung auf einem Alpen-Gletscher*, Bachelor Thesis. Physische Geographie 3G: Hochgebirge im Klimawandel, Geographisches Institut der Universität Zürich.
- Müller, F. (1978), *Instructions for compilation and assemblage of data for a World Glacier Inventory, supplement: identification / glacier number*, Temporary Technical Secretariat for World Glacier Inventory, International Commission on Snow and Ice, Zürich, Switzerland, CD : World Glacier Inventory.
- Müller, F., and K. Scherler (1979), Report on World Glacier Inventory, Status December 1978, *Tech. rep.*, Temporary Technical Secretaria for the World Glacier Inventory, Zürich, Switzerland.
- Müller, F., T. Caffisch, and G. Müller (1976), *Firn und Eis der Schweizer Alpen*, 174 pp., ETH Geographisches Institut, Zürich.

- Müller, F., T. Catfish, and G. Müller (1977a), *Firn und Eis der Schweizer Alpen*, Taylor & Francis.
- Müller, F., T. Caffisch, and G. Müller (1977b), *Instructions for compilation and assemblage of data for a World Glacier Inventory*, Temporary Technical Secretariat for World Glacier Inventory, International Commission on Snow and Ice, Zürich, Switzerland.
- Müller, H., and G. Kappenberger (1991), *Claridenfirn-Messungen 1914-1984 : Daten und Ergebnisse eines gemeinschaftlichen Forschungsprojektes*, 79 pp., ETH Geographisches Institut, Zürich.
- Myrvold, M. (2012), *Svartisen. The Svartisen Glacier*, 114 pp., EDBilde, text in Norwegian, German and English.
- Naegeli, B. (2010), *Internship report*, WGMS, University of Zurich.
- Naegeli, K. (2012), *Internship report*, WGMS, University of Zurich.
- Naegeli, K. (2013), *Investigations of state and changes in drainage system, thermal structure and dynamics of Telbreen, a High Arctic glacier on Svalbard, using glacio-speleology*, Master Thesis. Departement of Geography, University of Zurich, The University Centre in Svalbard.
- Nakajima, C. (1985), Glaciological studies in Patagonia northern icefield 1983-1984, *Bulletin of Glacier Research*, 3, 133.
- Nakajima, C. (1987), Glaciological studies in Patagonia, 1985-1986, *Bulletin of Glacier Research*, 5, 175.
- Naruse, R. (1995), Glacier Researches in Patagonia, 1993, *Bulletin of Glacier Research*, 13, 132.
- Naruse, R., T. Hara, T. Shiraiwa, T. Sone, and T. Sawagaki (Eds.) (1999), *Cryospheric studies in Kamchatka II*, 170 pp., Hokkaido University. Institute of low temperature science, Hokkaido.
- National Geographic Magazine (Ed.) (2007), *The big thaw*, 160 pp., National Geographic Society.
- National Research Council of Canada (Ed.) (1952-1962), *Axel Heiberg Island Research Reports: Geology (No. 1-3)*, vol. 1-3, McGill University, Montreal.
- National Research Council of Canada (Ed.) (1959-1962), *Axel Heiberg Island Research Reports: Preliminary Report 1961-1962*, McGill University, Montreal, consists of two reports and supporting map material.
- National Research Council of Canada (Ed.) (1963), *Axel Heiberg Island, Canadian Arctic Archipelago - map supplement, preliminary report 1961-1962*, McGill University, Montreal.
- National Research Council of Canada (Ed.) (1964), *Axel Heiberg Island Research Reports: Meteorology (No. 2)*, McGill University, Montreal.
- National Research Council of Canada (Ed.) (1969), *Axel Heiberg Island Research Reports: Glaciology (No. 3)*, McGill University, Montreal.
- National Research Council (U.S.). Ad Hoc Committee on the Relationship between Land Ice and Sea Level (1985), *Glaciers, ice sheets, and sea level: effect of a CO<sub>2</sub>-induced climatic change : report of a workshop held in Seattle, Washington, September 13-15, 1984*, *Tech. rep.*, Office of Energy Research / Office of Basic Energy Sciences / Carbon Dioxide Research Division, Washington.

- National Snow and Ice Data Center (Ed.) (1996), *Annual report 1996*, 25 pp., NSIDC.
- Nationalpark Hohe Tauern (s.a.), *Gletscherweg zum Ödenwinkelkees (Stubachtal, Hohe Tauern)*.
- Nationalparkverwaltung Salzburg (Ed.) (2006), *Nationalpark Hohe Tauern – Das Magazin*, 24 pp., Nationalpark Hohe Tauern.
- Natter, T. (Ed.) (2009), *Schnee: Rohstoff der Kunst*, Vorarlberger Landesmuseum, Bregenz, pp. 312.
- Navarro, R. (2015), *Internship report*, WGMS, University of Zurich, RWTH Aachen University.
- Nebel, K. (2013), *Internship report*, WGMS, University of Zurich.
- Nesje, A. (1995), *Brelaere*, Norwegian Academic Press, Kristiansand, pp. 124.
- Niedermoser, B. (Ed.) (2011), *Sonnblick - Observatory above the clouds: Scientific research activities 2011*, 47 pp., ZAMG, (translation from German to English by Jeffrey McCabe).
- Nötzli, J. (2003), *Felsstürze aus Permafrost über Gletscher. Ansätze zur GIS-basierten Modellierung*, Diploma Thesis. Geographisches Institut Universität Zürich.
- Nötzli, J., and M. Zemp (2000), *Semesterarbeit zu Murganggefahr und Klimänderungen – ein GIS-basierter Ansatz*, Vorbereitungsseminar Morphologiepraktikum Alpen.
- Nussbaumer, S., P. Deline, C. Vincent, and H. J. Zumbühl (Eds.) (2012), *Mer de glace. Art & science*, 187 pp., Editions Esopé, Chamonix.
- Nutz, M. (s. a.), *Blockgletscherweg Dösener Tal*, Nationalpark Hohe Tauern.
- NVE (1967-1998), *Glasiologiske undersøkelser i Norge 1966 - 1997*, Hydrologisk Avdeling, Oslo, missing editions: 1973, 1985-1989.
- NVE (1978), *Materialtransportundersøkelser i Norske Bre-Elver 1977*, 69 pp., Vassdragsdirektoratet / Hydrologisk Avdeling, Oslo.
- NVE (2003-2016), *Glaciological investigations in Norway 2002 - 2015*, Norwegian Water Resources and Energy Directorate, Oslo, missing edition: 2007.
- NVE (2008), Abstracts, in *Workshop on mass balance measurements and modelling*, p. 101, NVE, Skeikampen.
- NVE, Hydrology Department (Ed.) (1985), *Selection of norwegian glacier maps*, NVE, Hydrology Department, distributed at Second International Symposium on Glacier Mapping and Surveying.
- Obleitner, F., and O. B. Olesen (1995), Mass balance and related topics of the Greenland ice sheet, *Tech. rep.*, Geological Survey of Greenland, Copenhagen.
- OcCC (Ed.) (2002), *Das Klima ändert - auch in der Schweiz: Die wichtigsten Ergebnisse des dritten Wissensstandsberichts des IPCC aus der Sicht der Schweiz*, 48 pp., Organe consultatif sur les changements climatiques.
- OcCC (Ed.) (2003), *Extremereignisse und Klimaänderung*, 88 pp., Organe consultatif sur les changements climatiques.
- OcCC (2006), *Jahresbericht 2006*, Organe consultatif sur les changements climatiques.

- OcCC (2008), *Das Klima ändert - was nun? Der neue UN-Klimabericht (IPCC 2007) und die wichtigsten Ergebnisse aus Sicht der Schweiz*, 47 pp., Organe consultatif sur les changements climatiques.
- OcCC/ProClim (Ed.) (2007), *Klimaänderung und die Schweiz 2050 - Erwartete Auswirkungen auf Umwelt, Gesellschaft und Wirtschaft*, 168 pp., OcCC/ProClim.
- OeAV (2005), *Bedrohte Alpengletscher; alpine Raumordnung Nr. 27*, 73 pp., Österreichischer Alpenverein, Innsbruck, 74 pp.
- OeAV (2007), *Salzburger Alpenvereinsnachrichten*, 204-205, Österreichischer Alpenverein, Jahrgang 53 Heft 204 und 205.
- Oerlemans, J. (2008), *Minimal glacier models*, 90 pp., Igitur, Utrecht Publishing & Archiving Services, Utrecht.
- Ommanney, C. S. L. (1970), *Glacier Inventory of Steacie Ice Cap Area (79N, 90W), Axel Heiberg Island, N.W.T.*, 65, United Nations Educational, Scientific and Cultural Organization, department of Energy, Mines and Resources.
- Ommanney, C. S. L. (1973), *The I.H.D. World Glacier Inventory*, Environment Canada.
- Ommanney, C. S. L. (1974), *The IHD world glacier inventory*, Environment Canada, Environmental Management.
- Orheim, O. (1972), *A 200-year record of glacier mass balance at Deception Island, southwest Atlantic Ocean, and its bearing on models of global climatic change*, 118 pp. pp., Institute of Polar Studies, Columbus.
- Østrem, G., and M. Brugman (1991), *Glacier mass-balance measurements - a manual for field and office work*, 224 pp., Norwegian Water Resources and Energy Administration NVE.
- Østrem, G., and A. Stanley (1966), *Glacier mass balance measurements, a manual for field work. A guide to field officers and assistants with limited background in glaciology*, Department of Mines and Technical Surveys, Glaciology Section, Ottawa, Canada.
- Ostrem, G., and A. Stanley (1966), *Glacier Mass Balance Measurements. A Manual for Field Work*, Department of Energy, Mines and Resources, Ottawa, 81 pp.
- Østrem, G., N. Haakensen, and O. Melander (1973), *Atlas over breer i Nord-Skandinavia*, 315 pp., Norges vassdrags- og elektrisitetsvesen, Oslo.
- Østrem, G., K. Tandberg, and K. D. Selvig (1988a), *Atlas over breer i Sør-Norge: Atlas of glaciers in south Norway: revidert utgave utarbeidet på grunnlag av flybilder tatt i perioden 1969-1986*, Vassdragsdirektoratet.
- Østrem, G., K. D. Selvig, and K. Tandberg (1988b), *Atlas over breer i Sør-Norge*, 249 pp., Norges vassdrags- og energiverk, vassdragsdirektoratet, Oslo.
- Paneri, V. (2011), *Dizionario di glaciologia e nivologia*, Servizio glaciologico lombardo, Milano, 120 pp.
- Parla, A. (2019), *WGMS Internship report*, WGMS, University of Zurich.
- Paszkowski, A. (2009), *World of Work Report*, WGMS, University of Zurich.



- Paterson, W. S. B. (1981), *The physics of glaciers*, Pergamon Press, Oxford, 380 pp.
- Patriarca, E., and P. Tournier (2010), *Menace sur Saint-Gervais*, 112 pp., éditions catapac, Perpignan.
- Paul, F. (2003), *The New Swiss Glacier Inventory 2000. Application of Remote Sensing and GIS*, PhD Thesis. Geographisches Institut der Universität Zürich, Zürich, 194 pp.
- Paul, F. (2006), *The New Swiss Glacier Inventory 2000 – Application of Remote Sensing and GIS*, Geographisches Institut der universität Zürich, Zürich, 194 pp.
- Paul, F., and GlobGlacier author team (2008), *GlobGlacier Technical Specifications (TS)*, 67 pp., ESA.
- Perez, S. (2005), *Atlas climatológico de Colombia*, 219 pp., Instituto de hidrología, meteorología y estudios ambientales (IDEAM), Colombia.
- PERMOS (2019), *Permafrost in Switzerland 2014/2015 to 2017/2018*, Noetzli, J., Pellet, C. and Staub, B. ed., 104 pp., Glaciological Report Permafrost No. 16–19 of the Cryospheric Commission of the Swiss Academy of Sciences.
- Pertziger, F. I. (Ed.) (1996), *Abramov glacier data reference book: climate, runoff, mass balance*, 279 pp., Bavarian Academy of Science.
- Petzl Foundation (Ed.) (2008), *Technical manual: safety training in mountain - glacier travel - crevasse rescue*, 16 pp., La Chamoniarde, Fondazione Montagna Sicura, Petzl Fondation.
- Pfeffer, W. T. (2007), *The opening of a new landscape - Columbia Glacier at mid-retreat*, vol. 59, 95 pp., American Geophysical Union, Washington, D. C.
- Placereani, I. (2011), *Stand des Wissens zur Verbreitung und Änderung der Gletscher und Eiskappen – Eine Rezension der vier IPCC Assessment Reports*, Bachelor Thesis. Geographisches Institut der Universität Zürich.
- Posada, C. C., C. Patricia, and M. Pineda (2010), *Sistemas morfogénicos del territorio colombiano*, 252 pp., Imprenta Nacional de Colombia, Bogotá.
- Post, A., and E. R. LaChapelle (2000), *Glacier Ice*, 145 pp., University of Washington Press, Seattle.
- Post, A., D. Richardson, W. V. Tangborn, and F. E. Rosselot (1971), *Inventory of glaciers in the North Cascades, Washington*, 28 pp. pp., U. S. Geological Survey, Washington.
- Prinz, R. (2008), *Internship report*, WGMS, University of Zurich.
- PSFG (1967), *Fluctuations of Glaciers 1959-1965*, vol. 1 ed., 52 pp., IAHS (ICSI) / UNESCO, Permanent Service on Fluctuations on Glaciers, Zurich, Switzerland.
- PSFG (1973), *Fluctuations of Glaciers 1965-1970 (Vol.II)*, 357 pp., IAHS (ICSI) / UNESCO, Permanent Service on Fluctuations on Glaciers, Zurich, Switzerland.
- PSFG (1977), *Fluctuations of Glaciers 1970-1975 (Vol.III)*, 269 pp., IAHS (ICSI) / UNESCO, Permanent Service on Fluctuations on Glaciers, Zurich, Switzerland.
- PSFG (1985), *Fluctuations of Glaciers 1975-1980 (Vol. IV)*, 265 pp., IAHS (ICSI) / UNESCO, Permanent Service on Fluctuations on Glaciers, Zurich, Switzerland.

- Rabatel, A. (2015), *Apports d'une approche combinant mesures in situ et télédétection optique pour le suivi des glaciers de montagne : cas des Andes tropicales et des Andes occidentales*, Diplôme d'Habilitation à Diriger des Recherches. Université de Grenoble, Grenoble, France.
- Raina, V. K., and D. Srivastava (Eds.) (2008), *Glacier atlas of India*, 315 pp., Geological Society of India, Bangalore.
- Raissig, A. (2008), *Internship report*, WGMS, University of Zurich, Ministerio de Agricultura, Instituto Nacional de Recursos Naturales.
- Ramp, A. (2016), *Volumenänderung am Oberaargletscher seit 1851 basierend auf historischen und modernen geodätischen Überwachungsmethoden*, Master Thesis. Geographisches Institut der Universität Zürich, Zürich, 123 pp.
- Rasmussen, L. A., and M. F. Meier (1985), *Surface topography of the lower part of Columbia Glacier, Alaska*, 63 pp., United States Government Printing Office, Washington.
- Raulin, D. (2011), *Raum-zeitlicher Vergleich von geodätischen Massenbilanzmessungen anhand zweier Gletscherinventare*, Johannes Gutenberg-Universität, Mainz, WGMS.
- Raymond, M., M. Wegmann, and M. Funk (2003), *Inventar gefährlicher Gletscher in der Schweiz*, Mitteilungen der Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie an der Eidgenössischen Technischen Hochschule Zürich, 368 pp., Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der Eidgenössischen Technischen Hochschule Zürich, Zürich.
- Rebetez, M. (2006), *Helvetien im Treibhaus. Der weltweite Klimawandel und seine Auswirkungen auf die Schweiz*, Haupt Verlag, Bern, 149 pp.
- Reeh, N. (1995), *Report on activities and results 1993-1995 for Hans Tausen ice cap project - glacier and climate change research, North Greenland*, 52 pp., Danish Polar Center.
- Regio Basiliensis (1980), *Regio Basiliensis – Geomorphologie, aktuelle Prozessforschung*, Basler Zeitschrift für Geographie XXI/3, Basel, 80 pp.
- Renaud, A. (s.a.), *Schweizer Gletscher. Schweizer Heimatbücher*, Verlag Paul Haupt, Bern, 48 pp.
- René, P. (2013), *Glaciers des Pyrénées - Le réchauffement climatique en images*, 166 pp., Éditions CAIRN, Pau, France.
- Renner, F. (1982), *Beiträge zur Gletschergeschichte des Gotthardgebietes und Dendroklimatologische Analysen an fossilen Hölzern*, Geographisches Institut der Universität Zürich, Zürich, pp. 180.
- Renner, S. (2002), *Veränderung des Hüfigletschers von 1760 bis heute*, Kantonschule Luzern, Luzern, 16 pp.
- Reynard, E. (2003), *Tsanfleuron, entre roche et glace*, Commission culturelle de SaviÅse, SaviÅse, 64 pp.
- Ribstein, P., B. Francou, A. Coudrain-Ribstein, and P. Mourguiart (Eds.) (1995), *Eaux, glaciers & changements climatiques dans les Andes tropicales*, *Bulletin de l'Institut français d'Études Andines*, vol. 24, 3 ed., Institut français d'études andines (IFEA), Lima, Peru.
- Rivera, A., F. Bown, F. Napoleoni, C. Muñoz, and M. Vuille (2016), *Balance de Masa Glaciar*, 203 pp., Ediciones CECs, Valdivia, Chile.

- Rosqvist, G. (1988), *Annual Report 1987 Tarfala Research Station*, 103 pp., University of Stockholm, Department of Geography, Stockholm.
- Rundquist, D. C. (1978), The use of Landsat digital information for assessing glacier inventory parameters: an evaluation, *Tech. rep.*, Remote Sensing Applications Laboratory, Department of Geopgraphy / Geology, University of Nebraska at Omaha, Omaha, Nebraska.
- Russian Academy of Sciences (2010-2016), *Ice and Snow*, Glaciological Association / Nauka, pubs. 109-130; 2&3 in 2015; 1-4 in 2016. Way of counting issues has changed since 2016.
- Salvatori, V. (Ed.) (2008), *Terrestrial observations of our planet: Biennial report 2008/09 [GTOS 73]*, 43 pp., WMO, UNESCO, UNEP, ICSU, FAO.
- SANW, BUWAL (Ed.) (2001), *Umweltbeobachtung: Für wen? Wozu? Bericht der nationalen Tagung 14. März 2001 in Bern*, 36 pp., SANW, BUWAL.
- Schädler, L. (2018), Irene Kopelman. On Glaciers and Avalanches. Glaziologische Spurenlese, in *NSL Kolloquium: Schmelzende Landschaften, organisiert von der Professur Christoph Girod, Institut für Landschaftsarchitektur, D-ARCH, ETH Zürich, und dem Netzwerk Stadt und Landschaft NSL*.
- Scherler, K. E. (1980), Report on World Glacier Inventory, Status December 1980, *Tech. rep.*, Temporary Technical Secretariat for World Glacier Inventory, International Commission on Snow and Ice, ETH Zürich.
- Scherler, K. E. (1982), Global Environment Monitoring System, Climate-Related Monitoring, Subproject 4, World Glacier Inventory, Annual Report, Status: December 1982, *Tech. rep.*, UNESCO, UNEP and Swiss Federal Institute of Technology, International Commission on Snow and Ice, ETH Zürich.
- Scherler, K. E. (1983), *Guidelines for preliminary glacier inventories*, Temporary Technical Secretariat for World Glacier Inventory, International Commission on Snow and Ice, Department of Geopgraphy, Swiss Federal Institute of Technology, ETH Zürich.
- Schmidt, K.-H., M. Becht, E. Brunotte, B. Eitel, and L. Schrott (Eds.) (2005), *Geomorphology in Environmental Applications*, vol. 138, 238 pp., Annals of Geomorphology, Verlag Gebrüder Borntraeger, Stuttgart.
- Schneebeli, W., and F. Röthlisberger (1976), *8000 Jahre Walliser Gletschergeschichte: Ein Beitrag zur Erforschung des Klimaverlaufs in der Nacheiszeit*, 152 pp., Schweizer Alpen Club, Zürich, pp. 152, Bern.
- Schneider-Sliwa, A., H. Elsasser, J. Racine, and T. Mosimann (Eds.) (2008), *Geographica Helvetica 63(3)*, Schweizerische Zeitschrift für Geographie, Zürich, 215 pp.
- Schnyder, B. (2009), *Massenbilanz Hohwänggletscher*.
- Schöneberger, F. (2007), *Analyse der weltweiten räumlichen Verteilung von Massenbilanzgradienten*, Geographisches Institut der Universität Zürich, bachelor thesis.
- Schweiz Grün (Ed.) (1983), *Das Gelbe Heft: Gletscher*, Geographisches Institut der ETH, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der ETH.
- Schweizer Lexikon and Gletscherkommission der Schweizerischen Akademie der Naturwissenschaften (Ed.) (1993), *Gletscher, Schnee und Eis: das Lexikon zu Glaziologie, Schnee- und Lawinenforschung in der Schweiz*, Schweizer Lexikon Mengis+Ziehr, Luzern, 102 pp.

- Schweizerische Bauzeitung (Ed.) (1968), *Robert Haefeli zu seinem 70. Geburtstag gewidmet*, vol. 31, Schweizerische Bauzeitung.
- Schweizerische Gesellschaft für Hydrologie und Limnologie SGHL und Hydrologische Kommission CHy (Ed.) (2011), *Auswirkungen der Klimaänderung auf die Wasserkraftnutzung - Synthesenbericht*, 26 pp., Beiträge zur Hydrologie der Schweiz.
- Schweizerische Kommission für Klima- und Atmosphärenforschung (CCA) (Ed.) (1987), *Klima-unsere Zukunft?*, Kümmerly+Frej, Basel, pp. 165.
- Schweizerische Verkehrszentrale (Ed.) (1975), *Gletscher*, 50 pp., Schweizerische Verkehrszentrale, Zürich.
- Schweizerische Verkehrszentrale (Ed.) (1979), *Die Schweiz und ihre Gletscher*, Kümmerly+Frej, Bern, 191 pp.
- Secchieri, F. (1980), *Indagine glaciologica su due ghiacciai dell'alto adige: la vedretta occidentale di ries (Val di Riva), e la vedretta alta (Val Martello)*, 156 pp., Galleria Rhodigium, Rovigo.
- Secretaría de Ambiente y Desarrollo Sustentable de la Nación (2019), *Atlas de glaciares de la Argentina*, 224 pp., Ciudad Autónoma de Buenos Aires, Argentina.
- Seiz, G., and N. Foppa (2007a), *Système national d'observation du climat (GCOS Suisse)*, 90 pp., MétéoSuisse and ProClim.
- Seiz, G., and N. Foppa (2007b), *Nationales Klima-Beobachtungssystem*, 92 pp., MeteoSchweiz/ProClim.
- Seiz, G., and N. Foppa (2007c), *National Climate Observing System (GCOS Switzerland)*, 92 pp., MeteoSwiss / ProClim.
- Servicio Glaciologico Lombardo (Ed.) (2009), *Terra glacialis - 13*, Servizio Glaciologico Lombardo, Milano, 66 pp.
- Servicio Glaciologico Lombardo (Ed.) (2009), *Terra glacialis - 12*, Servizio Glaciologico Lombardo, Milano, 63 pp.
- Sessa, R. (2008), Terrestrial observations of our planet: biennial report, *Tech. rep.*, GTOS.
- Sessa, R., and H. Dolman (Eds.) (2008), *Terrestrial essential climate variables: for climate change assessment, mitigation and adaptation*, 39 pp., Cooperazione Italiana, WMO, UNESCO, UNEP, ICSU, FAO.
- Sharov, A. I. (Ed.) (2010), *Satellite monitoring and regional analysis of glacier dynamics*, 100 pp., Joanneum Research.
- Sharp, R. P. (1960), *Glaciers*, 78 pp., University of Oregon Press, Eugene.
- Sigurdsson, O., and R. S. Williams (2008), *Geographic names of Iceland's glaciers: historic and modern*, 225 pp., U.S. Geological Survey, Reston, Virginia.
- Simmons, A. et al. (2015), *Status of the Global Observing System for Climate*, World Meteorological Organization, World Meteorological Organization Chairperson, Publications Board 7 bis, Avenue de la Paix P.O. Box 2300 1211 Geneva-2 Switzerland.
- Slupetzky, H. (1988), *Gletscherweg Obersulzbachtal*, Österreichischer Alpenverein, Innsbruck, 80 pp.

- Smiraglia, C. (Ed.) (2017a), *Itinerari glaciologici sulle montagne italiane. Vol. 1 - Capitoli tematici*, Comitato Glaciologico Italiano.
- Smiraglia, C. (Ed.) (2017b), *Itinerari glaciologici sulle montagne italiane. Vol. 2 - Dalle Alpi Marittime all'Alpe Veglia*, Comitato Glaciologico Italiano.
- Smiraglia, C. (Ed.) (2017c), *Itinerari glaciologici sulle montagne italiane. Vol. 3 - Dal Ghiacciaio della Ventina al Calderone*, Comitato Glaciologico Italiano.
- Smiraglia, C., and G. Diolaiuti (Eds.) (2015), *Il Nuovo Catasto dei Ghiacciai Italiani – The new Italian Glacier Inventory*, 400 pp., Università degli Studi di Milano. Ev-K2-CNR, Bergamo.
- Smiraglia, C., M. Pelfini, and G. Casartelli (1995), *Sentiero glaciologico del centenario*, Comitato scientifico centrale del CAI, Milano, pp. 64.
- Snyder, E. F. (1996), Bibliography of glacier studies by the U.S. Geological Survey, *Geological Survey Open-File Report, 95-723*, 35 pp.
- Soruco Sologuren, A. (2012), *Medio siglo de fluctuaciones glaciares en la Cordillera Real y sus efectos hidrológicos en la ciudad de La Paz*, 227 pp., Institut de recherche pour le développement, La Paz.
- Souchez, R., A. Lambotte, and M. Lemmens (1995), *Tsanfleuron*, Commission culturelle de Savièse, Savièse, 64 pp.
- Span, N., A. Fischer, M. Kuhn, M. Massimo, and M. Butschek (2005), *Radarmessungen der Eisdicke Österreichischer Gletscher. Band I: Messungen 1995 bis 1998*, 33, 145 pp., Zentralanstalt für Meteorologie und Geodynamik.
- Stainsby, M. (2012), *Internship report*, WGMS, University of Zurich.
- Stocker, T., Q. Dahe, G. K. Plattner, M. Tignor, S. Allen, and P. Midgley (2010), *IPCC workshop on sea level rise and ice sheet instabilities*, 227 pp., IPCC, Kuala Lumpur.
- Stolz, A. (2004), *Internship report*, WGMS, University of Zurich.
- Strasser, S., and Würker (1998), *Schnee und Eis*, Heyne Verlag, München, pp. 280.
- Stumm, D. (2010), *The Mass Balance of Glaciers of the Southern Alps in New Zealand*, Ph.D. thesis, University of Otago, Dunedin, New Zealand.
- Stumm, D., S. P. Joshi, N. Salzmann, and S. MacDonell (2017), *In situ monitoring of mountain glaciers: experiences from mountain ranges around the world and recommendations for the Hindu Kush Himalaya*, ICIMOD Working Paper 2017/7. International Centre for Integrated Mountain Development (ICIMOD), Kathmandu, 16 pp.
- Sugden, D. E., and B. S. John (1976), *Glaciers and Landscape*, Edward Arnold, London, 376 pp.
- Swedish Society for Anthropology and Geography (Ed.) (2014), *Sedimentary fluxes and budgets in different climatic environments*, *Geografiska Annaler: Series A, Physical Geography*, vol. 96, Sweden.
- Swiss Foundation for Landscape Conservation (Ed.) (1999), *Nature Trail Gletsch – A walk through the foreland of the Rhone glacier in five steps*, Nature Trail Concept and Publisher, Bern, 16 pp.

- Swithibank, C., R. S. Williams, J. G. Ferrigno, B. A. Seekins, B. K. Lucchitta, and C. E. Rosanova (1997), *Coastal-change and glaciological map of the Bakutis coast, Antarctica: 1972-1990*, U.S. Geological Survey.
- Syke, T., and V. Hattersley (Eds.) (2015), *Water, People and Cooperation: 50 years of water programmes for sustainable development at UNESCO*, United Nations Educational, Scientific and Cultural Organization.
- Tarr, R. S. (1907), Recent advance of glaciers in the Yakutat Bay region, Alaska, *Bulletin of the Geological Society of America*, 18, 257–286.
- Taylor, A. (1956a), *Physical Geography of the Queen Elisabeth Islands, Canada*, vol. 10 (Axel Heiberg Island), American Geographical Society, contract No. Nonr-1070(00).
- Taylor, A. (1956b), *Physical Geography of the Queen Elisabeth Islands, Canada*, vol. 2 (Glaciology), American Geographical Society, contract No. Nonr-1070(00).
- Temporary Technical Secretariat for World Glacier Inventory (1978a), *International workshop on World Glacier Inventory, 17 -22 September 1978, Aletsch Center, Switzerland*, Excursion, ETH Zürich.
- Temporary Technical Secretariat for World Glacier Inventory (1978b), *New bassin numbering, glacier inventory of Canada, tentative designations to conform with identification / glacier number*, Ottawa, Ontario, Canada.
- Temporary Technical Secretariat for World Glacier Inventory, International Commission on Snow and Ice (Ed.) (1978), *International Workshop on World Glacier Inventory, 17-22 September 1978, Aletsch Center, Switzerland*, Programme - Abstract, Aletsch Center, Switzerland.
- Territorial agency for exploitation of mineral resources RNO-Alania, Univ.of Zurich, DEZA (Ed.) (2006), *Proceedings of the international conference on high mountain hazard prevention, Vladikavkaz Moscow, June 23-24, 2004*, 271 pp., Territorial agency for exploitation of mineral resources RNO-Alania, University of Zurich, Direktion für Entwicklung und Zusammenarbeit.
- The Geographical Society of China; Careeri, Chinese Academy of Sciences (Ed.) (2004), *Journal of Geocryology*, vol. 24-26, Science Press, starting with Volume 24/2 until 26/1.
- Thomsen, H. H. (1983), *Glaciologiske undersøgelser ved pãkitsub ilordlia 1982 Ilulissat/Jacobshavn*, vol. 83, 3, Gletscher-Hydrologiske Meddelelser, Grønlands Glaciologiske undersøgelse.
- Thomsen, H. H., and P. S. Madsen (1985), *Radio ekko målinger af inlandsisens randzone i disko bugt området 1984*, vol. 85, 1, Gletscher-hydrologiske meddelelser, The Geological Survey of Greenland.
- Townshend, J. R., et al. (2008), *Integrated Global Observations of the Land: an IGOS-P Theme*, 72 pp., GTOS.
- Trombotto, D., and R. Villalba (2002), *IANIGLA, 30 años de investigación básica y aplicada en ciencias ambientales*, 269 pp., Instituto Argentino de Nivología, Glaciología y Ciencias Ambientales, Mendoza.
- Trösch, J., M. Baltis, and J. Neuenchwander (2001), *Communicating in print: Handbuch für die Realisation von Printmedien*, 269 pp., Werd-Verlag, Zürich.
- UIAA (Ed.) (2013), *Mémento montagne été*, 379 pp., Union internationale des associations d'alpinisme (UIAA), Bern.

- UNEP (2007), *Global outlook for ice and snow*, 235 pp., UNEP / GRID, Arendal.
- UNEP (Ed.) (2011), *UNEP Year Book 2011: Emerging issues in our global environment*, 79 pp., United Nations Environment Programme.
- UNEP (Ed.) (2012a), *Policy implications of warming permafrost*, 30 pp., UNEP.
- UNEP (Ed.) (2012b), *UNEP Year Book 2012: Emerging issues in our global environment*, 68 pp., United Nations Environment Programme.
- UNESCO (Ed.) (2006), *A World Climate Research Programme Workshop and a WCRP contribution to the Global Earth Observation System of Systems*, 192 pp., World Climate Research Programme, Paris.
- UNESCO, IASH (Ed.) (1969), *Variations of existing glaciers - A contribution to the International Hydrological Decade*, 19 pp., UNESCO.
- UNESCO, IASH (Ed.) (1970), *Perennial ice and snow masses - A contribution to the International Hydrological Decade*, 59 pp., UNESCO.
- UNESCO, IASH, WMO (Ed.) (1970), *Seasonal snow cover - A contribution to the International Hydrological Decade*, 38 pp., UNESCO, Paris.
- UNESCO, SCOR, IGBP, IAEA (Ed.) (2009), *A summary for policymakers from the second symposium on the ocean in a high-CO<sub>2</sub> world*, 7 pp., UNESCO, SCOR, IGBP, IAEA.
- UNESCO, WMO, ICSU (Ed.) (2006), *A world climate research programme workshop and a WCRP contribution to the global earth observation system of systems - poster abstracts*, 52 pp., World Climate Research Programme.
- United States Environment Protection Agency (2014), *Climate changes indicators in the United States 2014*, *Tech. rep.*, EPA.
- United States Environment Protection Agency (2016), *Climate changes indicators in the United States 2016*, *Tech. rep.*, EPA, fourth edition.
- Universität Innsbruck (1949-2000), *Zeitschrift für Gletscherkunde und Glazialgeologie*, Universitäts-Verlag Wagner, Innsbruck.
- Universität Innsbruck (2013), *Zeitschrift für Gletscherkunde und Glazialgeologie. Gletscherforschung am Vernagtferner. Themenband zum fünfzigjährigen Gründungsjubiläum der Kommission für Glaziologie der Bayerischen Akademie der Wissenschaften, München*, Band 45/46 (2011/12). Universitäts-Verlag Wagner, Innsbruck.
- University of Melbourne (Ed.) (1972), *Carstensz glaciers expedition, 1971/72*, 15 pp., University of Melbourne.
- Uribe, F. L. (2009), *La Tadeo. Calentamiento global. Más ciencia, mejores políticas*, 208 pp., Universidad Jorge Tadeo Lozano, Bogotá.
- Van der Meer, J. (1998), *Gletscher und Eis*, Parkland Verlag, Köln, pp. 80.
- Varela, B., and G. Barcaza (Eds.) (2014), *Glaciares de Chile*, Dirección General de Aguas, Ministerio de Obras Públicas, Gobierno de Chile. Santiago de Chile, 98 pp.
- Vatnajökull National Park (2017), *A natural laboratory to study climate change*, Brochure.

- Verkehrszentrale, Z. S. (1981), *Die Schweiz und ihre Gletscher*, Kümmerly und Frey.
- Vivian, R. (1975), *Les Glaciers des Alpes Occidentales*, 513 pp., Imprimerie Allier, Grenoble.
- Vögeli, H., and P. Vaney (Eds.) (1977), *Die Alpen, Jahrgang 53*, Schweizer Alpen-Club, Bern, 192 pp.
- Voigt, T., H.-M. Füssel, I. Gärtner-Roer, C. Huggel, C. Marty, and M. Zemp (2010), *Impacts of climate change on snow, ice, and permafrost in Europe: Observed trends, future projections, and socio-economic relevance*, 117 pp., European Topic Centre on Air and Climate Change (ETC/ACC).
- Volken, M., J. Alean, B. Leuthold Hasler, and L. Albrecht (2016), *Aletsch – Der grösste Gletscher der Alpen*, 206 pp., AS Verlag & Buchkonzepte AG, Zürich.
- von Albedyll, L. (2017), *WGMS Internship report*, WGMS, University of Zurich.
- Vörösmarty, C. J., P. A. Davidsson, M. A. K. Muir, and R. W. Sandford (Eds.) (2014), *Motivating Research on the Science Communications Front*, workshop summary.
- Wäger, P. (2006), "State of Fear" – fact or fiction?, Bachelor Thesis. Physische Geographie, Geographisches Institut der Universität Zürich.
- Wanner, H. (2009), *Vom Holozän zum Anthropozän*, Humboldt-Universität zu Berlin, Philosophische Fakultät II.
- Wanner, H., D. Gyalistras, J. Luterbacher, R. Rickli, E. Salvisberg, and C. Schmutz (2000), *Klimawandel in Schweizer Alpenraum*, vdf Hochschulverlag an der ETH, Zürich, pp. 285.
- WCRP (2009a), WCRP implementation plan 2010-2015, *Tech. rep.*
- WCRP (2009b), The World Climate Research Programme achievements: Scientific knowledge for climate adaptation, mitigation and risk management, *Tech. rep.*
- Weidick, A. (1985), *The ice cover of Greenland, Gletscher-Hydrologiske Meddelelser*, vol. 85, 4, Grønlands Geologiske Undersøgelse.
- Weidick, A. (1988), Surging glaciers in Greenland - a status, *Rapp. Grønlands geol. Unders.*, 140, 106–110.
- Weidick, A. (1995), *Satellite image atlas of glaciers of the world: Greenland*, 141 pp., United States Government Printing Office, Washington.
- Weidick, A., and H. H. Thomsen (1983a), *Glaciologiske undersøgelser Frederikshåb/Pâmiut 1982*, vol. 83, 6, Gletscher-Hydrologiske Meddelelser, Grønlands Glaciologiske undersøgelse.
- Weidick, A., and H. H. Thomsen (1983b), *Lokalgletschere og Inlandsisens rand i forbindelse med udnyttelse af vandkraft i bynære bassiner*, vol. 83, 2, Gletscher-hydrologiske meddelelser, Grønlands geologiske undersøgelse.
- Weidick, A., C. E. Boggild, and J. T. Knudsen (1992), *Glacier inventory and atlas of West Greenland*, vol. Rapport 158, 194 pp., Grønlands Geologiske Undersøgelse, Copenhagen.
- Weingartner, H., H. Laimer, and R. Türk (2006), *Lehrpfad Hallstätter Gletscher*, Land Oberösterreich, Salzburg, pp. 123.



- Wetter, W. (1987), *Spät- und postglaziale Gletscherschwankungen im Mont Blanc-Gebiet: Untere Vallée de Chamonix - Val Montjoie*, Physische Geographie, Vol. 22. Geographisches Institut der Universität Zürich, 267 pp.
- WGMS (1988), *Fluctuations on Glaciers 1980-1985 (Vol. V)*, 290 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (1989), *World Glacier Inventory - Status 1988*, 458 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (1991), *Glacier Mass Balance Bulletin No. 1 (1988-1989)*, 70 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (1993a), *Glacier Mass Balance Bulletin No. 2 (1990-1991)*, 74 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (1993b), *Fluctuations of Glaciers 1985-1990 (Vol. VI)*, 322 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (1994), *Glacier Mass Balance Bulletin No. 3 (1992-1993)*, 80 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (1995), *Into the second century of worldwide of worldwide glacier monitoring: prospects and strategies*, Unesco publishing, pp. 227.
- WGMS (1996), *Glacier Mass Balance Bulletin No. 4 (1994-1995)*, 90 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (1998), *Fluctuations of Glaciers 1990-1995 (Vol. VII)*, 296 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (1999), *Glacier Mass Balance Bulletin No. 5 (1996-1997)*, 96 pp., IAHS (ICSI) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2001), *Glacier Mass Balance Bulletin No. 6 (1998-1999)*, 93 pp., IAHS (ICSI) / UNEP / UNESCO / WMO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2003), *Glacier Mass Balance Bulletin No. 7 (2000-2001)*, 87 pp., IAHS (ICSI) / UNEP / UNESCO / WMO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2005a), *Fluctuations of Glaciers 1995-2000 (Vol. VIII)*, 288 pp., IUGG (FAGS) / IUGG (CCS) / UNEP / UNESCO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2005b), *Glacier Mass Balance Bulletin No. 8 (2002-2003)*, 100 pp., IUGG (CCS) / UNEP / UNESCO / WMO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2007), *Glacier Mass Balance Bulletin No. 9 (2004-2005)*, 100 pp., ICSU (FAGS) / IUGG (IACS) / UNEP / UNESCO / WMO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2008a), *Fluctuations of Glaciers 2000-2005 (Vol. IX)*, 266 pp., ICSU (FAGS) / IUGG (IACS) / UNEP / UNESCO / WMO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2008b), *Global Glacier Changes: facts and figures*, 88 pp., UNEP / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2009), *Glacier Mass Balance Bulletin No. 10 (2006-2007)*, 96 pp., ICSU (WDS) / IUGG (IACS) / UNEP / UNESCO / WMO / World Glacier Monitoring Service, Zurich, Switzerland.

- WGMS (2010), *Summary report on the WGMS General Assembly of the National Correspondents 2010*, 45 pp., World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2011), *Glacier Mass Balance Bulletin No. 11 (2008-2009)*, 102 pp., ICSU (WDS) / IUGG (IACS) / UNEP / UNESCO / WMO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2012), *Fluctuations of Glaciers 2005 - 2010 (Vol. X)*, 336 pp., ICSU (WDS) / IUGG (IACS) / UNEP / UNESCO / WMO / World Glacier Monitoring Service, Zurich, Switzerland.
- WGMS (2013), *Glacier Mass Balance Bulletin No. 12 (2010-2011)*, Zemp, M., S. U. Nussbaumer, K. Naegeli, I. Gärtner-Roer, F. Paul, M. Hoelzle, and W. Haeberli (Eds.), ICSU(WDS)/IUGG(IACS)/UNEP/UNESCO/WMO, World Glacier Monitoring Service, Zürich, 106 pp, doi:10.5904/wgms-fog-2013-11.
- WGMS (2015), *Global Glacier Change Bulletin No. 1 (2012-2013)*, Zemp, M., I. Gärtner-Roer, S. U. Nussbaumer, F. Hüsler, H. Machguth, N. Mölg, F. Paul, and M. Hoelzle (Eds.), ICSU(WDS)/IUGG(IACS)/UNEP/UNESCO/WMO, World Glacier Monitoring Service, Zürich, 230 pp, doi:10.5904/wgms-fog-2015-11.
- Williams, R. S., and J. G. Ferrigno (1988), *Satellite image atlas of glaciers of the world: Antarctica*, 278 pp., U. S. Government Printing Office, Washington.
- Williams, R. S., and J. G. Ferrigno (1989), *Satellite image atlas of glaciers of the world: Irian Jaya, Indonesia, and New Zealand*, 48 pp., U.S. Government Printing Office, Washington.
- Williams, R. S., and J. G. Ferrigno (1991), *Satellite image atlas of glaciers of the world: Glaciers of the Middle East and Africa*, 70 pp., U. S. Government Printing Office.
- Williams, R. S., and J. G. Ferrigno (1993), *Satellite image atlas of glaciers of the world: Europe*, 164 pp., United States Government Printing Office, Washington.
- Williams, R. S., and J. G. Ferrigno (2002), *Satellite image atlas of glaciers of the world: North America*, 405 pp., United States Government Printing Office, Washington.
- Williams, R. S., and J. G. Ferrigno (2010), *Satellite image atlas of glaciers of the world: Asia*, 349 pp., U. S. Government Printing Office, Washington.
- Williams, R. S., and J. G. Ferrigno (1997), Final report of the workshop on long-term monitoring of glaciers of North America and Northwestern Europe, *Tech. rep.*, University of Puget Sound, Tacoma.
- Winkler, S. (2002), *Von der "kleinen Eiszeit" zum "globalen Gletscherrückzug" – eignen sich Gletscher als Klimazeugen?*, Akademie der Wissenschaften und der Literatur, Mainz, 57 pp.
- Wipf, A. (1994), *Gletschergeschichtliche Untersuchungen im Hinteren Lauterbrunnental (BE)*, Geographische Institut der Universität Zürich, Zürich, 150 pp.
- Wipf, A. (1999a), *Die Gletscher der Berner, Waadtländer und nördlicher Walliser Alpen*, PhD Thesis. Geographisches Institut der Universität, Zürich, 295 pp.
- Wipf, A. (1999b), *Die Gletscher der Berner, Waadtländer und nördlichen Walliser Alpen: Eine regionale Studie über den Zeitraum Vergangenheit (Hochstand von 1850), Gegenwart (Ausdehnung im Jahr 1973) und Zukunft (Gletscherschwund-Szenarien, 21. Jhdt.)*, vol. 40, Institut für Geographie der Universität Zürich.

- WMO (Ed.) (1995a), *World Meteorological Organization Bulletin*, vol. 44, 109 pp., World Meteorological Organization.
- WMO (Ed.) (1995b), *World Meteorological Organization Bulletin - reprint*, vol. 44, 31 pp., WMO.
- WMO (Ed.) (1998), *The global climate system review December 1993-May 1996*, 95 pp., World Meteorological Organization.
- WMO (Ed.) (2002), *World Meteorological Organization Bulletin*, vol. 51, 104 pp., World Meteorological Organization.
- WMO (Ed.) (2003), *World Meteorological Organization Bulletin*, vol. 52, 214-332 pp., World Meteorological Organization.
- WMO, IOC, FAO, ICSU, UNESCO, UNEP (Ed.) (1997), *GHOST - Global hierarchical observing strategy*, 862, 11 pp., WMO.
- WMO, UNESCO, UNEP, ICSU (Ed.) (1997), *GCOS/GTOS plan for terrestrial climate-related observations version 2.0*, 130 pp., WMO, UNESCO, UNEP, ICSU.
- Wold, B., and L. Ryvarden (1996), *Jostedalsbreen: der grösste Gletscher Norwegens*, Boksenteret, Oslo, pp. 95.
- Wood, P. (1986), *The International Glaciological Society: fifty years of progress*, 128 pp., International Glaciological Society, Cambridge.
- Würmli, S. (2011), *Internship report*, WGMS, University of Zurich.
- Wymann von Dach, S., F. Bachmann, I. Alcántara-Ayala, S. Fuchs, M. Keiler, A. Mishra, and E. Sötz (Eds.) (2017), *Safer lives and livelihoods in mountains: making the Sendai Framework for Disaster Risk Reduction work for sustainable mountain development*, Centre for Development and Environment (CDE), University of Bern, with Bern Open Publishing (BOP), 78 pp, doi: 10.7892/boris.99068.
- Yafeng, S., L. Shiyin, Y. Baisheng, L. Chaohai, and W. Zongtai (Eds.) (2008), *Concise glacier inventory of China*, 205 pp., Shanghai Popular Science Press.
- Yamada, T. (1998), *Glacier lake and its outburst flood in the Nepal Himalaya*, 96 pp., Data center for glacier research, Japanese society of snow and ice.
- Yao, T., J. Ren, and B. Xu (Eds.) (2008), *Map of glaciers and lakes on the Tibetan plateau and adjoining regions*, Xi'an cartographic publishing house, China.
- Zeltner, N. (2013), *Geodätische Messungen der Dicken- und Volumenänderung von Gletschern*, Bachelor Thesis. Physische Geographie 3G, Geographisches Institut der Universität Zürich.
- Zeltner, N. (2016), *Using The Google Earth Engine For Global Glacier Change Assessment*, Master Thesis. Geographisches Institut der Universität Zürich, Zürich, 81 pp.
- Zemp, M. (2002a), *GIS-basierte Modellierung der glazialen Sedimentbilanz*, Diploma Thesis. Geographisches Institut der Universität Zürich.
- Zemp, M. (2002b), *ESRI Geoinformatik AG - Praktikumsbericht*, 20 pp., Universität Zürich, internship report.
- Zemp, M. (2002c), *GIS-gestützte Modellierung von glazialen Sedimenttransport*, personal notes.

- Zemp, M. (2006a), *Glaciers and climate change. Spatio-temporal analysis of glacier fluctuations in the European Alps after 1850*, 67 pp., Geographisches Institut der Universität Zürich, Schriftenreihe Physische Geographie 49.
- Zemp, M. (2006b), *Glaciers and Climate Change – Spatio-temporal Analysis of Glacier Fluctuations in the European Alps after 1850*, PhD Thesis. Mathematisch-naturwissenschaftliche Fakultät der Universität Zürich.
- Zemp, M. (2012), *The monitoring of glaciers at local, mountain, and global scale*, 73 pp., Geographisches Institut der Universität Zürich, Zürich.
- Zentral-Komitee S.A.C. (1911), *Klubhütten-Album des Schweizer Alpen-Club*, (Beilage zum Jahrbuch S.A.C. Bd. 46). Orell Füssli, Zürich, 120 pp.
- Zentralanstalt für Meteorologie und Geodynamik (1995), *Glaziologische Untersuchungen im Sonnblickgebiet: Forschungsprogramm Wurtenkreis*, Österreichische Beiträge zu Meteorologie und Geophysik Heft 12, Wien, 143 pp.
- Zhongqin, L. (Ed.) (2011), *Positioning observational study of glaciers in China for 50 years - Tienshan glacier observation station 50th anniversary collection of the Chinese Academy of Science*, 510, China Meteorological Press.
- Zhou, G. Z., Z. Y. Zhu, and J. B. Xia (Eds.) (2010), *Chinese science bulletin*, Science China Press, Springer.
- Zimmerli, P. (2003), *Naturkatastrophen und Rückversicherung*, 46 pp., SwissRe.
- Zinnenlauf, A. (2007), *"State of Fear" – fact or fiction?*, Physische Geographie, Geographisches Institut der Universität Zürich, bachelor thesis.
- Zoi Environment Network (Ed.) (2009), *Climate change in central Asia: a visual synthesis*, 79 pp., Zoi Environment.
- Zryd, A. (2001), *Les Glaciers*, Editions Pillet, Saint-Maurice, pp. 325.
- Zryd, A. (2008), *Eine kleine Geschichte der Gletscher. Die Alpengletscher im Klimawandel*, Haupt Verlag, Bern, 140 pp.  
11990
- Zumbühl, H. J., and H. Holzhauser (1990), *Alpengletscher in der kleinen Eiszeit. Katalog und C-Dokumentation*, Geographica Bernensia, Bern, 36 pp.