**Litteraturliste GEOV225/GEO341**

**Tema 1. Forvitring/blokkhav**

Anderson, R.S. og Anderson, S.P. (2010): Weathering. In: *Geomorphology. The mechanics and chemistry of landscapes*. Cambridge University Press. 637 pp.

Ballantyne, C.K. (2010): A general model for autochthonous blockfield evolution. *Permafrost and Periglacial Processes 21*, 289-300.

Fjellanger, J., Sørbel, L., Linge, H., Brook, E.J., Raisbeck G.M. og Yiou, F. (2006): Glacial survival of blockfields on the Varanger Peninsula, northern Norway. *Geomorphology 82*, 255-272.

Goodfellow, B.W., Fredin, O., Derron, M.-H. og Stroeven, A.P. (2008): Weathering processes and Quaternary origin of an alpine blockfield in Arctic Sweden. *Boreas 38*, 379-398.

Marquette, G.C., Gray, J.T., Gosse, J.C., Courchesne, F., Stockli, L., Macpherson, G. og Finkel, R. (2004): Felsenmeer persistence under non-erosive ice in the Torngat and Kaumajet mountains, Quebec and Labrador, as determined by soil weathering and cosmogenic nuclide exposure dating. *Canadian Journal of Earth Sciences 41*, 19-38.

Nesje, A., Dahl, S.O., Anda, E. og Rye, N. (1988): Blockfields in southern Norway: significance for the Late Weichselian ice sheet. *Norsk Geologisk Tidsskrift 68*, 149-169.

Paasche, Ø., Raukleiv Strømsøe, J., Dahl, S.O. og Linge, H. (2006): Weathering characteristics of arctic islands in northern Norway. *Geomorphology 82*, 430-452.

Staiger, J.K.W., Gosse, J.C., Johnson, J.V., Fastock, J., Gray, J.T., Stockli, D.F., Stockli, L. og Finkel, R. (2005): Quaternary relief generation by polythermal glacier ice. *Earth Surface Processes and Landforms 30*, 1145-1159.

**Tema 2. Nordfjord, deglasiasjon og holocene brevariasjoner**

Bakke, J., Lie, Ø., Heegaard, E., Dokken, T., Haug, G., Birks, H.H., Dulski, P. og Nilsen, T. (2009): Rapid oceanic and atmospheric changes during the Younger Dryas cold period. *Nature Geoscience*. DOI:10.1038/NGEO439, 1-4.

Birks, H.H. og Amman, B. (2000): Two terrestrial records of rapid climatic change during the glacial-Holocene transition (14,000-9,000 calendar years B.P.) from Europe. *PNAS 97*, 1390-1394.

Brook, E.J., Nesje, A., Lehman, S.J., Raisbeck, G.M. og Yiou, F. (1996): Cosmogenic nuclide exposure ages along a vertical transect in western Norway: Implications for the height of the Fennoscandian ice sheet. *Geology 24*, 207-210.

Kessler, M.A., Anderson, R.S. og Briner, J. (2008): Fjord insertion into continental margins driven by topographic steering of ice. *Nature Geoscience 1*, 365-369.

Larsen, E., Eide, F., Longva, O. og Mangerud, J. (1984): Allerød-Younger Dryas climatic inferences from cirque glaciers and vegetational development in the Nordfjord area, western Norway. *Arctic and Alpine Research 16*, 137-160.

Nesje, A., Dahl, S.O., Thun, T. og Nordli, Ø. (2008): The 'Little Ice Age' glacial expansion in western Scandinavia: summer temperature or winter precipitation? *Climate Dynamics 30*, 789-801.

Nesje, A. og Matthews, J.A. (2012): The Briksdalsbre Event: A winter precipitation-induced decadal-scale glacial advance in southern Norway in the AD 1990s and its implications. *The Holocene*. DOI: 10.1177/0959683611414938

Nesje, A., Matthews, J.A., Dahl, S.O., Berrisford, M.S. og Andersson, C. (2001): Holocene glacier fluctuations of Flatebreen and winter precipitation changes in the Jostedalsbreen region, western Norway, based on glaciolacustrine records. *The Holocene 11,* 267-280.

Rye, N., Nesje, A., Lien, R., Blikra, L.H., Eikenæs, O., Hole, P.A. og Torsnes, I. (1997): Glacial geology and deglaciation chronology of the area between inner Nordfjord and Jostedalsbreen - Strynefjellet, western Norway. *Norsk Geologisk Tidsskrift 77*, 51-63.

Sønstegaard, E., Aa, A.R. og Klakegg, O. (1999): Younger Dryas glaciation in the Ålfoten area, western Norway; evidence from lake sediments and marginal moraines. *Norsk Geologisk Tidsskrift 79*, 33-45.

**Tema 3. Fjellskred og snøskred**

Blikra, L.H. og Nemec, W. (1998): Postglacial colluvium in western Norway: depositional processes, facies and palaeoclimatic record. *Sedimentology 45*, 909-959.

Braathen, A., Blikra, L.H., Berg, S.S. og Karlsen, F. (2004): Rock-slope failures in Norway; type, geometry, deformation mechanisms and stability. Norwegian Journal of Geology 84, 67-88.

Nesje, A. (upublisert): Fjellskreda i Ramnefjellet i Loen 15. januar 1905 og 13. september 1936.

Nesje, A., Bakke, J., Dahl, S.O., Lie, Ø. og Bøe, A-G. (2007): A continuous, high-resolution 8500-yr snow-avalanche record from western Norway. *The Holocene 17*, 269-277.

Vasskog, K., Nesje, A., Nagel Støren, E.W., Waldmann, N., Chapron, E. og Ariztegui, D. (2011): A Holocene record of snow-avalanche and flood activity reconstructed from a lacustrine sedimentary sequence in Oldevatnet, western Norway. *The Holocene*, DOI: 10.1177/0959683610391316

**Tema 4. Weichsel stadialer og interstadialer**

Arnold, N.S., van Andel, T.H. og Valen, V. (2002): Extent and dynamics of the Scandinavian ice sheet during oxygen isotope stage 3 (65,000-25,000 yr BP). *Quaternary Research 57*, 38-48.

Bergersen, O.F. (1971): Kvitskriuprestinn – noen av de flotteste jordpyramider i verden. *Norsk natur*, 10-11.

Bergersen, O.F. og Garnes, K. (1981): Weichselian in central South Norway: the Gudbrandsdal Interstadial and the following glaciation. *Boreas 10*, 315-322.

Bergersen, O.F. og Garnes, K. (1983): Glacial deposits in the culmination zone of the Scandinavian ice sheet. *I*: Ehlers, J. (red.): *Glacial deposits in North-West Europe*, 29-40. Balkema Rotterdam.

Bergersen, O.F., Thoresen, M. og Hougsnæs, R. (1991): Evidence for a newly discovered Weichselian interstadial in Gudbrandsdalen, central South Norway. *Striae 34*, 103-108.

Garnes, K. og Bergersen, O.F. (1977): Distribution and genesis of tills in central south Norway. *Boreas 6*, 135-147.

Hole, J. og Bergersen, O.F. (1981): Weichselian till stratigraphy and ice movements in Ottadalen, central south Norway. *Norsk Geologisk Tidsskrift 61*, 25-33.

Thoresen, M. og Bergersen, O.F. (1983): Sub-till sediments in Folldal, Hedmark, southeast Norway. *Norges geologiske undersøkelse 389*, 37-55.

Ukkonen, P., Arppe, L., Houmark-Nielsen, M., Kjær, K.H. og Karhu, J.A. (2007): MIS 3 mammoth remains from Sweden – implications for faunal history, palaeoclimate and glaciation chronology. *Quaternary Science Reviews 26*, 3081-3098.

Wohlfarth, B. (2010): Ice-free conditions in Sweden during marine oxygen isotope stage 3? *Boreas 39*, 377-398.

**Tema 5. Temperaturregimer i innlandsiser**

Dahl, S.O. og Linge, H. (2006): Kald is, varm is og klima. *Cicerone 4/2006*, 28-30.

Dahl, S.O., Nesje, A. og Øvstedal, J. (1997): Cirque glaciers as morphological evidence for a thin Younger Dryas ice sheet in east - central southern Norway. *Boreas 26*, 161-180.

Ebert, K. og Kleman, J. (2004): Circular moraine features on the Varanger Peninsula, northern Norway, and their possible relation to polythermal ice sheet coverage. *Geomorphology 62*, 159-168.

Fabel, D., Stroeven, A.P., Harbor, J., Kleman, J., Elmore, D. og Fink, D. (2002): Landscape preservation under Fennoscandian ice sheets determined from in situ produced 10Be and 26Al. *Earth and Planetary Science Letters 201*, 397-406.

Fredin, O. og Hättestrand, C. (2002): Relict lateral moraines in northern Sweden – evidence for an early mountain centred ice sheet. *Sedimentary Geology 149*, 145-156.

Hall, A.M., Ebert, K., Kleman, J., Nesje, A. og Ottesen, D. (2013): Selective glacial erosion on the Norwegian passive margin. *Geology 41,* 1203-1206.

Hättestrand, C. og Kleman, J. (1999): Ribbed moraine formation. *Quaternary Science Reviews 18*, 43-61.

Kleman, J. (1994): Preservation of landforms under ice sheets and ice caps. *Geomorphology 9*, 19-32.

Kleman, J. (2008): Where glaciers cut deep. *Nature Geoscience 1*, 343-344.

Kleman, J. og Hättestrand, C. (1999): Frozen-bed Fennoscandian and Laurentide ice sheets during the Last Glacial Maximum. *Nature 402*, 63-66.

Kleman, J. og Stroeven, A.J. (1997): Preglacial surface remnants and Quaternary glacial regimes in northwestern Sweden. *Geomorhology 19*, 35-54.

Sollid, J.L. og Sørbel, L. (1994): Distribution of glacial landforms in southern Norway in relation to the thermal regime of the last continental ice sheet. *Geografiska Annaler 76A*, 25-35.

Steer, P., Huismans, R. S., Valla, P. G., Gac, S. & Herman, F. 2012: Bimodal Plio-Quaternary glacial erosion of fjords and low-relief surfaces in Scandinavia. *Nature Geoscience 5*, 635-639.

**Tema 6. Vertikal nedsmelting**

Atkins, C.B. og Dickinson, W.W. (2007): Landscape modification by meltwater channels at margins of cold-based glaciers, Dry Valleys, Antarctica. *Boreas 36*, 47-55.

Berthling, I. og Sollid, J.L. (1999): The drainage history of glacial lake Nedre Glåmsjø, southern Central Norway. *Norsk geografisk Tidsskrift 53*, 190-201.

Dahl, S.O., Nesje, A. og Øvstedal, J. (1997): Cirque glaciers as morphological evidence for a thin Younger Dryas ice sheet in east - central southern Norway. *Boreas 26*, 161-180.

Garnes, K. og Bergersen, O.F. (1980): Wastage features of the inland ice sheet in central South Norway. *Boreas 9*, 251-269.

Lamb, M.P. og Fonstad, M.A. (2010): Rapid formation of a modern bedrock canyon by a single flood event. Nature Geoscience 3, 477-481.

Longva, O. og Bakkejord, K.J. (1990): Iceberg deformation and erosion in soft sediments, southeast Norway. *Marine Geology 92*, 87-104.

Longva, O. og Thoresen, M. (1991): Iceberg scours, iceberg gravity craters and current erosion marks from gigantic Preboreal flood in southeastern Norway. *Boreas 20*, 47-62.

Lundqvist, J. (1972): Ice-lake types and deglaciation pattern along the Scandinavian mountain range. *Boreas 1*, 27-54.

Mannerfelt, C. M:Son (1949): Marginal drainage channels as indicators of the gradients of Quaternary ice caps. *Geografiska Annaler 31*, 194-199.

Sollid, J.L. og Sørbel, L. (1994): Distribution of glacial landforms in southern Norway in relation to the thermal regime of the last continental ice sheet. *Geografiska Annaler 76A*, 25-35.

Syverson, K.M. og Mickelson, D.M. (2008): Origin and significance of lateral meltwater channels formed along a temperate glacier margin, Glacier Bay, Alaska. *Boreas 38*, 132-145.

Sørbel, L. (2007): Subglacial lakes and landforms beneath the Scandinavian ice sheet – examples from Norway. *Geophysical Research Abstracts 9*, European Geosciences Union 2007.

Walder, J.S. og Costa, J.E. (1996): Outburst floods from glacier-dammed lakes: the effect of mode of lake drainage on flood magnitude. *Earth Surface Processes and Landforms 21*, 701-723.

**Tema 7. Flom og grove massestrømmer (’debris flows’)**

Bøe, A.-G., Dahl, S.O., Lie, Ø. og Nesje, A. (2006): Holocene river floods in the upper Glomma catchment, southern Norway: a high-resolution multiproxy record from lacustrine sediments. *The Holocene 16*, 445-455.

Matthews, J.A., Dahl, S.O., Dresser, P.Q., Berrisford, M.S., Lie, Ø., Nesje, A. og Owen, G. (2009): Radiocarbon chronology of Holocene colluvial (debris-flow) event at Sletthamn, Jotunheimen, southern Norway: a window on the changing frequency of extreme climatic events and their landscape impact. *The Holocene 19*, 1107-1129.

Nesje, A., Dahl, S.O., Matthews, J.A. og Berrisford, M.S. (2001): A 4500-yr record of river floods obtained from a sediment core in Lake Atnsjøen, eastern Norway. *Journal of Paleolimnology 25*, 329-342.

Nesje, A., Gundersen, I.M. og Cannell, R.J.S (2016)*:* Flommer og flomskred i Gudbrandsdalen i et værmessig og klimatisk perspektiv: *I:* Gundersen, I.M. (2016, red.): Gård og utmark i Gudbrandsdalen. *Arkeologiske undersøkelser i Fron 2011–2012.*

Sletten, K. og Blikra, L.H. (2007): Holocene colluvial (debris-flow and water-flow) processes in eastern Norway: stratigraphy, chronology and palaeoenvironmental implications. *Journal of Quaternary Science 22*, 619-635.

Sletten, K., Blikra, L.H., Ballantyne, C.K., Nesje, A. and Dahl, S.O. (2003): Holocene debris flows recognized in a lacustrine sedimentary succession: sedimentology, chronostratigraphy and cause of triggering. *The Holocene 13*, 907-920.

Støren, E.N., Dahl, S.O. og Lie, Ø. (2008): Separation of late-Holocene episodic paraglacial events and glacier fluctuations in eastern Jotunheimen, central southern Norway. *The Holocene 18*, 1179-1191.

Støren, E.N, Dahl, S.O., Nesje, A. og Paasche, Ø. (2010): Identifying the sedimentary imprint of high-frequency Holocene river floods in lake sediments: development and application of a new method. *Quaternary Science Reviews 29*, 3021-3033.

Østmoe, A. (1985): *Stor-ofsen 1789*. Oversiktsregisteret. s. 1-22.