

Review of Activities 1997
Publication Catalogue 1997
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GEOLOGICAL SURVEY OF DENMARK AND GREENLAND
MINISTRY OF ENVIRONMENT AND ENERGY



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- *Review of Activities 1997*
- ***Publication Catalogue 1997***
- *Project Catalogue 1998*

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1A. International scientific periodicals/publications

1A.2. Programme area 2: Water resources

1A.2.1. Sub-programme area 1: Groundwater monitoring and mapping

1. Henriksen, H.J.; Knudby, C.; Nyegaard, P.; Rasmussen, P.; Hansen, M.; Jakobsen, P.R. 1997: National water resource modelling in Denmark. Application of national groundwater model for the Isle of Funen. Operational water management. Proceedings of the European Water Resources Association Conference, København, September 1997 / Refsgaard, J.C. (ed.); Karalis, E.A. (ed.). Rotterdam : Balkema, 277-284.
2. Stockmarr, J. 1997: Revised groundwater quality monitoring programme in Denmark 1998-2003. Operational water management. Proceedings of the European Water Resources Association Conference, København, September 1997 / Refsgaard, J.C. (ed.); Karalis, E.A. (ed.). Rotterdam: Balkema, 49-55.

1A.2.2. Sub-programme area 2: Hydrology, groundwater pollution and protection

1. Jacobsen, O.S.; Bossi, R. 1997: Degradation of ethylenethiourea (ETU) in oxic and anoxic sandy aquifers. *FEMS Microbiology* **20**, 539-544.

1A.3. Programme area 3: Energy resources

1A.3.1. Sub-programme area 1: Hydrocarbon exploration and regional investigations in Denmark and Overseas

1. Bagnoli, G.; Stouge, S. 1996: Changes in conodont provincialism and biofacies during the Lower Ordovician in Öland, Sweden. *Palaeopelagos* **6**, 19-29.
2. Bagnoli, G.; Stouge, S. 1996: Lower Ordovician (Billingenian-Kunda) conodont zonation and provinces based on sections from Horns Udde, north Öland, Sweden. *Bollettino della Societa Paleontologica Italiana* **35**(2), 109-163, 8 pls.
3. Brinkhuis, H.; Schiøler, P. 1996: Palynology of the Geulhemmerberg Cretaceous/Tertiary boundary section (Limburg, SE Netherlands). *Geologie en Mijnbouw* **75**(2/3), 193-213.
4. Drits, V.A.; Lindgreen, H.; Salyn, L.A. 1997: Determination of the content and distribution of fixed ammonium in Illite-Smectite by x-ray diffraction: Application to North Sea illite-smectite. *American Mineralogist* **82**, 79-87.
5. Drits, V.A.; Sakharov, B.A.; Lindgreen, H.; Salyn, A. 1997: Sequential structure transformation of Illite-Smectite-Vermiculite during diagenesis of Upper Jurassic shales from the North Sea and Denmark. *Clay Minerals* **32**, 173-193.
6. Japsen, P. 1997: Regional Neogene exhumation of Britain and the western North Sea. *Journal of the Geological Society* **154**, 239-247.
7. Johannessen, P. 1997: Upper Jurassic back-barrier and shoreface reservoir sandstones and thin turbidite sandstones in the Danish Central Trough, North Sea. Cores from the Northwest European hydrocarbon Province: An illustration of geological applications from exploration to

development / Oakman, C.D. (ed.); Martin, J.H. (ed.); Corbett, W.M. (ed.). Bath : Geological Society, London, 11-20.

8. Rasmussen, E.S. 1996: Structural evolution and sequence formation offshore south Gabon during the Tertiary. *Tectonophysics* **266**(1-4), 509-523.
9. Rasmussen, E.S. 1997: Depositional evolution and sequence stratigraphy of the shelf and slope area off South Gabon, West Africa. *Journal of Sedimentary Research. Section B: Stratigraphy and global studies* **67**(4), 715-724.
10. Roncaglia, L.; Corradini, D. 1997: Correlation of key dinoflagellate events with calcareous nannoplankton and planktonic foraminiferal zones in the Solignano Formation (Maastrichtian, Late Cretaceous) northern Apennines, Italy. *Review of Palaeobotany and Palynology* **97**, 177-196.
11. Schiøler, P.; Brinkhuis, H.; Roncaglia, L.; Wilson, G.J. 1997: Dinoflagellate biostratigraphy and sequence stratigraphy of the type Maastrichtian (Upper Cretaceous), ENCI Quarry, The Netherlands. *Marine Micropaleontology* **31**, 65-95.
12. Zdanaviciūtė, O.; Bojesen-Koefoed, J.A. 1997: Geochemistry of Lithuanian oils and source rocks: A preliminary assessment. *Journal of Petroleum Geology* **20**(4), 381-402.

1A.3.2. Sub-programme area 2: Hydrocarbon exploration and regional investigations in Greenland

1. Bojesen-Koefoed, J.A.; Petersen, H.I.; Surlyk, F.; Vosgerau, H. 1997: Organic petrography and geochemistry of inertinite-rich mudstones, Jakobsstigen Formation, Upper Jurassic, northeast Greenland: Indications of forest fires and variations in relative sea-level. *International Journal of Coal Geology* **34**, 345-370.
2. Chalmers, J.A. 1997: The continental margin off southern Greenland: along-strike transition from an amagmatic to a volcanic margin. *Journal of the Geological Society* **154**(3), 571-576.
3. Nøhr-Hansen, H.; Dam, G. 1997: Palynology and sedimentology across a new marine Cretaceous-Tertiary boundary section on Nuussuaq, West Greenland. *Geology* **25**(9), 851-854.
4. Stemmerik, L. 1997: Permian (Artinskian-Kazanian) cool-water carbonates in North Greenland, Svalbard and the western Barents Sea. *Cool-water carbonates / James, N.P. (ed.); Clarke, J.A.D. (ed.). Tulsa, Okla. 1997: Society of Economic Paleontologists and Mineralogists. Special publication* **56**, 349-364.
5. Whittaker, R.C.; Hamann, N.E.; Pulvertaft, T.C.R. 1997: A new frontier province offshore Northwest Greenland: structure, basin development, and petroleum potential of the Melville Bay area. *American Association of Petroleum Geologists Bulletin* **81**(6), 978-998.

1A.3.3. Sub-programme area 3: Hydrocarbon exploration and regional investigations in the Faroes

1. Laier, T.; Nytoft, H.P.; Jørgensen, O.; Isaksen, G.H. 1997: Hydrocarbon traces in the Tertiary basalts of the Faeroe Islands. *Marine and Petroleum Geology* **14**(3), 257-266.

1A.3.4. Sub-programme area 4: Hydrocarbon exploitation and storage in Denmark and Overseas

1. Winter, A. 1997: Three-phase flow and wetting phenomena in naturally fractured formations : macroscopic models and pore-scale physics. Research in Petroleum Technology, including Abstracts from the 1997 Nordic Seminar on Basin Modelling/Middleton, M.F. (ed.). Ås, Norge: Nordisk Energiforskningsprogram. Nordic Petroleum Technology Series II, 99-125.

1A.4. Programme area 4: Raw materials and Greenland mapping

1A.4.1. Sub-programme area 1: Geological mapping and basic investigations in Greenland

1. Abrahamsen, N.; Bengaard, H-J.; Friderichsen, J.D.; Van der Voo, R. 1997: Palaeomagnetism of three dyke swarms in Nansen Land, North Greenland (83° N). *Geologie en Mijnbouw* **76**(1-2), 83-95.
2. Neuhoﬀ, P.S.; Watt, W.S.; Bird, D.K.; Pedersen, A.K. 1997: Timing and structural relations of regional zeolite zones in basalts of the East Greenland continental margin. *Geology* **25**(9), 803-806.
3. Nielsen, T.F.D.; Solovova, I.P.; Veksler, I.V. 1997: Parental melts of melilitolite and alkali carbonatites: evidence from crystallised melt inclusions, Gardiner complex. *Contributions to Mineralogy and Petrology* **126** (4), 331-344.
4. Pedersen, A.K.; Watt, M.; Watt, W.S.; Larsen, L.M. 1997: Structure and stratigraphy of the early Tertiary basalts of the Blosseville Kyst, East Greenland. *Journal of the Geological Society, London* **154**(3), 565-570.
5. Samuelson, J.; Dawes, P.R.; Vidal, G. 1997: Acid-resistant palynomorphs from the Proterozoic Thule Supergroup, North-West Greenland. Early Neoproterozoic ecosystems in the North Atlantic region: integrated palaeobiological, biostratigraphic and geochemical studies /Samuelson, J. (ed.). Uppsala : Uppsala University. Institute of Earth Sciences. (Comprehensive summary of doctoral dissertations). Chapter 3, 63 pp.
6. Stevenson, R.; Upton, B.G.J.; Steenfelt, A. 1997: Crust-mantle interaction in the evolution of the Ilimaussaq Complex, South Greenland: Nd isotopic studies. *Lithos* **40**(2-4), 189-202.

1A.4.2. Sub-programme area 2: Raw materials in Greenland

1. Appel, P.W.U. 1997: Al-rich warwickite from Inglefield Land, North-West Greenland. *Mineralogical Magazine* **61**, 693-698.
2. Appel, P.W.U. 1997: High bromine contents and low Cl/Br ratios in hydrothermally altered Archaean komatiitic rocks, West Greenland. *Precambrian Research* **82**, 177-189.
3. Campbell, L.S.; Henderson, P., Wall, F.; Nielsen, T.F.D. 1997: Rare earth chemistry of perovskite group minerals from the Gardiner Complex, East Greenland. *Mineralogical Magazine* **61**, 197-212.
4. Chaussidon, A.; Appel, P.W.U. 1997: Boron isotopic composition of tourmalines from the 3.8-Ga-old Isua supracrustals, West Greenland: Implications on the $\delta^{11}\text{B}$ value of early Archean seawater. *Chemical Geology* **136**, 171-180.

5. Stendal, H. 1997: Frank Vokes symposium. Formation and metamorphism of massive sulphides, Trondheim: Norwegian University of Science and Technology (NTNU), Marts 1997. Minerals Industry International. Bulletin of the Institution of Mining and Metallurgy **1037**, 28-30.
6. Stendal, H.; Schönwandt, H.K. 1997: Project Suprasyd, South Greenland. Minerals Industry International. Bulletin of the Institution of Mining and Metallurgy **1038**, 32-37.

1A.4. Publications outside the sub-programmes

1. Dawes, P.R.; Smithies, R.H.; Centofanti, J.; Podmore, D.C. 1995: Sunrise Hill unconformity: a newly discovered regional hiatus between Archaean granites and greenstones in the northeastern Pilbara Craton. Australian Journal of Earth Sciences **42**, 635-639.
2. Occhipinti, S.A.; Grey, K.; Pirajno, F.; Adamides, N.G.; Bagas, L.; Dawes, P.R.; Le Blanc Smith, G. 1997: Stratigraphic revision of Palaeoproterozoic rocks of the Yerrida, Bryah and Padbury Basins (former Glengary Basin). Perth, Geological Survey of Western Australia. Department of Minerals and Energy, Geological Survey of Western Australia. Record **3**, 57 pp.

1A.5. Programme area 5: Nature and environment

1A.5.1. Sub-programme area 1: Environmental history and climatic development

1. Anderson, N.J. 1997: Reconstruction of historical phosphorus concentrations in Rural Lakes using diatom models. CAB International 1997. Phosphorus loss from soil to water / Tunney, H. et al. (ed.). [S.I.] : CAB International, 95-118.
2. Bennike, O. 1997: Quaternary vertebrates from Greenland: a review. Quaternary Science Reviews **16**, 899-909.
3. Bennike, O.; Jensen, J.B.; Lemke, W. 1997: Macrofossil and geochronological studies of submarine deposits from the south-western Baltic. Marine Geological Conference, 4: The Baltic, Uppsala, October 1995. Proceedings / Cato, I. (ed.); Klingberg, F. (ed.). Uppsala : SGU, Sveriges Geologiske Undersøgelse. Serie Ca, **86**, 11-14.
4. Binderup, M. 1997: Recent changes of the coastline and nearshore zone, Vejrø Island, Denmark: Possible consequences for future development. Journal of Coastal Research **13**(2), 417-428.
5. Bradshaw, R.; Tolonen, K.; Tolonen, M. 1997: Holocene records of fire from the boreal and temperate zones of Europe. Sediment records of biomass burning and global change / Clark, J.S. et al. (ed.). Berlin: Springer, NATO ASI series, **151**, 347-365.
6. Heiberg, E.O.; Bennike, O. 1997: Late quaternary rodents from the southwestern Baltic Sea. Baltica **10**, 47-52.
7. Jensen, J.B.; Bennike, O.; Witkowsky, A.; Lemke, W.; Kuijpers, A. 1997: The Baltic Ice Lake in the southwestern Baltic: sequence-, chrono- and biostratigraphy. Boreas **26**(3), 217-236.
8. Langangen, A.; Bennike, O. 1997: Chara Baltica Bruz. Found in Greenland. Cryptogamie, Algologie **18**(4), 375-376.

9. Laursen, G.V.; Konradi, P.B.; Bidstrup, T. 1997: Foraminiferal and seismic interpretations of the palaeoenvironment of a profile in the North Sea. *Bulletin de la Société Géologique de France* **168**(2), 187-196.
10. Lemke, W.; Jensen, J.B.; Bennike, O.; Witkowski, A. 1997: Sequence stratigraphy of Late Pleistocene and Holocene deposits in the Mecklenburg Bay, south-western Baltic Sea. *Marine Geological Conference, 4: The Baltic*, Uppsala, October 1995. *Proceedings / Cato, I. (ed.); Klingberg, F. (ed.)*. Uppsala : SGU. *Sveriges Geologiske Undersøgelse. Serie Ca* **86**, 117-122.
11. Maslin, M.; Mikkelsen, N. 1997: Amazon fan mass-transport deposits and underlying interglacial deposits: age estimates and fan dynamics. *Proceedings of the Ocean Drilling Program, Scientific results* **155**, 353-365.
12. Mikkelsen, N. 1997: Upper Quaternary diatoms on the Amazon Fan of the Western Atlantic. *Proceedings of the Ocean Drilling Program, Scientific results* **155**, 367-373.
- 12a. Mikkelsen, N.; Barron, J. 1997: Early Oligocene diatoms on the Ceara Rise and the Cenozoic evolution of biogenic silica accumulation in the low-latitude equatorial Atlantic. *Proceedings of the Ocean Drilling Program, Scientific results* **154**, 483-490.
13. Mikkelsen, N.; Maslin, M.; Giraudeau, J.; Showers, W. 1997: Biostratigraphy and sedimentation rates of the Amazon Fan. *Proceedings of the Ocean Drilling Program, Scientific results* **155**, 577-594.
14. Piper, D.J.W.; Flood, R.D.; Cisowski, S.; Hall, F.; Manley, P.L.; Maslin, M.; Mikkelsen, N.; Showers, W. 1997: Synthesis of stratigraphic correlations of the Amazon Fan. *Proceedings of the Ocean Drilling Program, Scientific results* **155**, 595-609.
15. Pitelka, L.F.; Ash, J.; Berry, S.; Bradshaw, R.H.W.; Brubaker, L.; Clark, J.S.; Davis, M.B.; Dyer, J.M.; Gardner, R.H.; Gitay, H.; Hengeveld, R.; Hope, G.; Huntley, B.; King, G.A.; Lavorel, S.; Mack, R.N.; Malanson, G.P.; McGlone, M.; Noble, I.R.; Prentice, I.C.; Regmanek, M.; Saunders, A.; Lolomon, A.M.; Sugita, S.; Sykes, M.T. 1997: Plant migration and climate change. *American Scientist* **85**, 446-473.
16. Reeh, N.; Thomsen, H.H.; Olesen, O.B.; Starzer, W. 1997: Mass balance of North Greenland. *Science* **278**(5356), 207-209.
17. Showers, W.J.; Schneider, R.; Mikkelsen, N.; Maslin, M. 1997: Isotopic stratigraphy of Amazon Fan sediments. *Proceedings of the Ocean Drilling Program, Scientific results* **155**, 281-303.
18. Weidick, A.; Andreasen, C.; Oerter, H.; Reeh, N. 1994: Neoglacial glacier changes around Storstrømmen, North-East Greenland. *Polarforschung* **64**(3), 95-108.

1A.5.2. Sub-programme area 2: Soil, soil mapping and soil decontamination in Denmark

1. Jacobsen, C.S. 1997: Plant protection and rhizosphere colonization of barley by seed inoculated herbicide degrading Burkholderia (*Pseudomonas*) cepacia DBO1(pRO101) in 2,4-D contaminated soil. *Plant and Soil* **189**, 139-144.
2. Jacobsen, C.S.; Gayazov, R.R. 1997: Microbial ecology of contaminated sites. *Perspectives in Bioremediation / Wild, J.R. et al. red*: Dordrecht: Kluwer Academic Publishers, 13-24.
3. Jakobsen, P.R. 1996: Distribution and intensity of glaciotectonic deformation in Denmark. *Bulletin of the Geological Society of Denmark* **42**(2), 175-185.

4. Sadolin, M.; Pedersen, G.K; Pedersen, S.A.S. 1997: Lacustrine sedimentation and tectonics: an example from the Weichselian at Lønstrup Klint, Denmark. *Boreas* **26**(2), 113-126.

1B. Scientific articles in GEUS' series

1B.3. Programme area 3: Energy resources

1B.3.2. Sub-programme area 2: Hydrocarbon exploration and regional investigations in Greenland

1. Ineson, J.R.; Peel, J.S. 1997: Cambrian shelf stratigraphy of North Greenland. *Geology of Greenland Survey Bulletin* **173**, 120 pp.

1B.4. Programme area 4: Raw materials and Greenland mapping

1B.4.1. Sub-programme area 1: Geological mapping and basic investigations in Greenland

1. Dahl-Jensen, T.; Holbrook, W.S.; Hopper, J.R.; Kelemen, P.B.; Larsen, H.C.; Detrick, R.; Bernstein, S.; Kent, G. 1997: Seismic investigation of the East Greenland volcanic rifted margin. *Geology of Greenland Survey Bulletin* **176**, 50-54.
2. Dawes, P.R. 1997: The Proterozoic Thule Supergroup, Greenland and Canada: history, lithostratigraphy and development. *Geology of Greenland Survey Bulletin* **174**, 150 pp.
3. Garde, A.A. 1997: Accretion and evolution of an Archean high-grade grey gneiss-amphibolite complex: the Fiskefjord area, southern West Greenland. *Geology of Greenland Survey Bulletin* **177**, 115 pp.
4. Garde, A.A.; Chadwick, B.; Grocott, J.; Swager, C. 1997: Metasedimentary rocks, intrusions and deformation history in the south-east part of the c. 1800 Ma Ketilidian orogen, South Greenland: project SUPRASYS 1996. *Geology of Greenland Survey Bulletin* **176**, 60-65.
5. Hansen, L.A.; Jensen, J.B.; Terkelsen, M. 1997: Pleistocene sedimentary record of the Falsterselv area, Jameson Land, East Greenland. *Geology of Greenland Survey Bulletin* **176**, 84-88.
6. Kalsbeek, F. 1997: Age determination of Precambrian rocks from Greenland: past and present. *Geology of Greenland Survey Bulletin* **176**, 55-59.
7. Scholz, H.; Baumann, M. 1997: An "open system pingo" near Kangerlussuaq (Søndre Strømfjord), West Greenland. *Geology of Greenland Survey Bulletin* **176**, 104-108.
8. Tirsgaard, H.; Sønderholm, M. 1997: Lithostratigraphy, sedimentary evolution and sequence stratigraphy of the Upper Proterozoic Lyell Land Group (Eleonore Bay Supergroup) of East and North-East Greenland. *Geology of Greenland Survey Bulletin* **178**, 60 pp.

1B.5. Programme area 5: Nature and environment

1B.5.1. Sub-programme area 1: Environmental history and climatic development

1. Anderson, N.J.; Bennike, O. 1997: Holocene lake sediments in West Greenland and their palaeoclimatic and palaeoecological implications. *Geology of Greenland Survey Bulletin* **176**, 89-94.
2. Bennike, O.; Funder, S. 1997: Macrofossil studies of Holocene lake sediments from Jameson Land, East Greenland. *Geology of Greenland Survey Bulletin* **176**, 80-83.
3. Thomsen, H.H.; Reeh, N.; Olesen, O.B.; Bøggild, C.E.; Starzer, W.; Weidick, A.; Higgins A.K. 1997: The Nioghalvfjerdingsfjorden glacier project, North-East Greenland: a study of ice sheet response to climatic change. *Geology of Greenland Survey Bulletin* **176**, 95-103.

1B.5.2. Sub-programme area 2: Soil, soil mapping and soil decontamination in Denmark

1. Pedersen, S.A.S.; Petersen, K.S. 1997: Djurslands Geologi. Danmarks og Grønlands Geologiske Undersøgelse (GEUS). København, 96 pp. (Beskrivelse til "Geologisk Kort over Djursland", som blev udgivet i 1995).

1C. Other scientific publications

1C.1. Programme area 1: Data banks, information technology and general presentation

1C.1.1. Sub-programme area 1: Data banks in the areas of environment, energy, raw materials and nature

1. Hansen, H.C.S.; Poulsen, N.E. 1997: A "standard" image storage and database system. *JMG Newsletter* **6**, 25-28.

1C.1.3. Sub-programme area 3: General presentation

1. Hansen, J.M. 1997: Geologiens fundament: Overprægningsprincippet : Om Stenos fundamentale bidrag til erkendelsen. *Råstoferfaringer /Agger, P. (red.); Land, B. (red.). Frederiksberg: Roskilde Universitetsforlag*, 51-89.
2. Heilmann-Clausen, C.; Konradi, P. 1997: Guide to field excursion in Denmark. Joint biannual meeting of the RCNPS/RCNNS, Karlslunde, September 1997 **6**, 56 pp.
3. Petersen, K.S. 1997: Forchhammer og guldalderen i dansk geologi. *Geologisk Tidsskrift*, **2**, 1-7.

1C. 2. Programme area 2: Water resources

1C. 2.1. Sub-programme area 1: Groundwater monitoring and mapping

1. Brüscher, W. 1997: Pesticider i dansk grundvand. Jovå seminar, 1997. Jordforsk, 3 pp.
2. Ernsten, V.; Thorling, L. 1997: Geokemiske miljøer og nitrat i et komplekst opbygget grundsvandsmagasin ved Grundfør. Grundvandsforskningen i Danmark 1992-96. ATV møde [51], Gentofte, April 1997 / ATV-komiteen vedrørende grundvandsforurening. Lyngby: ATV, 29-40.
3. Gravesen, P. 1997: Three-dimensional geological model of the complex aquifers in an incised quaternary valley in Jylland, Denmark. Environmental and engineering geophysics meeting, 3. Århus, September 1997. Proceedings / Christensen, N.B. (ed.). Århus: Environmental and Engineering Geophysical Society European Section EEGS-ES, 229-232.
4. Gravesen, P.; Hansen, M. 1997: Usikkerheden ved geologiske modeller - beskrivelse af grundvandsmagasiner i komplekse geologiske områder. Grundvandsforskningen i Danmark 1992-96. ATV møde [51], Gentofte, April 1997 / ATV-komiteen vedrørende grundvandsforurening. Lyngby : ATV, 15-28.
5. Hansen, M. 1997: Statistical modelling of partial clay cover. Environmental and engineering geophysics meeting, 3. Århus, September 1997. Proceedings /Christensen, N.B. (ed.). Århus: Environmental and Engineering Geophysical Society European Section EEGS-ES, 233-236.
6. Hvilshøj, S. 1997: Anvendelse af invers modellering til fortolkning af prøvepumpningsdata. Kalibrering - validering og usikkerheder på grundvandsmodeller. ATV møde [55], Gentofte, Maj 1997 / ATV-komiteen vedrørende grundvandsforurening. Lyngby : ATV, 77-85.
7. Laier, T.; Hinsby, K. 1997: Aldersbestemmelse af grundvandsdatering ved CFC metoden - Resultater fra Rabis Bæk, Grundfør og Rømmø. Grundvandsforskningen i Danmark 1992-96. ATV møde [51], Gentofte, April 1997 / ATV-komiteen vedrørende grundvandsforurening. Lyngby: ATV, 113-124.
8. Stockmarr, J. (red.) 1997: Grundvandsovervågning 1997. København, GEUS, 101 pp.

1C.2.2. Sub-programme area 2: Hydrology, groundwater pollution and protection

1. Albrechtsen, H.-J.; Hansen, J.M. 1997: Pesticidforskningen under det strategiske miljøforskningsprogram. Vintermøde om grundvandsforurening, Vingsted, Marts 1997. Lyngby: ATV, 147-154.
2. Hansen, J.M. 1997: Perspektiver for den koordinerede forskning på grundvandsområdet - set fra Grundvandsgruppen under Det Strategiske Miljøforskningsprogram. Hvordan kan vi bruge forskningen på jord- og grundvandsområdet? ATV møde, København: Symbion, Oktober 1996. Lyngby : ATV, 48-51.
3. Jacobsen, O.S.; Bossi, R. 1997: Risiko for udvaskning af ETU ved anvendelse af maneb, zineb og mancozeb til svampebekæmpelse : Leaching of ETU to groundwater after use of maneb, zineb or mancozeb fungicides. Dansk Planteværnskonference, 14. Pesticider og miljø. Ukrudt; Danish Plant Protection Conference, 14. Side effects of pesticides. Weeds, Nyborg, SP rapport 7, 41-49.
4. Jørgensen, P.R.; Spliid, N.H.; Hansen, M.; Lindgreen, H.; Outzen, S.; Brehmer, A. 1997: Point and non-point source pesticide contamination and the influence of fractures on leaching in clayey till aquitards. Grundvandsforskningen i Danmark 1992-96. ATV møde [51], Gentofte, April 1997 / ATV-komiteen vedrørende grundvandsforurening. Lyngby : ATV, 99-112.

5. Klint, K.E.; Fredericia, J. 1997: Karakterisering af sprækker og hydrauliske sprækkeparametre i moræner. Grundvandsforskningen i Danmark 1992-96. ATV møde [51], Gentofte, April 1997 / ATV-komiteen vedrørende grundvandsforurening. Lyngby : ATV, 67-84.
6. Klitten, K. 1997: Borehole logging investigations for planning of remedial action on water supply wells showing deterioration in groundwater quality. Environmental and engineering geophysics meeting, 3., Århus, September 1997. Proceedings / Christensen, N.B. (ed.). Århus : Environmental and Engineering Geophysical Society European Section EEGS-ES, 13-16.
7. Thorling, L.; Sørensen, K.I.; Ernsten, V. 1997: Effect of "windows" mapped by geophysical methods on groundwater quality. Environmental and engineering geophysics meeting, 3, Århus, September 1997. Proceedings / Christensen, N.B. (ed.). Århus: Environmental and Engineering Geophysical Society European Section EEGS-ES, 9-12.

1C. 2.3. Sub-programme area 3: Groundwater abstraction and hydraulic power exploitation

1. Gravesen, P. 1997: Resources and consumption. Water Supply, special issue of Vandteknik **65**(6), 280-283.
2. Lorentzen, H.; Nedergaard-Petersen, B.; Gravesen, P.; Ankjær, I.; Bækgaard, A.; Bastrup, J.F. 1997: Vandforsyningsstatistik 1996. [S.I.], Danske Vandværkers Forening, 95 pp.

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1B.4. Programme area 4: Raw materials and Greenland mapping

1B.4.1. Sub-programme area 1: Geological mapping and basic investigations in Greenland

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1E.2.2. Sub-programme area 1: Groundwater monitoring and mapping

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1E.4.2. Sub-programme area 2: Raw materials in Greenland

1. Magnetic and electromagnetic maps and data. Area E: South-West and southern West Greenland (AEROMAG 96).
2. Magnetic and electromagnetic maps and data. Area F: South-West and southern West Greenland (5 sub-areas; AEROMAG 96).

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1E.5.1. Sub-programme area 1: Environmental history and climatic development

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1Ga.1.3. Sub-programme area 3: General presentation

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2. Pedersen, S.A.S. 1997: Tektonik. Debatmøde om geosites. Danske geologiske og geomorfologiske lokaliteter af international værdi, Odense Universitet, September 1997.

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1Ga.4.1. Sub-programme area 1: Geological mapping and basic investigations in Greenland

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1Ga.4.3. Sub-programme area 3: Raw materials and construction work in Denmark

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1Ga.5.1. Sub-programme area 1: Environmental history and climatic development

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1Gb. Papers without abstract

1Gb.1. Programme area 1: Data banks, information technology and general presentation

1Gb.1.1. Sub-programme area 1: Data banks in the areas of environment, energy, raw materials and nature

1. Hansen, M. 1997: Presentation of geological databases and geological modelling tools. State Geological Survey of Latvia, Riga, January 1997.

1Gb.1.2. Sub-programme area 2: Information technology

1. Hermansen, B. 1997: Hvad er GIS, og hvad anvendes det til på miljøområdet? GIS som miljøværktøj. København: Ingeniørforeningen i Danmark, Februar 1997.
2. Hermansen, B. 1997: District planning in Latvia using ArcView. GIS training course, Kuldiga, Latvia, June 1997.
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1Gb.1.3. Sub-programme area 3: General presentation

1. Brüsich, W. 1997: Naturvidenskaben som aktør. Konference: Teknologisk udvikling og miljøplanlægning, Roskilde Universitets Center, Februar 1997.
2. Christensen, O.W. 1997: Geoscience information systems, and the Association of the Geological Surveys of the European Union. The GEIXS project. POSC Conference, Brussels, May 1997.
3. Christensen, O.W. 1997: A view from Europe, with environmental perspective. Conference: Mapping the customer, Geological Survey of Ireland, October 1997.
4. Hansen, J.M. 1997: Naturlærens holistiske fundament: superpositionsprincippet : Om Stenos fundamentale bidrag til erkendelsen. Dansk Geologisk Forening. Palæontologisk Klub, Maj 1997.
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1Gb.2. Programme area 2: Water resources

1Gb.2.1. Sub-programme area 1: Groundwater monitoring and mapping

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3. Hinsby, K.; Boaretto, E.; Heinemeier, J. 1997: Geochemistry and age-dating of groundwater in the Ribe Formation : Preliminary results. EU-project Palaeaux Meeting, 4, Tallinn, July 1997.
4. Klitten, K. 1997: Hydrogeologiske undersøgelser i Danienkalken, hvor flowlogs var et af hovedredskaberne til kortlægning af de vandførende horisonter. Møde: Øresundsforbindelsen set med en geologs øjne. Dansk Geologisk Forening, Kastrup, September 1997.
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6. Madsen, B. 1997: Projektkontrakt: Den nationale vandressourcemodel. Grundvandsgruppen, SMP 96, Pesticider og Grundvand, Plenummøde, Forskningscenter Flakkebjerg, August 1997.
7. Nilsson, B. 1997: Hydraulic characterisation of fractured tills in Denmark. Clay workshop, Solihull, UK, May 1997.
8. Stockmarr, J. 1997: Revised groundwater quality monitoring programme in Denmark 1998-2003. Seminar: Monitoring strategies for detecting groundwater quality problems, Stockholm, April 1997.
9. Stockmarr, J. 1997: Revised groundwater quality monitoring programme in Denmark 1998-2003. Design of water quality monitoring networks. Short course, Hørsholm: VKI, August 1997.
10. Stockmarr, J. 1997: Grundvandet. Nationalt program for overvågning af det danske vandmiljø. Odense: Ingeniørforeningen i Danmark, Oktober 1997.
11. Stockmarr, J. 1997: Geologi og grundvand i Danmark. Seminar om hydrogeologi og miljøkemi, 7, Trondheim, November 1997.

1Gb.2.2. Sub-programme area 2: Hydrology, groundwater pollution and protection

1. Aamand, J. 1997: Nedbrydning af pesticider i grundvand - går det hurtigt nok?. Grundvandsgruppen, SMP 96, Pesticider og Grundvand, Plenummøde, Forskningscenter Flakkebjerg, August 1997.
2. Brüsich, W. 1997: Hvad er rent vand og hvordan bevarer vi det rent. Teknologirådsseminar: Rent vand - utopi eller reel mulighed, Roskilde, Marts 1997.
- 2a. Fredericia, J. 1997: Trusler mod drikkevandsforsyningen. Kommunalteknisk Chefforening, Silkeborg, September 1997.

- 2b. Fredericia, J.; Christensen, T.H. 1997: Strategiske forskningsresultater: Hovedkonklusioner. Grundvandsgruppens afslutningskonference for SMP 1, Landstingssalen, Marts 1997.
3. Hansen, J.M. 1997: Den danske grundvandsressource: problemer og muligheder i fremtiden. Grundvandsgruppens afslutningskonference for SMP 1, Landstingssalen, Marts 1997.
4. Gravesen, P. 1997: Projekt 1: Undersøgelser af præferentiel strømning ved feltforsøg. Grundvandsgruppen, SMP 96, Pesticider og Grundvand, Plenummøde, Forskningscenter Flakkebjerg, August 1997.
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8. Thomsen, E. 1997: Projektkontrakt: Udvikling og afprøvning af nye metoder til bestemmelse af pesticiders forekomst og nedbrydning i grundvand. Grundvandsgruppen, SMP 96, Pesticider og Grundvand, Plenummøde, Forskningscenter Flakkebjerg, August 1997.
9. Stockmarr, J. 1997: How to cope with degrading groundwater quality. Danish hydrological landscape planning. International workshop: How to cope with degrading groundwater quality in Europe, Stockholm, October 1997.

1Gb.2.3. Sub-programme area 3: Groundwater abstraction and hydraulic power exploitation

1. Klitten, K. 1997: Anvendelse af borehulslogging i forbindelse med vandkemiske undersøgelser af kildepladser (vandindvindingsboringer). Møde: Forringelse af den naturlige grundvandskvalitet. Kildeopsporing - kortlægningsmetoder. København: Ingeniørforeningen i Danmark, Marts 1997.
2. Kelstrup, N. 1997: Some Danish figures on the use of polluted water. IAH Congress on groundwater in the urban environment, 27, Nottingham, September 1997.

1Gb.3. Programme area 3: Energy resources

1Gb.3.1. Sub-programme area 1: Hydrocarbon exploration and regional investigations in Denmark and Overseas

1. Andsbjerg, J. 1997: "Reciprok sedimentation" - et eksempel fra M. Jura i Central Graven. Dansk Sedimentologisk Forskningsgruppe, Årsmøde, København, Marts 1997.
2. Britze, P. 1997: Seismic mapping using Trendform Gridding. Landmark Worldwide Technology Forum, Houston, Texas, February 1997.

3. Ineson, J.; Matyja, B.A.; Merta, T. 1997: Architecture and evolution of a sponge bioherm complex in the Kujawy region, Torun district, (Oxfordian, Upper Jurassic), Piechin - Barcin, NW Poland. Dansk Geologisk Forening, København, October 1997.
4. Japsen, P. 1996: Constraints on velocity-depth trends from rock physics models. Stanford University, Stanford, September 1996.
5. Japsen, P. 1996: The regional pattern of compaction of North Sea chalk estimated from velocity data. SPE Copenhagen Section, December 1996.
6. Johannessen, P. 1997: Den sekvensstratigrafiske opbygning af paraliske og lavmarine sedimenter. Studier af blotninger og borer, Øvre Kridt Dakota sandstone, San Juan bassinet, USA. Dansk Sedimentologisk Forskningsgruppe, Årsmøde, København, Marts 1997.
7. Merta, T.; Drewniak, A.; Bojesen-Koefoed, J.A. 1997: Lithology and depositional environment of Bathonian clays : Hydrocarbon generation potential. Dansk Geologisk Forening, København, October 1997.
8. Poulsen, N.E. 1997: Introduktion: EFP-95. Det polske Mellem og Øvre Jurassiske Epikratoniske Bassin, stratigrafi, facies og bassinhistorie. Dansk Geologisk Forening, København, Oktober 1997.
9. Poulsen, N.E. 1997: Middle-Upper Jurassic dinoflagellate cyst stratigraphy and correlations. Dansk Geologisk Forening, København, October 1997.
10. Vejrbæk, O.V.; Britze, P. 1997: Top præ-zechstein; bunden af det Norsk-Danske Bassin. Dansk Geologisk Forening, København, Januar 1997.

1Gb.3.2 Sub-programme area 2: Hydrocarbon exploration and regional investigations in Greenland

1. Chalmers, J.A.; Skaarup, N. 1997: Seismic investigation of the Early Tertiary basalt area offshore central West Greenland. Conference on Petroleum Geology of NW Europe, 5. Sub-basalt imaging workshop, London, October 1997.
2. Dam, G. 1997: Sedimentology, sequence stratigraphy and palynology of the Lower Jurassic Kap Stewart and Neill Klint Groups, Jameson Land, East Greenland. Bassinstudiegruppen, Københavns Universitet, February 1997.
3. Dam, G. 1997: Forkastningsbetingede paleocæne dalsystemer, Quikavsak Member, Vestgrønland. Dansk Sedimentologisk Forskningsgruppe. Årsmøde, København, Marts 1997.
4. Dam, G. 1997: Lavstands turbiditkanaler, Maastrichtien - Nedre Paleocæn, Nuussuaq, Vestgrønland. Sedimentologisk Klub, April 1997.
5. Dam, G. 1997: Introduction to a geological excursion to Nuussuaq. Statoil, København, April 1997.
6. Dam, G.; Larsen, M. 1997: Sedimentary response to mantle plumes, examples from East and West Greenland. Bassinstudiegruppen, Københavns Universitet, February 1997.
7. Dam, G.; Larsen, M.; Sønderholm, M. 1997: Sedimentary response to a mantle plume: observations from onshore West and East Greenland. Sigma workshop, København: Dansk Lithosfærecenter (DLC), May 1997.

8. Hamberg, L.; Larsen, M. 1997: Overgang fra turbidit- til fluvialt system langs en vulkansk margin: Eksempel fra Kridt/Tertiær, Kangerlussuaq, Østgrønland. Temamøde om turbiditter, Sedimentologisk Klub, København, April 1997.
9. Larsen, M. 1997: Charcut Bugt Formationen, Milne Land, sedimentologi og sekvensstratigrafi. Symposium - Østgrønlands jura. Bassinstudiegruppen, Københavns Universitet, Februar 1997.
10. Larsen, M. 1997: Clinoform beds i Charcot Bugt formationen, Østgrønland - tidalt indfluerede deltaer eller?. Dansk Sedimentologisk Forskningsgruppe, Årsmøde, København, Marts 1997.
11. Larsen, M.; Surlyk, F. 1997: Olympen Formationen, shelf margin delta og prodelta mass flows. Symposium - Østgrønlands jura. Bassinstudiegruppen, Københavns Universitet, Februar 1997.
12. Nøhr-Hansen, H.; Dam, G. 1997: Palynology across a new Cretaceous/Tertiary boundary section on Nuussuaq, West Greenland. Regional Committee on Northern Neogene Stratigraphy/Regional Committee on Northern Paleogene Stratigraphy - RCNNS/RCNPS, 6.biannual meeting, Karlslunde, September 1997.

1Gb.3.3. Sub-programme area 3: Hydrocarbon exploration and regional investigations in the Faroes

1. Andersen, M.S.; Egerton, P.; Hitchen, K.; Boldreel, L.O. 1997: Seismic facies analysis of volcanic rocks - a tool in the analysis of thick basaltic successions offshore the British Isles and the Faroes. 1st Mid Norwegian Continental Margin Conference, 1997.
2. Boldreel, L.O. 1997: Vertical movements during the Tertiary around the Faroes - seismic examples. Meeting on Neogene Tectonics across the North Atlantic, June 1997.

1Gb.4. Programme area 4: Raw materials and Greenland mapping

1Gb.4.1. Sub-programme area 1: Geological mapping and basic investigations in Greenland

1. Chadwick, B., Curtis, M. Garde, A.A., Grocott, J. Hamilton, M.A., McCaffrey, K. & Swager, C. 1997: Batholith emplacement, rapid fore-arc deposition and deformation in the Ketilidian orogen, S. Greenland. Tectonic Studies Group Annual Meeting, University of Durham, U.K., December, 1997.
2. Chadwick, B., Garde, A.A., Grocott, J. & Swager, C. 1997: Batholith-Forearc Structure in the Paleoproterozoic Ketilidian Orogen, SE Greenland. ECSOOT Lithoprobe Transect Meeting, Geological Survey of Canada, Ottawa, April 1997.
3. Garde, A.A., Grocott, J. Chadwick, B., & Swager, C. 1997: Emplacement of post-kinematic rapakivi granites in the Ketilidian orogen, South Greenland, ECSOOT Lithoprobe Transect Meeting, Geological Survey of Canada, Ottawa, April 1997.
4. Hamilton, M.A.; Garde, A.A. 1997: Synopsis of new U-Pb geochronological results from the Ketilidian orogen.. ESCOOT lithoprobe transect meeting, Geological Survey of Canada, Ottawa, April 1997.
5. Steenfelt, A. 1997: Ultrapotassisk magmatisme i Nagssugtoqiderne - et kuriosum? Petrologisk Klub, København, Maj 1997.

1Gb.4.3. Sub-programme area 3: Raw materials and construction work in Denmark

1. Knudsen, C. 1997: Råstofstrategi og teglværksler. Råstofmøde , København, Juni 1997.
2. Knudsen, C. 1997: Geologiske og geofysiske undersøgelser af Københavnkalken. Møde: Øresundsforbindelsen set med en geologs øjne. Dansk Geologisk Forening, Kastrup, September 1997.
3. Knudsen, C. 1997: The Øresund Link and the Copenhagen Metro: Engineering geology and raw materials. Nordisk Forskerseminar, 6. Råstoffer til bygge- og anlægsområdet. Lyngby: DTU, November 1997.
4. Pedersen, S.A.S.; Lindgreen, H.B. 1997: Diatomite investigations in Denmark. Meeting for Copernicus project ERBIC15CT960712, 1: Usage of amorphous silica and hydrous aluminosilicates for the production of building materials with improved properties. Hungarian Geological Survey, Budapest, February 1997.
5. Stenestad, E. 1997: Planning strategies for the extraction of marine aggregates in Northern Europe. European Conference for Mineral Planning. ECMP '97, Zwolle, Holland, April 1997.

1Gb.5. Programme area 5: Nature and environment

1Gb.5.1. Sub-programme area 1: Environmental history and climatic development

1. Anderson, N.J. 1997: Diatoms, climate and varves. Seminar, Hillerød: Ferskvandsbiologisk Laboratorium, October 1997.
2. Anderson, N.J. 1997: Climate change and ecological responses: benefits and problems of geological perspectives. Møde: Klimadebatten - geologisk set. Dansk Geologisk Forening, København, November 1997.
3. Bennike, O. 1997: Holocene terrestrial changes in ice free Greenland. Circum Arctic PaleoEnvironments (CAPE) workshop, 1: Holocene spatial and temporal patterns of environmental change in the Arctic, Lammi, Finland, April 1997.
4. Bennike, O. 1997: Geochronological and macrofossil studies of Late Quaternary submarine deposits from the south-western Baltic. Workshop on "Geological development of the southwestern Baltic Sea during the late Glacial and Holocene - an interdisciplinary approach", Szczecin, Poland, May 1997.
5. Bennike, O. 1997: Late Quaternary history of the south-western part of the Baltic Sea. NordFa workshop: Modelling of specific and sensitive coastal areas of the Baltic Sea, Vaasa, Finland, June 1997.
6. Bradshaw, R. 1997: Hur känslig är den svenska skogen för klimatförändringar? Scenarier för framtida klimatförändringar och eventuella risker för skogs- och lantbruk. National conference, Stockholm, Oktober 1997.
7. Bradshaw, R.; Odgaard, B.V.; Lindbladh, M.; Bjørse, G. 1997: Palaeoecology, biodiversity and conservation biology. Nordic conference on biodiversity and conservation biology, Uppsala, April 1997.
8. Bøggild, C.E. 1997: The role of ice sheet margins in the global climate system with special emphasis on the ablation areas. Ph.D.-lecture: Niels Bohr Institutet for Astronomi, Fysik og Geofysik, Københavns Universitet. March 1997.

9. Christensen, O.W. 1997: The predictive power of a precursor based on regional variations in crustal strain and pore pressures associated with large earthquakes. The Academy of Natural Sciences of Russia, Moscow, May 1997.
10. Jensen, J.B. 1997: Havbundssedimenter og strøminducerede bundformer i Femer Bælt - Arkona Bassinet, sydvestlige Østersø. Konference: Dansk Sedimentologisk Forskningsgruppe, Årsmøde, København, Marts 1997.
11. Jensen, J.B. 1997: Sequence stratigraphy of submarine Late Pleistocene and Holocene lake stages in the southwestern Baltic. Workshop on "Geological development of the southwestern Baltic Sea during the Late Glacial and Holocene - an interdisciplinary approach", Szczecin, Poland, May 1997.
12. Lemke, W.; Jensen, J.B.; Bennike, O.; Witkowski, A.; Kuijpers, A. 1997: Late Pleistocene and early Holocene sedimentation in the southwestern Baltic Sea - a sequence stratigraphical approach. IAS Regional European Meeting of Sedimentology, Heidelberg, September 1997.
- 12a. Mikkelsen, N. 1997: Palaeoclimatic investigations: Past achievements and future challenges. U.S. National Science Foundation and Danish Polar Center Workshop, Kangerlussuaq, Greenland, May 1997.
13. Møller, P.F. 1997: Hvilken indflydelse har skovdriften på den biologiske mangfoldighed? Seminar om projekt "Biologisk mangfoldighed i dansk naturskov", København, April 1997.
14. Møller, P.F. 1997: De danske skove set i landskabshistorisk, forstbotanisk og økologisk betydning. Foredrag og ekskursion. Skovenes økologi og feltbiologiske muligheder. Efteruddannelseskursus for seminariebiologer, Kongskilde, Sorø, September 1997.
15. Møller, P.F. 1997: Natur i skov - hvorfor det? Seminar for medlemmer af Statsskovbrugerråd, Silkeborg, September 1997.
16. Møller, P.F. 1997: Danmarks skove - status og problemer for naturskoven og den biologiske mangfoldighed.. Foredrag for forskere fra Sveriges Lantbruksuniversitet, Alnarp. København, November 1997.
17. Møller, P.F. 1997: Natursyn i skov. Foredrag og ekskursion ved efteruddannelseskursus for gymnasiebiologer, Hillerød, December 1997.
18. Odgaard, B.V. 1997: The detection of cyclical patterns in time series from laminated sediments. Workshop: Climate history as recorded by sensitive alpine lakes in Norden, Helsinki, January 1997.
19. Odgaard, B.V. 1997: Relationen mellem floristisk artsrigdom i terrestriske plantesamfund og pollen-diversitet i recente sø-sedimenter. Seminar, Botanisk Institut, Københavns Universitet, Marts 1997.
20. Odgaard, B.V. 1997: Heden i vegetationshistorien. Seminar: Lynghede og hedebrug i fortid og nutid, Institut for Forhistorisk Arkæologi, Moesgaard, April 1997.
21. Odgaard, B.V. 1997: Hede og husdyrgræsning i Vestjylland i forhistorisk tid. Seminar: Kulturlandskabets husdyr og bevaring af gamle landracer i Norden, Skarrildhus, Juni 1997.
22. Odgaard, B.V. 1997: Kulturlandskabet i geologisk perspektiv. Kulturmiljø - Kulturlandskab. Årsmøde for Amternes Landskabsmedarbejdere, Roskilde, September 1997.
23. Odgaard, B.V. 1997: Kan (for)historisk arealanvendelse rekonstrueres kvantitativt ? Seminar: Västkust vegetationshistoria och kulturlandskapsutveckling, Arkæologisk Institut, Gøteborg Universitet, November 1997.

24. Odgaard, B.V. 1997: Det agrare landskab fra Kristi fødsel til det 21. århundrede: kvantitative forandringer, årsager og regionalitet (AGRAR 2000). Forskningsrådendes seminar om tværrådsinitiativet, 2: Det agrare landskab i Danmark, Middelfart, November 1997.
25. Petterson, G.; Odgaard, B.V.; Anderson, N.J. 1997: High resolution studies of varves and climate at Kassjön, Northern Sweden. Combined Nord-Chill and Chill-10.000 Meeting, Jyllinge, December 1997.
26. Rasmussen, P. 1997: Fra skov til agerland. Om åbningen af det danske landskab. Forelæsning: Aarhus Universitet, Marts 1997.
27. Rasmussen, P. 1997: Cultural landscape development: a long term perspective. Møde med Svenska Naturvetenskapliga Forskningsrådet (NFR), København, October 1997.
28. Rasmussen, P. 1997: Muligheder og begrænsninger i kombinationen mellem arkæologisk og pollenanalytisk kildemateriale. Seminar: Västsvensk vegetationshistoria och kulturlandskapsutveckling. Arkeologiskt Naturvetenskapligt Laboratorium, Göteborg Universitet, November 1997.
29. Thomsen, H.H. 1997: Ice and ocean interaction - an example from North-East Greenland. Meeting with Svenska Naturvetenskapliga Forskningsrådet (NFR), København, October 1997.
30. Thomsen, H.H. 1997: Her spiser havet af Indlandsisen. Selskabet for Arktisk Teknologi, København, Oktober 1997.

1Gb.5.2. Sub-programme area 2: Soil, soil mapping and soil decontamination in Denmark

1. Pedersen, S.A.S. 1997: Rock mechanics in progressive glaciotectionic deformation. Midwest Glaciology Meeting, Madison, Wisconsin, May 1997.

1Gc. Posters with abstract

1Gc.3. Programme area 3: Energy resources

1Gc.3.1. Sub-programme area 1: Hydrocarbon exploration and regional investigations in Denmark and Overseas

1. Britze, P.; Japsen, P. 1997: The Late Jurassic to Cenozoic structural evolution of the Danish Central Graben area. Poster and abstracts. Conference on Petroleum Geology of NW Europe, 5, London, October 1997. Abstracts. Aberdeen : Conoco, 43.
2. Dybkjær, K. 1997: Palynological dating of the Mandal Formation : Uppermost Jurassic - Lowermost Cretaceous. Poster. Nordic Palynological Meeting, Sandbjerg, May/June 1997. Palyno-nytt **34**(October), 6.
3. Ineson, J.R.; Rasmussen, E.S. 1997: Mud-rich turbidites, sandy debrites and hot shales: the uppermost Farsund Formation on the flanks of the Gertud Graben, Danish Central Graben. Poster. Conference on Petroleum Geology of NW Europe, 5, Core display and discussion forum, London, October 1997. [S.l.] : [s.n.], 36.

1Gc.3.2. Sub-programme area 2: Hydrocarbon exploration and regional investigations in Greenland

1. Bojesen-Koefoed, J.A.; Christiansen, F.G.; Nunez-Betulu, L.K.; Nytoft, H.P.; Pedersen, H.I. 1997: Source rocks in the Arctic: hydrous pyrolysis of Cretaceous shales from Ellesmere Island, North West Territories, Canada. Poster and abstracts CSPG-SEPM Joint Convention, Calgary, June 1997. Program with abstracts. [S.I.] : SEPM, 42.
2. Bojesen-Koefoed, J.A.; Christiansen, F.G.; Nytoft, H.P.; Pedersen, A.K. 1997: Oil seepage onshore West Greenland: evidence of multiple source rocks and oil mixing. Poster and abstracts. Conference on Petroleum Geology of NW Europe, 5, London, October 1997. Abstracts. Aberdeen : Conoco, 85.
3. Larsen, M.; Hamberg, L.; Olaussen, S.; Stemmerik, L. 1997: The Kangerlussuaq Basin, East Greenland - an outcrop analogue to Cretaceous-Lower Tertiary basins offshore Norway and around the Faeroe Islands. Poster. Conference on Petroleum Geology of NW Europe 5, Core display and discussion forum, London, October 1997. [S.I.] : [s.n.], 15.
4. Nytoft, H.P.; Bojesen-Koefoed, J.A.; Christiansen, F.G.; Fowler, M.G. 1997: HPLC-separation of coeluting lupane and oleanane - confirmation of the presence of lupane in oils derived from terrigenous source rocks of Cretaceous - Tertiary age. Poster and abstracts. International Meeting on Organic Geochemistry, 18, Maastricht, September 1997. Abstracts. Part 1. [S.I.] : Forschungszentrum Jülich, 313-314.
5. Stemmerik, L.; Sønderholm, M.; Bojesen-Koefoed, J.A. 1997: Paleo-oilfield in a Silurian carbonate buildup, Wulff Land, North Greenland - implications for the hydrocarbon system. Poster and abstracts. CSPG-SEPM Joint Convention, Calgary, June 1997. Program with abstracts. [S.I.] : SEPM, 264.

1Gc. 3.5. Sub-programme area 5: Non-hydrocarbon sources of energy

1. Petersen, H.I. 1997: Naturally-formed char particles: morphology and derivation. Poster and abstract. International Committee for Coal and Organic Petrology meeting, 49, Wellington, October 1997. Final programme and abstracts. Wellington : Energy Research and Testing, CRL, 15.

1Gc.4. Programme area 4: Raw materials and Greenland mapping

1Gc.4.2. Sub-programme area 2: Raw materials in Greenland

1. Kragh, K. 1997: Sedimentary and diagenetic textures in the Citronen Fjord zinc-lead deposit, North Greenland. Poster and abstracts. Frank M. Vokes 70 Year Anniversary Symposium: Formation and metamorphism of massive sulphides, Trondheim, March 1997. Abstracts. [S.n.] : [s.l.], 2.
2. Steenfelt, A. 1997: High Ba-Sr-REE components in Early Proterozoic magmas within the Nagssugtoqidian orogen, West Greenland. Poster and abstracts. EUG symposium, 9, Strasbourg, March 1997. Terra Nova **9**, Abstracts supplement, **1**, 360.

1Gc.5. Programme area 5: Nature and environment

1Gc.5.1. Sub-programme area 1: Environmental history and climatic development

1. Bøggild, C.E. 1997: Climate and melting along the North and East-Greenland ice sheet margin : Poster. AGU 1997 Fall Meeting, San Fransisco, December 1997. EOS **78**(46) supplement, F14.
2. Mikkelsen, N; Maslin, M. 1997: Sea-level and gas hydrate controlled catastrophic failures of the Amazone Fan. Development of paleoceanography as a new field of science. Commemorating the 50th anniversary of the Albatross Expedition 1947-1948. Poster Abstract volume. Stockholm : Royal Swedish Academy of Science, 75.
3. Odgaard, B.V.; Rasmussen, P.; Anderson, N.J. 1997: The macrofossil record of 20th century submerged vegetation dynamics in shallow Danish lakes. Poster and abstract. International Symposium on Palaeolimnology, 7, Heiligkreuztal, Riedlingen, August/September 1997. Abstract volume, Würzburger geographische Manuskripte, **41**, 153-154.
4. Thomsen, H.H.; Olesen, O.B.; Starzer, W.; Bøggild, C.E. 1997: Studies of bottom melting, surface mass balance and dynamics of a Floating glacier tongue in North-East Greenland. Poster. AGU 1997 Fall Meeting, San Fransisco, December 1997. EOS **78**(46) supplement, F14.

1Gc.5.2. Sub-programme area 2: Soil, soil mapping and soil decontamination in Denmark

1. Jakobsen, P.R. 1997: Glaciotectonic variability and its implementation in hydrogeological models. Poster and abstract. Field symposium on glacial geology at the Baltic Sea Coast in northern Germany, University of Kiel, September 1997. Abstract of papers and posters. [S.I.] : INQUA Commission on Glaciation. The Peribaltic Group, 12.

1Gd. Posters without abstract

1Gd.2. Programme area 2: Water resources

1Gd.2.1. Sub-programme area 1: Groundwater monitoring and mapping

1. Hansen, M. 1997: Validation of geological models against a geological database. Poster. European Water Resources Association, Conference on Operational Water Management, København, September 1997.
2. Hansen, M.; Jensen, D.N. 1997: Statistical modelling of partial clay cover. Poster. Environmental and Engineering geophysics meeting, 3. Århus, September 1997. Proceedings / Christensen, N.B. (ed.). Århus: Environmental and Engineering Geophysical Society European Section EEGS-ES.
3. Hinsby, K. 1997: Palaeaux - management of coastal aquifers in Europe, paleowaters, natural controls and human influence. Poster. European Water Resources Association, Conference on Operational Water Management, København, September 1997.

4. Hinsby, K.; Harrar, B.; Nyegaard, P. 1997: The Ribe Formation - a deep-seated coastal aquifer in western Denmark. Poster. European Water Resources Association, Conference on Operational Water Management, København, September 1997.
5. Jacobsen, O.S.; Vinther, F.P. 1997: Semi-automatic field station for monitoring agricultural leaching of nutrients and pesticides. Poster. Field Screening Europe, Karlsruhe, September/October 1997.

1Gd.3. Programme area 3: Energy resources

1Gd.3.1. Sub-programme area 1: Hydrocarbon exploration and regional investigations in Denmark and Overseas

1. Poulsen, N.E. 1997: Oxfordian dinoflagellate cyst zonation of Subboreal North-West Europe. Poster. Oxfordian Meeting, Geological Institute, University of Warsaw, Poland, May 1997.

1Gd.3.3. Sub-programme area 3: Hydrocarbon exploration and regional investigations in the Faroes

1. Kjørboe, L. 1997: Stratigraphic relationships of the Early Tertiary successions of the Faeroe Basalt Plateau and the Faeroe Basin. Poster. Conference on Petroleum Geology of NV Europe, 5, London, October 1997.

1Gd.4. Programme area 4: Raw materials and Greenland mapping

1Gd.4.1. Sub-programme area 1: Geological mapping and basic investigation in Greenland

1. Sønderholm, M.; Tirsgaard, H. 1997: Proterozoic carbonate platform deposits of the Ymer Ø Group (Eleonore Bay Supergroup), East Greenland: response to relative sea-level change. Poster. Conference on Precambrian Sedimentation Systems, Pretoria, October 1997.

1Gd.5. Programme area 5: Nature and environment

1Gd.5.1. Sub-programme area 1: Environmental history and climatic development

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2. Poulsen, N.E. 1997: Neogene dinoflagellate cyst palaeoclimatology and palaeoenvironment of the Lille Tønde borehole, southern Jylland, Denmark and of Karl-1 borehole, Central Graben in the Danish North Sea area. Poster. European Research Conference on Palaeoclimate Modelling and Quaternary Palaeoclimate Analysis, Castelveccchio Pascoli, Italy, May 1997.
3. Rasmussen, P.; Christensen, K. 1997: The mid-Holocene Ulmus decline: a new way to evaluate the pathogen hypothesis. Poster og abstracts. European Research Conference on

the ecological setting of Europe: From the past to the future. The impact of humans on the environment of Europe since the end of the ice age, Castelvechio Pascoli, Italy, September 1997.

2A. Public available reports

2A.1. Programme area 1: Data banks, information technology and general presentation

2A.1.1. Sub-programme area 1: Data banks in the areas of environment, energy, raw materials and nature

1. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/14**.
Review on geophysical data from the Danish sector. Volume 1 (Text and enclosures) and Volume 2 (Enclosures). 22 pp.
2. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/15**.
Well data summary sheets. Volume 17: Danish North Sea and Baltic Sea. 69 pp.
3. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/16**.
Well data summary sheets. Volume 18: Danish North Sea. 58 pp.
4. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/17**.
Well data summary sheets. Volume 19: Danish North Sea and Baltic Sea. 38 pp.
5. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/18**.
Well data summary sheets. Volume 20: Danish North Sea. 120 pp.
6. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/19**.
Well data summary sheets. Volume 21: Danish North Sea. 116 pp.
7. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/20**.
Well data summary sheets. Volume 22: Danish North Sea. 126 pp.
8. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/21**.
Well data summary sheets. Volume 23: Danish North Sea. 143 pp.
9. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/22**.
Well data summary sheets. Volume 24: Central Graben wells. 131 pp.
10. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/23**.
Well data summary sheets. Volume 25: North Sea wells from outside the Central Graben area. 112 pp.
11. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/24**.
Well data summary sheets. Volume 26: Central Graben wells. 142 pp.
12. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/25**.
Well data summary sheets. Volume 27: Released wells from southern Jylland. 152 pp.
13. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/26**.

Well data summary sheets. Volume 28: Released wells from northern Jylland (part 1). 135 pp.

14. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/27**.
Well data summary sheets. Volume 29: Released wells from northern Jylland (part 2). 146 pp.
15. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/28**.
Well data summary sheets. Volume 30: North Sea wells. 43 pp.
16. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/58**.
Well data summary sheets. Special volume. New releases from late 1996 to early 1997. 29 pp.
17. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/66**.
GEUS lithostratigraphic database in digital format. Including depth and two-way time to formation tops in Danish exploration- and appraisal wells. June 1997. 10 pp. + floppy diasc.
18. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/67**.
The Danish sector - Well data and geophysical data. Prices and sales conditions. 13 pp.
19. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/118**.
Well data summary sheets. Volume 31: Released wells from western, central and eastern Jylland. 113 pp.
20. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/119**.
Well data summary sheets. Volume 32: Released wells from the Danish islands and Kattegat. 118 pp.

2A.1.2. Sub-programme area 2: Information technology

1. Hermansen, B. 1997: GIS as a tool in regional planning and sectoral studies/plans. District planning in Latvia: Pilot study in Kuldiga District. Danish experience on spatial planning. Workshop Report, Vejle, April 1997 / Rasmussen, J.B. (ed.). [S.I.] : COWI, 58-61.

2A.1.3. Sub-programme area 3: General presentation

1. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/1**.
Laursen, K.: Advanced Scanning Electron Microscope Analyses at GEUS. 24 pp.
2. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/4**.
Jeppesen, D.K.; Christensen, J.S.: Litteratursøgning : Stratigrafi. 22 pp.
3. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/64**.
Katz, B.: Skabelonvejledning til Danmarks og Grønlands Geologiske Undersøgelse Rapport-serie skrevet i Word. 12 pp.
4. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/112**.
Christensen, O.W.; Stenestad, E.: GEUS' kvalitetshåndbog. 18 pp.
5. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/116**.
Dawes, P.R.; Glendal, E.W.: Publications in English of the Geological Survey of Denmark and Greenland : the scientific series and other issues. Publications Committee: Report No. 3. 39 pp.
6. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/137**.

2A.2. Programme area 2: Water resources

2A.2.1. Sub-programme area 1: Groundwater monitoring and mapping

1. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/50**.
Henriksen, H.J.; Madsen, B.: National vandressource model. Årsrapport - Status 1996. 12 pp.
2. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/95**.
Nilsson, B.; Aamand J.: Overvågningsrapport Skrydstrup kemikalieaffaldsdepot. Anden tilstandsrapport. (Sommeren 1996 - foråret 1997. 29 pp.
3. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/131**.
Nilsson, B.: Revideret program for overvågning af forureningsspredningen fra Skrydstrup Kemikalieaffaldsdepot. Udarbejdet for Sønderjyllands Amtskommune. 15 pp.
4. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/139**.
Henriksen, H.J.; Knudby, C.J.; Rasmussen, P.; Nyegaard, P.: National vandressource model. Modelopstilling og kalibrering for Fyn. 94 pp.
5. Grant, R.; Blicher-Mathiesen, G.; Andersen, H.E.; Laubel, A.R.; Jensen,, P.G.; Rasmussen, P. 1997: Landovervågningsoplände : Vandmiljøplanens overvågningsprogram 1996. Faglig rapport fra DMU, **210**. 141 pp.
6. Hinsby, K. (contributor) 1997: Dating of groundwater by isotope methods. PALAEAUX: management of coastal aquifers in Europe: Paleowaters, natural controls and human influence. Annual report, 1. EC Framework Programme, 4, Climatology and Natural Hazards. ENV4-CT95-0156 / Edmunds, W.M. (ed.) - Keyworth : British Geological Survey, 59-62.
7. Hinsby, K.; Edmunds, W.M. 1997: Palaeo/modern water interface. PALAEAUX: management of coastal aquifers in Europe: Paleowaters, natural controls and human influence. Annual report, 1. EC Framework Programme, 4, Climatology and Natural Hazards. ENV4-CT95-0156 / Edmunds, W.M. (ed.). Keyworth : British Geological Survey, 73-74.
8. Hinsby, K.; Harrar, W.G. 1997: Coastal deep-seated aquifers in SW Jylland, Denmark. PALAEAUX: management of coastal aquifers in Europe: Paleowaters, natural controls and human influence. Annual report, 1. EC Framework Programme, 4, Climatology and Natural Hazards. ENV4-CT95-0156 / Edmunds, W.M. (ed.). Keyworth : British Geological Survey, 11-14.
9. Kelstrup, N. 1997: Groundwater : Template for sector report. District planning in Latvia: Pilot study in Kuldiga district. COWI Report No. 30602-008. 25 pp.
10. Nixon, S.C. (ed.); Gravesen, P. (contributor); Langtofte, C. (contributor); Kelstrup, N. (contributor): European freshwater monitoring network design : Inland waters. European Environmental Agency, Topic report **10**, 129 pp.
11. Stockmarr, J. 1997: Nyamandhlovu aquifer and Nyamandhlovu to Bulawayo water pipeline project : Environment impact assessment. Zimbabwe. Project completion report. København, GEUS, 23 pp + 3 bilag.

2A.2.2. Sub-programme area 2: Hydrology, groundwater pollution and protection

1. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/51**.
Thomsen, E.: Udvikling og afprøvning af nye metoder til bestemmelse af pesticiders forekomst og nedbrydning i grundvand. Midtvejsstatus for GEUS projektkontrakt. 23 pp.
2. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/115**.
Knudsen, C.: Nikkel og flour i grundvand. Kildeopsporing i Roskilde og Storstrøms Amter. 25 pp.
3. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/127**.
Malinowski, D.; Klint, K.E.S.: Geotekniske undersøgelser af moræneler ved Flakkebjerg. Foreløbige resultater af geotekniske undersøgelser ved Flakkebjerg. SMP 96. 21 pp.
4. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/154**.
Klint, K.E.; Jakobsen, P.R.: Sprækker i moræneler ved Haslev. Undersøgelse af sprækkers optræden. Oprindelse og udbredelse på tjæreforurenet grund i Haslev (tidligere Haslev Gasværk). 25 pp.

2A.2.3. Sub-programme area 3: Groundwater abstraction and hydraulic power exploitation

1. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/9**.
Morthorst, J.: Ny kildeplads ved Lautrupgård II, Ballerup Kommune, Vandforsyningen. Udførelse og test af ny indvindingsboring. 15 pp.

2A.3. Programme area 3: Energy resources

2A.3.1. Sub-programme area 1: Hydrocarbon exploration and regional investigations in Denmark and Overseas

1. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/52**.
Johannessen, P.N.; Gravesen, P.; Nielsen, L.H.: Jurassic and Cretaceous depositional environments and stratigraphy. Field trip guidebook, Bornholm, Denmark. Arranged for Phillips Petroleum International Company, Denmark, and licence 5/95 partners. 38 pp.
2. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/57**.
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3. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/68**.
Andsbjerg, J.: Sedimentology and sequence stratigraphy of Middle Jurassic deposits. Danish and Norwegian Central Graben. Ph.D. thesis. 213 pp, 83 pls.
4. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/69**.
Andsbjerg, J.; Dybkjær, K.: Jurassic sequence stratigraphy of the Danish Central Graben - a contribution to the EFP-92 project: Jurassic sequence stratigraphy of the Danish Central Graben. 32 pp.
5. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/70**.
Japsen, P.; Britze, P.; Andersen, C.: Structural mapping of the Upper Jurassic-Lower Cretaceous in the Danish Central Graben - a contribution to the EFP-92 project: Jurassic sequence stratigraphy of the Danish Central Graben. 14 pp.

6. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/71**.
Andsbjerg, J.: Sedimentology and sequence stratigraphy of the Bryne Formation; Middle Jurassic, Danish Central Graben - a contribution to the EFP-92 project: Jurassic sequence stratigraphy of the Danish Central Graben. 60 pp.
7. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/72**.
Johannessen, P.N.: Depositional environments and sequence stratigraphy of Upper Jurassic reservoir sandstones in the northern part of the Danish Central Graben - a contribution to the EFP-92 project: Jurassic sequence stratigraphy of the Danish Central Graben. 78 pp.
8. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/73**.
Hoelstad, T.: Middle to Upper Jurassic and Lower Cretaceous biostratigraphy of the Danish Central Graben (wells drilled before 1990): - a contribution to the EFP-92 project: Jurassic sequence stratigraphy of the Danish Central Graben. 150 pp.
9. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/74**.
EFP-92 project: Jurassic sequence stratigraphy of the Danish Central Graben. ENS Journal No. 1997: 1313/92 - 0002. Completion report to the Danish Energy Agency. (GEUS reports included in this report: 69-1997 to 73-1997). 4 pp.
10. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/87**.
Konradi, P. (ed.); Heilmann-Clausen, C. (ed.): RCNNS/RCNPS 6. Joint Biannual Meeting Denmark, 1-5 September 1997, Karlsruhle Conference Center. Regional Committee on Northern Neogene Stratigraphy and Regional Committee on Northern Paleogene Stratigraphy. Abstract and Conference Programme. GEUS and Geological Institute, University of Aarhus. 34 pp.
11. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/91**.
Johannessen, P.N.; Gravesen, P.; Nielsen, L. H.: Mesozoic depositional environments and stratigraphy. Field trip guidebook, Bornholm, Denmark. Arranged for : Norsk Hydro A/S. 37 pp.
12. Danmarks og Grønlands Geologiske Undersøgelse Rapport **1997/97**.
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