

## Publications:

Author or coauthor of:

Oral and Poster conference presentations:	Approximately 80
Peer reviewed publications:	Approximately 55
Miscellaneous publications:	7
Industry service reports and other reports:	Approximately 80

### Peer reviewed publications:

1. Marcussen, C., F. G. Christiansen, P.-H. Larsen, H. Olsen, S. Piasecki, L. Stemmerik, J. Bojesen-Koefoed, H. F. Jepsen & H. Nøhr Hansen, 1987, Studies of the onshore hydrocarbon potential in East Greenland 1986-87: field work from 72° to 74°N, Geological Survey of Greenland, report no. 135, pp. 72-80
2. Kanev, S. V., L. Margulis, J. A. Bojesen-Koefoed, W. A. Weil, H. Merta & O. Zdanaviciute, 1994. Oils and hydrocarbon source rocks of the Baltic Syncline, Oil and Gas Journal, vol. 92, no. 28, pp. 69-72
3. Bojesen-Koefoed, J. A., F. G. Christiansen, H. P. Nytoft & H. I. Petersen, 1995. Resinite-rich coals of Northeast Greenland - geochemistry of an unusual petroleum source rock. In: Grimalt, J. O. & Dorronsoro, C. (eds.) Organic Geochemistry: developments and applications to energy, climate, environment and human history - Selected papers from the 17th International Meeting on Organic Geochemistry 4-8th September 1995, Donastia - San Sebastian, pp. 195-197
4. Bojesen-Koefoed, J. A., H. P. Nytoft & M. Amin Dejkam, 1995, Hydrous pyrolysis of upper Farsund Formation (Volgian-Ryazanian) "hot shales" from the southern Central Trough, German North Sea Sector. In: Grimalt, J. O. & Dorronsoro, C. (eds.) Organic Geochemistry: developments and applications to energy, climate, environment and human history - Selected papers from the 17th International Meeting on Organic Geochemistry 4-8th September 1995, Donastia - San Sebastian, pp. 530-531
5. Bojesen-Koefoed, J. A., H. P. Nytoft, K. Dybkjær, J. R. Ineson & L. H. Nielsen, 1995. Organic geochemistry of a marine "hot shale" - the early Ryazanian "Hot Unit" from the Danish North Sea. In: Grimalt, J. O. & Dorronsoro, C. (eds.) Organic Geochemistry: developments and applications to energy, climate, environment and human history - Selected papers from the 17th International Meeting on Organic Geochemistry 4-8th September 1995, Donastia - San Sebastian, pp. 232-234
6. Petersen, H. I., J. A. Bojesen-Koefoed & E. Thomsen, 1995. Coal-derived petroleum in the Middle Jurassic Bryne Formation in the Danish North Sea - a new type of play. In: Grimalt, J. O. & Dorronsoro, C. (eds.) Organic Geochemistry: developments and applications to energy, climate, environment and human history - Selected papers from the 17th International Meeting on Organic Geochemistry 4-8th September 1995, Donastia - San Sebastian, pp. 473-475
7. Christiansen, F. G., J. A. Bojesen-Koefoed, G. Dam, H. P. Nytoft, L. M. Larsen, A. K. Petersen & T. C. R. Pulvertaft, 1996. The Marraat oil discovery on Nuussuaq, West Greenland: evidence for a latest Cretaceous - earliest Tertiary oil-prone source rock in the Labrador Sea - Melville Bay region. Bulletin of Canadian Petroleum Geology 44, pp. 39-54
8. Bojesen-Koefoed, J. A., F. G. Christiansen, H. I. Petersen, S. Piasecki, L. Stemmerik & H. P. Nytoft, 1996. Resinite-rich coals of Northeast Greenland - a hitherto unrecognized highly oil-prone Jurassic source rock. Bulletin of Canadian Petroleum Geology 44, 458-473

9. Bojesen-Koefoed, J. A. 1996. Organic matter mineralization and the effects of petroleum pollution in a shallow-marine sediment - a case study from Århus Bugt, Denmark. Proceedings of the 5th MARSKAT meeting, NGU Bulletin 430, 117-127
10. Petersen, H. I., Bojesen-Koefoed, J. A. & Nytoft, H. P. 1996. Depositional environment and burial history of a Lower Cretaceous carbonaceous claystone (Skyttegård Member) Bornholm, Denmark. Bulletin of the Geological Society of Denmark 43, 133-142
11. Petersen, H. I., Bojesen-Koefoed, J. A., Surlyk, F. & Vosgerau, H. 1997. Relative sea-level changes recorded by the organic petrographic and geochemical composition of Jurassic coals. Extended abstract, "Coal geology workshop: sequence stratigraphy applied to coal-bearing strata: quo vadis?", Hasselt, Belgium, March 1997
12. Zdanaviciute, O. & Bojesen-Koefoed, J. A. 1997. Geochemistry of Lithuanian oils and source rocks: a preliminary assessment. Journal of Petroleum Geology 20, 381-402
13. Stemmerik, L., Sønderholm, M. & Bojesen-Koefoed, J. A. 1997. Paleo-oil field in a Silurian carbonate buildup, Wulff Land, North Greenland: project "Resources of the sedimentary basins of North and East Greenland". Geology of Greenland Survey Bulletin 176, 24-28
14. Bojesen-Koefoed, J. A., H. I. Petersen, F. Surlyk & H. Vosgerau, 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.
15. Petersen, H. I., Bojesen-Koefoed, J. A., Nytoft, H. P., Surlyk, F., Therkelsen, J., & Vosgerau, H. 1998. Relative sea-level changes recorded by paralic liptinite-enriched coal facies cycles, Middle Jurassic Muslingebjerg Formation, Hochstetter Forland, Northeast Greenland. International Journal of Coal Geology 36, 1-29
16. Petersen, H. I., Andsbjerg, J., Bojesen-Koefoed, J. A., Nytoft, H. P. & Rosenberg, P. 1998. Petroleum potential and depositional environments of Middle Jurassic coals and non-marine deposits, Danish Central Graben, with special reference to the Søgne Basin. Geology of Denmark Survey Bulletin 36, 78pp.
17. Zdanaviciute, O., Khubldikov, A. I. & Bojesen-Koefoed, J. A. 1998. Geology and oil geochemistry of the eastern part of the Baltic Syncline. In: Suveizdis, P. & Zdanaviciute, O. (eds.) Perspectives of petroleum exploration in the Baltic Region – Proceedings of the International Conference, 21-24 october, 1998, Vilnius, Lithuania. pp. 58-65
18. Dam, G., Nøhr-Hansen, H., Christiansen, F. G., Bojesen-Koefoed, J. A. & Laier, T. 1998. The oldest Cretaceous sediments in West Greenland (Umiivik-1 borehole, Svartenhuk Halvø) - record of the Cenomanian – Turonian anoxic event?. Geology of Greenland Survey Bulletin, Review of Greenland activities 1997, 128-137
19. Christiansen, F. G., Boesen, A., Bojesen-Koefoed, J. A., Dalhoff, F., Dam, G., Neuhoff, P. S., Pedersen, A. K., Pedersen, G. K., Stannius, L. S. & Zinck-Jørgensen, K. 1998. Petroleum geological activities onshore West Greenland in 1997. Geology of Greenland Survey Bulletin, Review of Greenland activities 1997, 10-17
20. Bojesen-Koefoed, J. A., Christiansen, F. G., Nytoft, H. P. & Pedersen, A. K. 1999. Oil seepage onshore West Greenland: evidence of multiple source rocks and oil mixing. In Fleet, A. S & Boldy, S. (eds.) Petroleum Geology of NW-Europe, proceedings of the 5th Conference, 305-314

21. Nytoft, H. P. Bojesen-Koefoed, J. A. & Christiansen, F. G. 2000. C26 and C28-34 28-norhopanes in sediments and petroleum. *Organic Geochemistry* 31, 25-40
22. Vosgerau, H., J. A. Bojesen-Koefoed, H. I. Petersen & F. Surlyk 2000. Forest fires, climate, and sea-level changes in a coastal plain shallow marine succession (Early - Middle Oxfordian Jakobsstigen Formation, North-East Greenland). *Journal of Sedimentary Research* 70, 408-418
23. Petersen, H. I., Andsbjerg, J. Bojesen-Koefoed, J. A. & Nytoft, H. P. 2000. Source rock evaluation and petroleum geochemistry of the coal-generated Lulita field, Danish North Sea. *Journal of Petroleum Geology* 23, 55-99
24. Petersen, H. I., Andersen, C., Anh, P. H., Bojesen-Koefoed, J. A., Nielsen, L. H., Nytoft, H. P., Rosenberg, P. and Thanh, L. 2001. Petroleum potential of Oligocene lacustrine mudstones and coals at Dong Ho, Vietnam – an immature outcrop analogue to possible terrestrial source rocks in the greater Song Hong Basin. *Journal of Asian Earth Sciences* 19, 135-154
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26. Bojesen-Koefoed, J. A. Dam, G., Nytoft, H. P., Pedersen, G. K. & Petersen, H.I., 2001: Drowning of a nearshore peat-forming environment Atane Formation (Cretaceous) at Asuk, West Greenland: sedimentology, organic petrography and geochemistry. *Organic Geochemistry* 32, 967-980
27. Petersen, H. I., Bojesen-Koefoed, J. A. & Nytoft, H. P. 2002. Source rock evaluation of Middle Jurassic coals, northeast Greenland, by artificial maturation: aspects of petroleum generation from coal. *AAPG Bulletin* 86, 233-256
28. Nytoft, H. P., Bojesen-Koefoed, J. A., Christiansen, F. G. & Fowler, M. G. 2002. Oleanane or lupane - reappraisal of the presence of oleanane in Late Cretaceous - Tertiary oils and sediments. *Organic Geochemistry* 33, 1225-1240
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30. Sivhed, U., Erlström, M., Bojesen-Koefoed, J. A., and Löfgren, A. 2004. Upper Ordovician carbonate mounds on Gotland, central Baltic Sea: distribution, composition and reservoir characteristics. *Journal of Petroleum Geology* 27, 115-140
31. Bojesen-Koefoed, J.A., Nytoft, H. P. & Christiansen, F. G. 2004. Age of oils in West Greenland: was there a Mesozoic seaway between Greenland and Canada? *Geological Survey of Denmark and Greenland Bulletin* 4, 49-52
32. Dahl, B., Bojesen-Koefoed, J. A. Holm, A., Justwan, H., Rasmussen, E. & Thomsen, E. 2004. A new approach to interpreting Rock-Eval S2 and TOC data for kerogen quality assessment. *Organic Geochemistry* 35, 1461-1477
33. Bojesen-Koefoed, J. A., Nielsen, L. H., Nytoft, H. P., Petersen, H. I., Nguyen Thi Dau, Le Van Hien, Nguyen Anh Duc and Nguyen Huy Quy 2005 Geochemical characteristics of oil seepages from Dam Thi Nai, central Vietnam: implications for hydrocarbon exploration in the offshore Phu Khanh Basin. *Journal of Petroleum Geology* 28, 3-18
34. Boldreel, L.O., Nielsen, L.H., Thang, L.D., Huyen, N.T, Huong, D.T., Fyhn, M.B.W., Mathiesen, A. I. Reid, Bojesen-Koefoed, J., Petersen, H.I., Kruse, M., Duc, N.A. & Abatzis, I. (2005): The Phu Khanh

Basin - aspects of structural evolution and hydrocarbon potential. In: 30 years Vietnam Petroleum Industry Science Technology Conference. New Challenges and Opportunities, 24-25 August, Hanoi. CD-Rom.

35. Boldreel, L.O., Fyhn, M.B.W, Reid, I., Kruse, J.M. Nielsen, L.H., Mathiesen, A., Bojesen-Koefoed, J.A., Petersen, H.I., Abatzis, I., Thang, L.D., Huyen, N.T., Houg, D.T. & Duc, N.A 2005: Be Phu Khanh: Qua trinh phat trien cau truc va tiem nang dau khi. In: (Lieu, O.N.D. et al. Eds) 30 Nam Dau khi Viet Nam, Quyen 1, 24-25 August, Hanoi Vietnam p. 287-304.
36. Pedersen, G. K., Andersen, L. A., Lundsteen, E. B., Petersen, H. I., Bojesen-Koefoed, J. A. and Nytoft, H. P., 2006: Depositional environments, organic maturity and petroleum potential of the Cretaceous coal-bearing Atane Formation at Qullisat, Nuussuaq Basin, West Greenland, *Journal of Petroleum Geology* 29, 3-26
37. Bojesen-Koefoed, J. A. & Nytoft, H. P. 2006: The deepened Lopra-1/1A re-entry well: petroleum geochemistry. *Geological Survey of Denmark and Greenland Bulletin* vol. 9. 17-40
38. Johannes, I, Kruusement, K, Palu, V, Veski, R. & Bojesen-Koefoed, J. A. 2006: Evaluation of oil potential of Estonian shales and biomass using Rock-Eval analyzer. *Oil Shale* 23, 110-118
39. Johannes, I, Kruusement, K, Veski, R. & Bojesen-Koefoed, J. A. 2006: Characterization of pyrolysis kinetics by Rock-Eval basic data. *Oil Shale* 23, 249-257
40. Dalhoff, F., Larsen, L. M., Ineson, J. R., Stouge, S., Bojesen-Koefoed, J. A., Lassen, S., Kuijpers, A., Rasmussen, J. A., & Nøhr-Hansen, 2006: Continental crust in the Davis Strait: new evidence from seabed sampling. *Geological Survey of Denmark and Greenland Bulletin* 10, 33-36
41. Bojesen-Koefoed, J. A., Bidstrup, T., Christiansen, F. G., Dalhoff, F., Gregersen, U., Nytoft, H. P., Nøhr-Hansen, H., Pedersen, A. K., and Sønderholm, M., 2007: Petroleum seepages at Asuk, Disko, West Greenland: implications for regional petroleum exploration, *Journal of Petroleum Geology* 30 (3) 219-236
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43. Solevic, T, Stojanovic, K., Bojesen-Koefoed, J., Nytoft, H. P., Jovancicevic, B., Vitorovic, D., 2008: Origin of oils in the Velebit oil-gas field, SE Pannonian Basin, Serbia – Source rocks characterization based on biological marker distributions. *Organic Geochemistry* 39, 118-134
44. Fyhn, M. B. W., Nielsen, L. H., Boldreel, L. O., Le D. Thang, Bojesen-Koefoed, J. , Petersen, H. I. Nguyen T. Huyen, Nguyen A. Duc, Nguyen T. Dau, Mathiesen, A., Reid, I., Dang T. Huong, Hoang A. Tuan, Le V. Hien, Nytoft, H. P., Abatzis, I. 2009, Geological evolution, regional perspectives and hydrocarbon potential of the northwest Phu Khanh Basin, offshore Central Vietnam. *Marine and Petroleum Geology* 26, 1-24
45. Petersen, H. I., Nielsen, L. H., Bojesen-Koefoed, J. A., Mathiesen, A., Kristensen, L. & Dalhoff, F. 2008: Petroleum potential of the Norwegian-Danish Basin. *Geological Survey of Denmark and Greenland Bulletin* 16, 66pp.
46. Petersen, H. I., Sherwood, N., Mathiesen, A. Fyhn, M. B. W., Dau, N. T., Russell, N., Bojesen-Koefoed, J. A. & Nielsen, L. H., 2009: Application of integrated vitrinite reflectance and FMM analyses to solve problems in thermal maturity assessment of the northeastern Malay Basin, offshore SW Vietnam: implications for petroleum prospectivity evaluation. *Marine and Petroleum Geology* 26, 319-332

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48. Bojesen-Koefoed, J. A., Nytoft, H. P. Nguyen Thi Dau, 2009, Petroleum composition in the Cuu Long Basin (Mekong Basin) offshore southern Vietnam. *Marine and Petroleum Geology* 26, 899-908
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50. Bojesen-Koefoed, J. A., Bjerager, M. & Piasecki, S. 2009: Shallow core drilling and petroleum geology related fieldwork in Northeast Greenland 2008. *Geological Survey of Denmark and Greenland Bulletin (ROSA 2008)* 17, 53-56
51. Petersen, H. I., Bojesen-Koefoed, J. A. & Mathiesen, A. 2010. Variations in composition, petroleum potential and kinetics of Ordovician – Miocene type I and type I-II source rocks (oil shales): implications for hydrocarbon generation characteristics. *Journal of Petroleum Geology*, 33(1), 19-42
52. Fyhn, M. B. W., Petersen, H. I., Mathiesen, A., Nielsen, L. H., Pedersen, S.A.S., Lindström, S., Bojesen-Koefoed, J. A., Abatzis, I., Boldreel, L. O., 2010 Vietnamese sedimentary basins: geological evolution and petroleum potential. *Geological Survey of Denmark and Greenland Bulletin* 20, 91-94
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55. Duc, N.A, Huyen, N.T., Dau, N.T., Mai, L.C., Nielsen, L.H., Abatzis, I., Fyhn, M.B.W, Petersen, H.I. & Bojesen-Koefoed, J.A. 2011: ENRECA Project Phase I, II, III from 2001 to 2011: contributions to geological understanding and petroleum potential assessment of sedimentary basins in Vietnam. *Petro Vietnam Journal*, vol 10 p 10-21.