

Mikkel Sørensen
Associate Professor
SAXO-Institute - Archaeology, Ethnology, Greek & Latin, History
Postal address:
Karen Blixens Plads 8
2300
København S
Email: miksr@hum.ku.dk
Phone: +4551298848
Web address: <http://www.saxo.ku.dk>, <https://www.saxo.ku.dk>



Short presentation

My principal research topics are

Prehistoric hunter-gatherer societies of northern Europe and the eastern Arctic

Climate change research in human science

Prehistoric Lithic Technology

the Chaine operatorie methodology

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Ongoing and previous research projects

2018- (ongoing). The first people in Greenland: Migrations and colonisation processes in the Thule Region. Objective:

To analyse the palaeo-eskimo archaeological material stored at the Thule Museum, in order to describe the first habitations in the Thule region (c. 2500 BC) and the further processes of palaeo-eskimo settlements in the region.

2018- (ongoing). "Fading Heritage": Network for wetland preservation of Mesolithic sites in Northern Europe. The project aims to establish funding and research to investigate and understand the preservation of our earliest history in in situ contexts.

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2008 – 2018. Pioneer settlements and lithic technology in Scandinavia during the Mesolithic period (9600-4000BC). The project is part of the Nordic Blade Technology Network. <http://www.nordicbladetechnologynetwork.se/>

2009-2012. "The human factor in climate change". Objective: **Climate change and human strategy: Arctic hunter-gatherer in a long term perspective.** Post.doc. University of Copenhagen, Faculty of Humanities, Department of Prehistoric

Archaeology.

2007-2009. *The GeoArk Project, - Climate, Man and Environment in Northeast Greenland.* Objective: to understand the cultural history in Northeastern Greenland in relation to changes in environment and climate during the Holocene. Post.doc at SILA-The Arctic research centre at the National Museum of Denmark. The Geo-Ark Project is an interdisciplinary project between the Humanities, the Natural sciences, researchers from Institute of Geography and Geology, University of Copenhagen and the Zoological Museum, SNM, University of Copenhagen. (August 1, 2007 – May 1, 2009, (full time))

2006-2007. *The Archaeology of Old Nuullit: Eigil Knuth's investigations in the Thule region, North Greenland, from 1952 – 1990.* Objective: to investigate, re-interpret and publish the material and information from E.Knuths field research at Nuullit, Thule. Post.doc at SILA-The Arctic research centre at the National Museum of Denmark. Project financed by the Peary Land Foundation and SILA. (October 1, 2006 – July 30, 2007, (from October – December half time, from December to July full time))

2002-2006. *Technology and Tradition in the Eastern Arctic 2500 BC – 1200 AD.* Objective: to analyse the lithic technology in the palaeo-Eskimo traditions of the Eastern Arctic, using a dynamical technological methodology and the *chaîne opératoire* concept. Phd. Project, University of Copenhagen, financed by SILA – the Greenland Research Centre at the National Museum of Denmark. (March 1, 2002 – November 1, 2005 (full time))

Publications

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Maglemosian in contact — The disruptive invention of stone pressure flaking on the curve crutch 7000 cal BC

David, E., Sørensen, Mikkel, Diemer, S., Santaniello, F. & Vatsvåg Nielsen, S., 2023, *Contact, circulation, exchange. : Proceedings of the Modified Bone & Shell UISPP Commission Conference (2-3 March 2017, University of Trnava), Industrie de l'os préhistorique (XV)*. David, E. & Hrnčiarik, E. (eds.). Oxford: Archaeopress Archaeology, p. 52-76

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The first People in the Thule Region: Paleo-Inuit pioneering processes in High Arctic Northwest Greenland and around the North Water from 2500 BC – 1200 AD

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Technology in Mesolithic Scandinavia

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The Frames of Mesolithic Scandinavia

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The Qorluulasupaluk site: an important puzzle piece in the interpretation of the Palaeo-Inuit cultures in the High Arctic Thule region

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Ground Stone Tools and Past Foodways: Proceedings of the 3rd Meeting of the Association of Ground Stone Tools Research

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Mesolithic Lithic Technology

Sørensen, Mikkel, 2021, (Accepted/In press) *The Oxford Handbook of Mesolithic Europe*. Stutz, L. N., Stjerna, R. P. & Törv, M. (eds.). Oxford University Press, (Oxford University Handbook, Vol. The Handbook of Mesolithic Europe).

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Jensen, Theis Zetner Trolle, Sjöström, A., Fischer, A., Rosengren, E., Lanigan, Liam Thomas, Bennike, O., Richter, K. K., Gron, K. J., Mackie, Meaghan, Mortensen, M. F., Sørensen, L., Chivall, D., Iversen, K. H., Taurozzi, Alberto John, Olsen, J., Schroeder, Hannes, Milner, N., Sørensen, Mikkel & Collins, Matthew James, 14 Oct 2020, In: Scientific Reports. 10, 1, 12 p., 17244.

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