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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

Landbruget og byggeriet knuser vores kulturarv

Sørensen, Mikkel & Bruun Pedersen, E., 19 Jan 2024, In: Politikens Kronik. 19 Januar 2024, 2 p.

How to say something about early Scandinavian hunter-gatherers from their tool technology?

Sørensen, Mikkel, 2023, *Stones - Current Stone-Age Research in Northern Europe*. apel, J. & Sundström, L. (eds.). Uppsala: Uppsala University, p. 15-20 (Occasional Papers in Archaeology, Vol. 81).

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

Nye undersøgelser af Bromme locus classicus

Sørensen, Mikkel, Pedersen, K. B., Mortensen, M. F., Henriksen, P. S., Hartmann, N. & Sørensen, L., 2023, In: Gefjon. 8, p. 8-30 22 p., 1.

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

Sørensen, Mikkel & Diklev, T., 2023, (In preparation) The Danish National Museum. (PNM - Publications from the National Museum).

Nationalmuseet er bombet tilbage til stenalderen

Pedersen, K. B. & Sørensen, Mikkel, 22 May 2022, In: Politiken. 22 Maj, 2022, p. 5 6 p., 22 Maj.

Palaeolithic bone and antler artefacts from Lateglacial and Early Holocene Denmark: technology and dating

Wild, M., Fischer Mortensen, M., Andreasen, N. H., Borup, P., Casati, C., Eriksen, B. V., Frost, L., Gregersen, K. M., Henriksen, M. B., Kanstrup, M., Olsen, J., Buch Pedersen, K., Vang Petersen, P., Ramskov, C., Sørensen, L., Sørensen, Mikkel & Wählin, S., 2022, In: Quartär. 67(2020), p. 105-180 75 p.

Technology in Mesolithic Scandinavia

Sørensen, Mikkel, 2022, (Submitted) *Oxford Handbook of Scandinavian Archaeology*. Hedeager, L., Prescott, C. & Kristiansen, K. (eds.). Oxford University Press

The Frames of Mesolithic Scandinavia

Sørensen, Mikkel, 2022, (Submitted) *Oxford Handbook of Scandinavian Archaeology*. Hedeager, L., Prescott, C. & Kristiansen, K. (eds.). Oxford University Press, (Oxford Handbooks).

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

Sørensen, Mikkel & Diklev, T., 2022, In: Danish Journal of Archaeology. 11, 2022, p. 1-17 17 p., 1.

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

Pedersen, P. N. (ed.), Jörgensen Lindahl, Anne (ed.), Sørensen, Mikkel (ed.) & Richter, Tobias (ed.), 2021, Oxford: Archaeopress Publishing Ltd. 274 p.

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).

An integrated analysis of Maglemose bone points reframes the Early Mesolithic of Southern Scandinavia

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.

Skovtidens Mennesker

Sørensen, Mikkel, 2020, *VÆRDIEN AF ARKÆOLOGIEN : 21 arkæologiske essays*. København: Saxo-Instituttet, p. 13-21 2

The biomolecular characterization of a finger ring contextually dated to the emergence of the Early Neolithic from Syltholm, Denmark

Jensen, Theis Zetner Trolle, Mackie, Meaghan, Taurozzi, Alberto John, Lanigan, Liam Thomas, Gundelach, C., Olsen, J., Sørensen, S. A., Collins, Matthew James, Sørensen, Mikkel & Schroeder, Hannes, 2020, In: Royal Society Open Science. 7, 1, 16 p., 191172.

The legend of Qajuuttag. Exploring the potentials of Inuit oral history in South Greenland

Sørensen, Mikkel & Knudsen, P., 2020, In: Arctic Anthropology. 56 , 2, p. 63-83 20 p.

Åmosen genbesøgt - hvad er tilbage? Nye arkæologiske undersøgelser af kendte mesolitiske lokaliteter i Store Åmose

Sørensen, Mikkel, Matthiesen, H., Pedersen, K. B., Mortensen, M. F. & Hartmann, N., 2020, In: Gefjon. 5, p. 8-35 27 p., 1.

History of Human Occupation of Greenland

Sørensen, Mikkel, 2019, *Reference Module in Earth Systems and Environmental Sciences*. Elsevier

L'acquisition de la Pression à la béquille courbe, seulement une question d'habileté ?

David, E., Diemer, S., Sørensen, Mikkel, Santaniello, F. & Vatsvåg Nielsen, S., 2019, *ANTHROPOLOGIE DES TECHNIQUES: De la mémoire aux gestes en Préhistoire*. David, E. (ed.). 1 ed. Paris, Vol. 1. p. 43-62 20 p.

Thuleområdet palæo-eskimoiske bosættelse. Rapport fra arkæologisk rekognoscering i Avanersuaq i 2018

Sørensen, Mikkel & Diklev, T., 2019, (Unpublished) København: Saxo-Instituttet.

Early Mesolithic Regional Mobility and Social Organization: Evidence from Lithic Blade Technology and Microlithic Production in Southern Scandinavia

Sørensen, Mikkel, 2018, *Technology of Early Settlement in Northern Europe: Transmission of Knowledge and Culture*. Knutsson, K., Knutsson, H., Apel, J. & Glørstad, H. (eds.). Sheffield: Equinox Publishing, Vol. Vol 2. p. 173-201 28 p.

Eva Koch: Øl i oldtiden, Forlaget Wormanium, Højbjerg, 2018, 198 s.

Sørensen, Mikkel, 2018, In: *Historisk Tidsskrift*. 118, 2, p. 517-521 4 p.

The Early Mesolithic in Southern Scandinavia and Northern Germany

Sørensen, Mikkel, Lübcke, H. & Gross, D., 2018, *Star Carr. : Volume 1: a persistent place in a changing world*. Milner, N., Conneller, C. & Taylor, B. (eds.). White Rose University Press, p. 305-361

Current problems and approaches in palaeolithic and mesolithic archaeology, an introduction

Sørensen, Mikkel & Pedersen, K. B., 2017, *Problems in Palaeolithic and Mesolithic research*. Sørensen, M. & Pedersen, K. B. (eds.). Københavns Universitet, Humanistisk Fakultet, Vol. 12. p. 9-23 (Arkæologiske Studier, Vol. 12).

How to classify lithic artefact materials- if at all: the case of the burin

Sørensen, Mikkel, 2017, *Problems in Palaeolithic and Mesolithic Research*. Sørensen, M. & Pedersen, K. B. (eds.). Københavns Universitet, Humanistisk Fakultet, Vol. 12. p. 207-225 18 p. (Arkæologiske Studier, Vol. 12).

I Qajuttaqs fodspor 1. Slægtssagaen om Qajuttaq og hans efterkommere i Narsaqområdet

Knudsen, P. & Sørensen, Mikkel, 2017, In: *Tidsskriftet Grønland*. Nr4/December 2017, p. 296-312

I Qajuttaqs fodspor 2. Qajuttaqs historie og arkæologi i Narsaq-området

Knudsen, P. & Sørensen, Mikkel, 2017, In: *Tidsskriftet Grønland*. Nr4/December 2017, p. 313-329

Problems in Palaeolithic and Mesolithic research

Sørensen, Mikkel & Pedersen, K. B., 2017, København: Københavns Universitet, Humanistisk Fakultet. 276 p. (Arkæologiske Studier, Vol. 12).

First insights into the identification of bone and antler tools used in the indirect percussion and pressure techniques during the early postglacial

David, E. & Sørensen, Mikkel, 2016, In: *Quaternary International*.

Paleoeskimo Lithic Technology

Desrosiers, P. & Sørensen, Mikkel, 2016, *The Oxford Handbook of the Prehistoric Arctic*. Friesen, M. & Mason, O. (eds.). Oxford University Press

Tilbage til Holmegård Mose

Pedersen, K. B., Mortensen, M. F. & Sørensen, Mikkel, 2016, In: *Gefjon*. 1, p. 10-37 1.

Sensationer på havets bund

Sørensen, Mikkel & Ravn, M., 1 Oct 2015, In: *Berlingske Tidende*. 1 oktober, debat, p. 35 1 p.

KLIMAFORANDRINGER: ET HUMANISTISK FORSKNINGSFELT!

Eskjær, M. & Sørensen, Mikkel, 17 Feb 2015

Arkæologi og aDNA

Sørensen, Mikkel, 2015, In: Arkæologisk Forum. 31, november 2014, p. 19-26 7 p.

Arkæologiske og arkæo-zoologiske registreringer i Kap York-området, NOW-projektet, 2014

Grønnow, B., Sørensen, Mikkel & Gotfredsen, Anne Birgitte, 2015, *Arkæologiske og arkæo-zoologiske registreringer i Kap York-området, NOW-projektet, 2014: Feltrapport*. Nationalmuseet, Vol. nr 35.

På sporet af de første grønlændere i Melville Bugt - en beretning om en arkæologisk opdagelse under NOW-projektets feltarbejde, sommeren 2014

Sørensen, Mikkel & Grønnow, B., 2015, In: Tidsskriftet Grønland. 4, 2014, p. 228-242 14 p., 1.

THE CULTURAL HISTORY OF THE INNAANGANEQ/ CAPE YORK METEORITE

Appelt, M., Jensen, J. F., Myrup, M., Haack, H., Sørensen, Mikkel & Taube, M., 2015, *Technical report*, 92 p.

Introduktion. Humanistisk klimaforskning

Eskjær, M. F. & Sørensen, Mikkel, 7 Feb 2014, *Klima og mennesker. Humanistiske perspektiver på klimaforandringer*. Sørensen, M. & Eskjær, M. F. (eds.). København: Museum Tusculanum, p. 11-26 15 p.

Klima og mennesker: Humanistiske perspektiver på klimaforandringer

Sørensen, Mikkel & Eskjær, M. F., 7 Feb 2014, København: Museum Tusculanum. 232 p.

Klimaforandringer, kulturmøder og innovationer: et dybt tidsperspektiv fra den arktiske verden

Sørensen, Mikkel, 2014, *Klima og mennesker: Humanistiske perspektiver på klimaforandringer*. Sørensen, M. & Eskjær, M. (eds.). København: Museum Tusculanum, p. 29-59 30 p. 1

The first eastern migrations of people and knowledge into Scandinavia: Evidence from studies of Mesolithic Technology

Sørensen, Mikkel, Rankama, T., Kankaanpää, J., Knutsson, K., Knutsson, H., Melvold, S., Eriksen, B. V. & Glørstad, H., 2013, In: Norwegian Archaeological Review. 46, 1, p. 1-38 38 p.

Walrus Island – a pivotal place to Palaeo-Eskimo societies in High Arctic Northeast Greenland

Sørensen, Mikkel, 2013, In: Etudes Inuit Studies. 36, 1, p. 183-205

Marv-, mule- og mavediæt

Sørensen, Mikkel, 23 Nov 2012, In: Weekendavisen - Ideer. 23 november, 47, p. 1-3 3 p.

Inuit and climate change in prehistoric Eastern Arctic: a perspective from Greenland

Sørensen, Mikkel, 1 Sep 2012, *Climate Change and Human Mobility: Global Challenges to the Social Sciences*. Hastrup, K. & Fog Olwig, K. (eds.). Cambridge: Cambridge University Press, p. 35-58 23 p.

The Prehistory of Inuit in Northeast Greenland.

Sørensen, Mikkel & Gulløv, H. C., 1 Sep 2012, In: Arctic Anthropology. 49, 1, p. 88-104

Technology and Tradition in the Eastern Arctic, 2500 BC - AD 1200: A Dynamical Technological Investigation of Lithic Inventories in the Paleo-Eskimo Traditions

Sørensen, Mikkel, 1 Jan 2012, man & society vol 40 ed. Copenhagen: Museum Tusculanum.

Eastern Arctic under Pressure: from Paleoeskimo to Inuit Culture (Canada and Greenland)

Desrosiers, P. & Sørensen, Mikkel, 2012, *The Emergence of Pressure Blade Making: From Origin to Modern Experimentation*. New York: Springer Science+Business Media, p. 375-401

Mesolithic Interfaces – Variability in Lithic Technologies in Eastern Fennoscandia

Sørensen, Mikkel, 2012, In: *Quartär*. 59, 2012, 2 p.

Particle size distribution of lithic assemblages and taphonomy of Palaeolithic sites

Bertran, P., Lenoble, A., Todisco, D., Desrosiers, P. & Sørensen, Mikkel, 2012, In: *Journal of Archaeological Science*. 39, 2012, p. 3148-3166

The Arrival and Development of Pressure Blade Technology in Southern Scandinavia

Sørensen, Mikkel, 2012, *The Emergence of Pressure Blade Making: From Origin to Modern Experimentation*. New York: Springer Science+Business Media, p. 237-261 24 p.

At the edge: High Arctic Walrus hunters during the Little Ice Age

Grønnow, B., Gulløv, H. C., Jakobsen, B. H., Gotfredsen, Anne Birgitte, Kauffmann, L. H., Kroon, Aart, Pedersen, J. B. T. & Sørensen, Mikkel, Sep 2011, In: *Antiquity*. 85, 329, p. 960-977 18 p.

Hjemme hos P. Olsen og ude i Grønland: Olieboringer og minedrift i Grønland? Europæere og Inuit er forskellige, når det kommer til ejendomsret og holdninger til at deles..

Sørensen, Mikkel, 10 Sep 2010, In: *Politikken*. 1 p.

GeoArk, et tværvideenskabeligt samarbejde mellem museer og universiteter

Sørensen, Mikkel, 2010, In: *Danske Museer*. 23(5), p. 19-21 3 p.

Inuit landscape use and responses to climate change in the Wollaston Forland - Clavering Ø region, Northeast Greenland

Sørensen, Mikkel, 2010, In: *Geografisk Tidsskrift*. 110(2), p. 155-177 22 p.

The Archaeology of Old Nuullit: Eigil Knuth's investigations in the Thule region, North Greenland, from 1952 - 1990

Sørensen, Mikkel, 2010, Copenhagen: Museum Tusulanum. 146 p. (Meddelelser om Grønland/Monographs on Greenland).

Thulekulturens anvendelse af bjergarter til fremstilling af redskaber i Nordøstgrønland

Sørensen, Mikkel, 2010, In: *Tidsskriftet Grønland*. 58(4), p. 288-297

Fiskeri og Fejder

Sørensen, Mikkel, 13 Nov 2009, In: *Weekendavisen*. 34, p. 7 1 p.

Archaeological and zoo-archaeological report on investigations of the southern coast of Clavering Ø, the Revet area, Hvalros Ø and the estuary of Young Sound

Sørensen, Mikkel, Gotfredsen, A. B., Pedersen, J. B. T., Hardenberg, M., Gulløv, H. C., Grønnow, B., Jensen, J. F., Kroon, Aart & Jakobsen, B. H., 2009, Sila.

GeoArk: Coast, Man and Environment in Northeast Greenland

Grønnow, B., Jakobsen, B. H., Gotfredsen, Anne Birgitte, Hardenberg, M., Gulløv, H. C., Kroon, Aart, Pedersen, J. B. T. & Sørensen, Mikkel, 2009, *Zackenberg Ecological Research Operations, 14th Annual Report, 2008*. Jensen, L. M. & Rasch, M. (eds.). Aarhus University: National Environmental Research Institute, Vol. 1. p. 98-98 1 p.

Geographical report of the GeoArk expeditions to north-east Greenland 2007 and 2008

Kroon, Aart, Jakobsen, B. H., Pedersen, J. B. T., Addington, L., Kaufmann, L., Grønnow, B., Jensen, J. F., Sørensen, Mikkel, Gulløv, H., Hardenberg, M., Gotfredsen, Anne Birgitte & Meldgaard, Morten, 2009, Copenhagen: SILA - National Museum of Denmark. 90 p.

How did the Thule culture inuit respond to climate changes in northeast Greenland

Sørensen, Mikkel, Gotfredsen, Anne Birgitte, Pedersen, J. B. T., Jakobsen, B. H., Kroon, Aart, Kaufmann, L. H., Gulløv, H. C. & Grønnow, B., 2009.

De første mennesker i det nordligste Grønland

Sørensen, Mikkel, 2008, In: Nationalmuseets Arbejdsmark. 2008, p. 101-114

Spatial Analysis by Dynamic Technological Classification: a Case Study from the Palaeolithic - Mesolithic transition in Scandinavia

Sørensen, Mikkel, 2008, *Technology in Archaeology*. Sørensen, M. & Desrosiers, P. (eds.). Copenhagen: The Danish National Museum, p. 107-125 (Publications from the National Museum. Studies in archaeology & history, Vol. 14).

Technology in Archaeology

Sørensen, Mikkel & Desrosiers, P., 2008, The Danish National Museum. (Publications from the National Museum. Studies in archaeology & history, Vol. 14).

Draken MK 356. En teknologisk undersøgelse af et Mesolitisk inventar med henblik på datering og arkæologisk potentiale

Sørensen, Mikkel, 2007, *Report for Malmö Museer*.

In the Wake of a Woman. Nye undersøgelser af Mesolitikum i Østskåne

Sørensen, Mikkel, 2007, In: *Arkæologisk Forum*. 16, p. 31-40

Børn og lærlinge i stenalderen

Sørensen, Mikkel, 2006, *Fra Vandkunsten til Vestpynten af Amager*. Saxo-Instituttet, p. 15-23

Hvad skal vi med alle de sten? Gør genstandens materialitet en forskel i litiske studier - og gør enkelt stykker?

Sørensen, Mikkel, 2006, In: *Arkæologisk Forum*. 15, p. 40-45

Rethinking the Lithic Blade Definition - Towards a Dynamic Understanding

Sørensen, Mikkel, 2006, *Skilled Production and Social Reproduction -Aspects on Traditional Stone Tool Technologies*. Apel, J. & Knutsson, K. (eds.). Upsala: Societas Archaeologica Upsaliensis, Vol. 2. p. 277-299

Teknologi og Tradition i Østarktis 2500 BC - 1200 AD. En dynamisk teknologisk undersøgelse af de litiske inventarer i de palæoeskimoiske traditioner: Phd. Afhandling

Sørensen, Mikkel, 2006, København: Københavns Universitet, Humanistisk Fakultet.

Teknologiske traditioner i Maglemosekulturen. En diakron analyse af maglemosekulturens flækkeindustri

Sørensen, Mikkel, 2006, *Stenalderstudier. Tidlig mesolitisk jægere og samlere i Sydskandinavien*. Eriksen, B. V. (ed.). Århus: Jysk Arkæologisk Selskab, p. 19-77

The Chaîne Opératoire Applied to Arctic Archaeology

Sørensen, Mikkel, 2006, *Dynamics of Northern Societies*. Arneborg, J. & Grønnow, B. (eds.). The Danish National Museum, Vol. 10. p. 31-44 (Publications from the National Museum. Studies in archaeology & history).

Experiments with the "Tågerup pressure tool"

Sørensen, Mikkel, 2003, *The Tågerup Excavations*. Karsten, P. & Knarrström, B. (eds.). Lund: National Heritage Board, Sweden, p. 146-150

Flinthugning og flækkefremstilling i den tidlige Maglemosekultur

Sørensen, Mikkel, 2000, In: *Kulturhistoriske Studier, Sydsjællands Museums årbog*. 2000, p. 29-36

A Technological Examination of the Flake-axe Used for Working on Wood

Sørensen, Mikkel, 1996, *Experiments in Archaeology Lejre Seminars 1995: Technical Report No. 2. Historical-Archaeological Experimental Centre*. Rasmussen, M. (ed.). p. 13-16

Konservering af to træspande fra en kvindegrav ved Billum
Sørensen, Mikkel, 1996, In: Mark og Montre. 1996, p. 54-61

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