

Dr Niklas Hausmann

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EDUCATION

- 2012 – 2015 **PhD, Archaeology, University of York, UK.** ‘The shell mounds of the Farasan Islands - An isotopic study on seasonality and coastal exploitation’ Supervisor: Geoff Bailey. Date of Viva: 12.8.15
- 2011 – 2012 **MA, Mesolithic Studies,** University of York, UK. Pass with Merit. Supervisor: Geoff Bailey
- 2008 – 2011 **BSc, Prehistoric and Historic Archaeology and Geosciences.** Christian-Albrechts-Universität zu Kiel, Germany.

RESEARCH EXPERIENCE

- 2021 – present **Research Group Leader** of the DFG Emmy-Noether Project SEAFRONT at the RGZM (Germany)
- 2020 – 2021 **Researcher Facilitator** at the Lower Saxony Institute for historical coastal research (NIHK) (Germany)
- 2019 **Project Manager** of Marie Skłodowska-Curie Innovative Training Network ‘SeaChanges’ at the Department of Archaeology - University of York
- 2016 – 2019 **Affiliated Researcher** at the Department of Archaeology, Max-Planck-Institute for the Science of Human History (Germany)
- 2016 – 2018 **Marie Skłodowska-Curie Research Fellow** at the Foundation for Research and Technology, Hellas (Greece)
- 2015 – 2016 **Postdoctoral Research Fellow** in the ERC Project DISPERSE at the Department of Archaeology, University of York (United Kingdom)

FELLOWSHIPS AND AWARDS (SELECTED)

- 2020 **DFG Emmy-Noether Fellowship (HA 8590/2-1)**
‘Klimatische Einflüsse auf die Ausbreitung des Neolithikums im Mediterranen Raum’. PI: Niklas Hausmann. Total funding awarded: 1.6 M€
- 2016 **Marie Curie-Skłodowska Individual Fellowship (Ref. 703625)**
‘Archaeological and Climatic data from elemental ratios using rapid analysis of shell carbonate’. PI: Niklas Hausmann. Total funding awarded: €152,653
- 2014 **Laserlab-Europe-III - Transnational Access Project (ulf-forth002012)**
“Applying LIBS on modern and archaeological marine shells for multi-elemental analysis” PI: Geoff Bailey, Co-I: Niklas Hausmann, Total funding awarded: €14,200

PUBLICATIONS (SELECTED)

In **King, F.**, Frost, E., Prendergast, A.L., Hausmann, N., Geochemical and ecological preparation analyses of *Cellana solida* shells from Tasmanian shorelines. *Palaeogeography, Palaeoclimatology, Palaeoecology*

In review **Hausmann, N.**, Robson H.K., Bailey G.N. Marine abundance and its prehistoric past in the Baltic: A response to Lewis and co-authors. *Nature Communications*.

2020 **Hausmann, N.**, Meredith-Williams M., Laurie, E., Shellfish Resilience to Prehistoric Human Exploitation: .Size Variability in *Conomurex fasciatus* across time and space. *Quaternary International*

2019 **Hausmann, N.**, Robson, H., Hunt, C. Annual growth patterns and interspecimen variability in Mg/Ca records of European Oysters. *Open Quaternary*

2019 **Hausmann, N.**, Meredith-Williams, M., Inglis, R.H., Douka, K., Bailey, G. Quantifying spatial variability in shellmound formation: Anthropological implications on site taphonomy and sea-level change. *PLOS ONE*

2019 **Hausmann, N.**, Robson, H., Hunt, C. Annual growth patterns and interspecimen variability in Mg/Ca records of European Oysters. *Open Quaternary*

2019 **Hausmann, N.**, Prendergast, A.L., Lemonis, A., Zech, J., Roberts, P., Siozos, P. and Anglos D. Extensive elemental mapping unlocks Mg/Ca ratios as climate proxy in seasonal records of Mediterranean limpets. *Scientific Reports* 9:3698

2017 **Hausmann, N.**, Siozos, P., Lemonis, A., Colonese, A. C., Robson, H. K., & Anglos, D., Elemental mapping of Mg/Ca intensity ratios in marine mollusc shells using laser-induced breakdown spectroscopy. *Journal of Analytical Atomic Spectrometry* Vol. 32 (8): 1437–1610.

2017 **Hausmann, N.** and Meredith-Williams M. Exploring accumulation rates of shell deposits through seasonality data. *Journal of Archaeological Method and Theory* Vol. 24(3): 776–795.

2017 **Hausmann, N.** and Meredith-Williams M. Seasonal patterns of coastal exploitation on the Farasan Islands, Saudi Arabia. *Journal of Island and Coastal Archaeology*, Vol. 12(3):360–379.

TEACHING EXPERIENCE AND SUPERVISION (SELECTED)

University of Sydney (Australia): PhD-Examiner.

University of Crete (Greece): Guest Lecturer, Master and Bachelor thesis lab-supervision (Chemistry).

University of York (UK): Guest Lecturer, Field Supervisor, Teaching-Assistant.

Christian-Albrechts-Universität zu Kiel (Germany): Field Trip Organisation and Supervision.

SERVICE AND MEMBERSHIP OF SCIENTIFIC COMMUNITIES (SELECTED)

Since 2019 Editorial board member Nature Scientific Reports

Since 2018 Editorial board member Open Quaternary

2016 – 2020 Grant Administrator/Committee Member, Association for Environmental Archaeology

