

Dr E. Kiki Kuijjer

Southampton, United Kingdom

Employment

- From June 2022** **Digital Scholarship Administrator, Hartley Library, University of Southampton (0.5 FTE)**
Job purpose: to deliver a range of Library services supporting digital innovation of Library collections in all their formats, supporting research and education with an eye to creating discoverable, accessible, and reusable content.
- Aug 2022 – Jan 2023** **Administrator on the AHRC project "Reimagining Knitting: a Community Prospective"**
Fixed term, part-time position to support the organisation of [the project](#) (PI Dr Eleonora Gandolfi), specifically to manage finances and organise a series of workshops to reinterpret the knitting collections of the University of Southampton.
- Mar – May 2022** **Digital Scholarship Assistant, Hartley Library, University of Southampton**
Fixed-term position to digitise chemistry laboratory notebooks for a project involving AI.
- Jan 2022** **Research Assistant, University of Southampton**
Short-term funding to write an academic paper on modelling extreme storm surge events.
- Jan – Jul 2021** **Research Assistant, University of Southampton**
- Pilot project modelling extreme storm surge events, led by Professor I.D. Haigh (NOCS) and the UK's Environment Agency.
 - Pilot project modelling early seafaring into the Pacific, in a multidisciplinary research group (archaeology, physical oceanography, geophysics).
- Mar – Sept 2020** **Senior Research Assistant, University of Southampton**
Multidisciplinary research into the effects of monsoonal winds on early seafaring. Part of the Hydrodynamics working group in the [ACROSS project](#) (PI Assoc Prof R.H. Farr).
- June – Jul 2019, Sept 2019** **Document Scanning Assistant, University of Southampton**
Assistant to the VISAS team during the student registration, experience with digitisation and data entry of confidential information.
- Oct 2011 – Aug 2012** **Student Assistant to Prof J.W.M Roebroeks, Leiden University**
Part-time position to support the Human Origins research group with administrative tasks, and data entry and analysis for a research project.
- Oct 2010 – Sept 2011** **KNAW Academy Assistant to Prof M. van Kolfschoten, Leiden University**
Part-time post awarded by the Royal Dutch Academy of Sciences to work on a research project on *Crossing Beringia*, focusing on the peopling of the Americas.

Education

- 2015 – 2020** **PhD in Archaeology and Physical Oceanography, University of Southampton**
Southampton Marine and Maritime Institute (SMMI) Leverhulme Trust Doctoral Scholar.
Thesis: The role of open ocean currents and coastal tidal currents in the maritime migration to Sahul, ca. 65,000–50,000 years ago. Multidisciplinary project. Supervisors: Associate Prof R.H. Farr, Prof R. Marsh, Prof I.D. Haigh.
- 2010 – 2014** **Research MA in Human Origins and Bioarchaeology, Leiden University**
Thesis: The chronostratigraphic position of the Middle Pleistocene glacial-interglacial sequence exposed at Schöningen (Lower Saxony, Germany).
Supervisors: Prof M. van Kolfschoten, Prof J.W.M. Roebroeks.
- 2007 – 2010** **BA in Archaeology, Leiden University**
Specialisation: Palaeolithic archaeology, Quaternary environments, science-based methods.

Voluntary positions

- 2019 – 2020** **Editor of UNESCO UNITWIN Network for Underwater Archaeology Newsletter**
Voluntary position. Newsletter planning, design, editing. Contact with a wide network of researchers worldwide. Collaboration with another PhD student and network chair.
- 2016 – 2017** **PGR Representative Archaeology, University of Southampton**
Post-Graduate Research student representative.
- Jan – May 2016** **Chair of organising committee PGRAS, University of Southampton**
Organised the annual two-day Post-Graduate Research in Archaeology Symposium.

Skills

Languages

Dutch	Native proficiency
English	Full professional proficiency (IELTS 8.5, 2013)
German	Limited working proficiency (Level B1, 2015)

Computer skills

2D/3D digitisation Professional 2D digitisation (Zeutschel OS12002, SupraScan), 3D printing, laser scanning, Reflectance Transformation Imaging (RTI).

Accessibility Insights A tool used to assess compliance of University of Southampton library Viewer with the Web Content Accessibility Guidelines (WCAG 2.1)

Adobe Photoshop Used extensively to make scientific figures, and in digitising of maps and posters.

Adobe InDesign Used for creating the UNESCO UNITWIN Network for Underwater Archaeology Newsletter.

MATLAB Used extensively for data analysis in PhD and as Senior Research Assistant.

MIKE 21 by DHI Hydrodynamic modelling software, used in PhD research to explore tidal dynamics around Australia, and as Senior Research Assistant to create Holland models.

CS3 Continental Shelf Model (Fortran), used to model tides and storm surges around the UK.

Ariane Lagrangian particle tracking software (Fortran), used with velocity fields output from NEMO General Circulation Model to explore the role of ocean currents in early seafaring. Used in PhD and as Senior Research Assistant at the University of Southampton.

Presentation skills

2022 I presented and led discussions at the Computational Archaeology and Seafaring Theory (CAST) workshop (Stanford, USA).

2014-2020 I gave presentations at ten international scientific conferences (e.g., AAA, EGU, EAA). Including graduate student conferences, I gave thirteen talks and presented four posters.

Public outreach and science communication skills

2018 I developed and ran various workshops and exhibitions as a member the University of Southampton's Coastal Research social group SoCo. We participated in Dragonfly Day (an event to interest Year 9 students in science and engineering), BBC Countryfile Live, and the University of Southampton Festival of Doctoral Research.

Teaching skills

Feb 2019, Sept 2019 **Teaching experience Department of Archaeology, University of Southampton**
I gave guest lectures in the BA course *Wonderful Things* and the MA course *Ancient Mediterranean Seafaring* and ran discussions in two MA seminars on Maritime Archaeology.

2011 – 2012 **Teaching Assistant *Tutorial and Current Issues*, Leiden University**
I developed and ran biweekly research meeting for the Human Origins research group. Tasks included inviting speakers and leading seminars on recent developments in research.

2010 – 2011 **Teaching Assistant BA course *World Archaeology*, Leiden University**
I co-led weekly meetings for a group of ca. ten BA students. Tasks included creating and discussing assignments, leading discussions on course material, and teaching study skills.

Workshops and training

December 2022	Computational Archaeology and Seafaring Theory (CAST) workshop (Stanford, USA)
June 2018	Three-day Workshop on modelling Deep Time Tides (Bangor University)
Mar 2018	Workshop data analysis using Python (CAA conference, Tübingen, Germany)
Mar 2016	Two-day workshop agent-based modelling (CAA conference, Oslo, Norway)
2015 – 2018	Doctoral College trainings on academic writing, critical thinking, research management
Oct 2015	Doctoral College training: Teaching Skills for PGRs - Seminar Leader

Publications

- 2023 Hawkins, E., Brohan, P., Burgess, S.N., Burt, S., Compo, G.P., Gray, S.L., Haigh, I.D., Hersbach, H., Kuyjjer, K., Martínez-Alvarado, O. and McColl, C., (2023). Rescuing historical weather observations improves quantification of severe windstorm risks. *Natural Hazards and Earth System Sciences* 23(4), 1465-1482. <https://doi.org/10.5194/nhess-23-1465-2023>.
- 2022 Kuyjjer, E.K., Haigh, I.D., Marsh, R., Farr, H., (2022). Changing tidal dynamics and the role of the marine environment in the maritime migration to Australasia. *PaleoAnthropology* 2022(1).
- 2017 Kuyjjer, E. K., Mbye, H., Power, C., Veluplay, G., Westbury, S., (2017). *Social Sustainability and Unplanned Urban Growth in the Coastal Megacity*. Southampton, UK: University of Southampton.