

JAMIE HUDSON

I am a postdoctoral researcher at the [University of Southampton](#) whose research utilises genomic tools to further our understanding of biodiversity and evolutionary processes.



RESEARCH EXPERIENCE

- present | 2020 ● **Research Fellow**
University of Southampton 📍 Southampton, UK
- 2020 ● **Research Assistant**
Rhodes University 📍 Makhanda, South Africa
- 2020 | 2016 ● **Postgraduate Researcher**
University of Southampton 📍 Southampton, UK

EDUCATION

- 2020 | 2016 ● **PhD Marine Biology**
University of Southampton 📍 Southampton, UK
 - Thesis: The role of climate change, hybridisation, and biological invasions on the redistribution of marine biodiversity
- 2015 | 2011 ● **MSci Marine Biology (First Class Honours)**
University of Southampton 📍 Southampton, UK
 - Thesis: Understanding how anthropogenic transport effects the population genetics of a marine invertebrate in northwest Europe

TEACHING EXPERIENCE

- 2020 ● **Postgraduate demonstrator**
University of Southampton 📍 Southampton, UK
 - Demonstrated laboratory skills and assisted practicals in the first year module "Functional Marine Biology" (SOES 1011)
 - Demonstrated laboratory skills and assisted practicals in the fourth year module "Reproduction in Marine Invertebrates" (SOES 6051)

PUBLICATIONS, POSTERS, AND TALKS

- 2021 ● **Genomics-informed models reveal extensive stretches of coastline under threat by an ecologically dominant invasive species**
Proceedings of the National Academy of Sciences, USA
 - Hudson, J.*, Castilla, J.C., Teske, P.R., Beheregaray, L.B., Haigh, I.D., McQuaid, C.D., and Rius, M., 118(23), e2022169118
- 2021 ● **Contemporary climate change hinders hybrid performance of ecologically dominant marine invertebrates**
Journal of Evolutionary Biology
 - Hudson, J.*, McQuaid, C.D., and Rius, M., 34, 60-72

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CONTACT

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- 🌐 jamiehudson.netlify.com
- in linkedin.com/in/drjamiehudson
- github github.com/HudsonJamie
- 🐦 [jamie_bio](https://twitter.com/jamie_bio)

CODING SKILLS

Highly experienced in:



Knowledgeable in:



LANGUAGES

- English (Native)
- Spanish (Intermediate)

*The source code for this is available [on github](#).
Last updated on 2021-08-26.*

- 2020 ● **The roles of hybridisation, contemporary climate change, and recent range shifts on the redistribution of marine biodiversity**
Doctoral Thesis
 University of Southampton
 · Hudson, J*. PhD Thesis

- 2020 ● **Secondary contacts and genetic admixture shape colonization by an amphiatlantic epibenthic invertebrate**
 Evolutionary Applications
 · Hudson, J.*, Johannesson, K., McQuaid, C.D., and Rius, M., 13(3), 600-612

- 2020 ● **Expansion potential of a regionally restricted but dominant non-indigenous species (Oral presentation)**
 World Conference of Marine Biodiversity
 📍 Auckland, New Zealand (Online)
 · Hudson, J.*, Castilla, J.C., Teske, P.R., Beheregaray, L.B., Haigh, I.D., McQuaid, C.D., and Rius, M.

- 2018 ● **Marine invasion genomics: revealing ecological and evolutionary consequences of biological invasions (Book Chapter)**
 Population Genomics: Marine Organisms
 · Bourne, S.D., Hudson, J.*, Holman, L.E., and Rius, M. In: Population Genomics: Marine Organisms, 363-398

- 2018 ● **Anthropogenic transport of species across native ranges: unpredictable genetic and evolutionary consequence (Poster presentation)**
 World Conference of Marine Biodiversity 📍 Strömstad, Sweden
 · Hudson, J.*, Viard, F., and Rius, M.

- 2017 ● **The role of hybridisation in species range shifts (Poster presentation)**
 British Ecological Society: Macroecology of Alien Species
 📍 Durham, UK
 · Hudson, J.*, Teske, P.R., McQuaid, C.D., Chapman, M.A., and Rius, M.

- 2016 ● **Anthropogenic transport of species across native ranges: unpredictable genetic and evolutionary consequence**
 Biology Letters
 · Hudson, J., Viard, F., and Rius, M., 12(10), 20160620.



JOURNAL REVIEWER

- **I have peer reviewed for the following journals:**
 - Diversity and Distributions
 - Journal of Heredity
 - Marine Biology
 - Molecular Ecology
 - Philosophical Transactions of the Royal Society B: Biological Sciences
 - Scientific Reports