

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.

EDUCATION

- 2020
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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
 - **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

RESEARCH EXPERIENCE

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

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
 - **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 2021-07-20.*

- 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