



# Jamie Hudson

POSTDOCTORAL RESEARCHER

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## 🔍 Research Interests

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

### Research Fellow

UNIVERSITY OF SOUTHAMPTON

Southampton, UK

2020 - present

### Research Assistant

RHODES UNIVERSITY

Makhanda, South Africa

2020 - 2020

### PhD Student

UNIVERSITY OF SOUTHAMPTON

Southampton, UK

2016-2020

## 🎓 Education

### PhD Marine Biology

UNIVERSITY OF SOUTHAMPTON

Southampton, UK

2016 - 2020

- The role of climate change, hybridisation, and biological invasions on the redistribution of marine biodiversity

### MSci Marine Biology (First Class)

UNIVERSITY OF SOUTHAMPTON

Southampton, UK

2011 - 2015

- Understanding how anthropogenic transport effects the population genetics of a marine invertebrate in northwest Europe

## 📄 Publications [*h-index* = 3]

### Genomics-informed models reveal extensive stretches of coastline under threat by an ecologically dominant invasive species

Journal Article

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES

2021

- Hudson, J., Castilla, J.C., Teske, P.R., Beheregaray, L.B., Haigh, I.D., McQuaid, C.D., and Rius, M. (2021). *Proceedings of the National Academy of Sciences*, 118(23), e2022169118
- Citations: 1

### Contemporary climate change hinders hybrid performance of ecologically dominant marine invertebrates

Journal Article

JOURNAL OF EVOLUTIONARY BIOLOGY

2021

- Hudson, J., McQuaid, C.D., and Rius, M. (2021). *Journal of Evolutionary Biology*, 34, 60-72
- Citations: 3

### The roles of hybridisation, contemporary climate change, and recent range shifts on the redistribution of marine biodiversity

Doctoral Thesis

UNIVERSITY OF SOUTHAMPTON

2020

- Hudson, J. (2020), *University of Southampton, Doctoral Thesis*
- Citations: 0

### Secondary contacts and genetic admixture shape colonization by an amphiatlantic epibenthic invertebrate

Journal Article

EVOLUTIONARY APPLICATIONS

2020

- Hudson, J., Johannesson, K., McQuaid, C.D. and Rius, M. (2020). *Evolutionary Biology*, 13(3), 600-612.
- Citations: 11

## Marine invasion genomics: revealing ecological and evolutionary consequences of biological invasions

Book Chapter

POPULATION GENOMICS: MARINE ORGANISMS

2018

- Bourne, S.D., **Hudson, J.**, Holman, L.E., and Rius, M. (2018). In: *Population Genomics: Marine Organisms*, 363-398.
- Citations: 18

## Anthropogenic transport of species across native ranges: unpredictable genetic and evolutionary consequence

Journal Article

BIOLOGY LETTERS

2016

- **Hudson, J.**, Viard, F., and Roby, C., and Rius, M. (2016), *Biology Letters*, 12(10), 20160620.
- Citations: 22

## Conference Presentations

### Expansion potential of a regionally restricted but dominant non-indigenous species (Oral presentation)

World Conference of Marine Biodiversity

ONLINE, AUCKLAND, NEW ZEALAND

2020

- **Hudson, J.**, Castilla, J.C., Teske, P.R., Beheregaray, L.B., Haigh, I.D., McQuaid, C.D., and Rius, M.

### Anthropogenic transport of species across native ranges: unpredictable genetic and evolutionary consequences (Poster presentation)

Marine Evolution

STRÖMSTAD, SWEDEN

2018

- **Hudson, J.**, Viard, F., Roby, C., and Rius, M.

### The role of hybridisation in species range shifts (Poster presentation)

British Ecology Society: Macroecology of Alien Species

DURHAM, UNITED KINGDOM

2017

- **Hudson, J.**, Teske, P.R., McQuaid, C.D., Chapman, M.A., and Rius, M.

## Teaching Experience

### University of Southampton

Southampton, UK

DEMONSTRATOR

2017 - 2020

- Functional Marine Biology (SOES1011)

### University of Southampton

Southampton, UK

DEMONSTRATOR

2020

- Reproduction in Marine Invertebrates (SOES6051)

## Awards and Grants

### ASSEMBLE Transnational Access Programme

2020

ASSEMBLE PLUS

### Undergraduate Scholarship Award (£500)

2011

UNIVERSITY OF SOUTHAMPTON

## Peer Reviews

I have 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