



CONTACT

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j.johnson@c2o.net.au

www.c2o.net.au



EXPERTISE

- Natural resource management and conservation
- Supporting community-based management
- Climate change vulnerability and adaptation
- Marine and coastal monitoring
- Environmental assessments
- Science synthesis
- Project design and coordination

QUALIFICATIONS

- PhD Climate change vulnerability & adaptation assessments
James Cook University
- MSc Conservation & Marine Ecology
James Cook University
- Post Graduate Diploma - Environmental Ecology & Management
James Cook University
- BSc Physiology & Psychology
Monash University
- ADAS Commercial Diver
(2815 Level 1)

DR JOHANNA JOHNSON

PARTNER & SENIOR SCIENTIST

CAREER GOALS & RESEARCH INTERESTS

Deliver robust science as the foundation for effective natural resource management to facilitate a sustainable future for marine and coastal ecosystems and dependent communities. Experience and expertise span a range of topics including supporting community-based marine managed areas, delivering climate change adaptation, food security and sustainable livelihoods, and translating science to inform decision-making at local and national levels. My focus is on applied research to facilitate a sustainable future for marine ecosystems and dependent people.

100+
peer-reviewed
publications

3551
citations

13
Books/
chapters

h-index 29

R^g 26.3

BROADER IMPACT

- PLoS Climate Academic Editor
- C₂O Pacific, Director
- Adjunct Senior Research Fellow: College of Marine & Environmental Sciences, James Cook University

CURRENT PROJECTS

Pacific regional climate change vulnerability assessment

Australia Pacific Climate Partnership & Pacific Community | 2002 - 2023

- Assess the implications of climate change on coastal habitats and fisheries

Marine Monitoring Toolkit – French Territories

Agence Française de Développement (AFD) | 2022 - 2023

- Develop tailored monitoring toolkit for Pacific French Territories

GBR Water Quality Scientific Consensus Statement

Aust Department of Agriculture, Water & Environment | 2021 – 2024

- Coordinate the spatial management prioritisation of water quality risk

Securing Kiribati

International Union for the Conservation of Nature | 2021 – 2022

- Marine specialist for the design of a 5-year climate resilience project

Solomon Islands Marine Monitoring Toolkit

Wildlife Conservation Society | 2021 - 2022

- Develop tailored monitoring toolkit for Solomon Islands



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COUNTRY EXPERIENCE

- Australia
- Cook Islands
- Europe
- Fiji
- French Polynesia
- India & Sri Lanka
- Indonesia
- Kiribati
- Marshall Islands
- New Caledonia
- Papua New Guinea
- Pitcairn Islands
- Samoa
- Saudi Arabia
- Solomon Islands
- Timor-Leste
- Tonga
- USA
- Vanuatu
- Wallis & Futuna

LANGUAGES



English (proficient, native)



Greek (working level proficiency)



Bislama/Pigin (conversation)

DR JOHANNA JOHNSON

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PAST PROJECTS

Nature-Based Solutions in the Pacific Region

World Wildlife Fund (WWF) | 2021 - 2022

- Review nature-based solutions in the Pacific and scope opportunities

Vanuatu Coastal Adaptation Program (Phase 2)

United Nations Development Program (UNDP) | 2020 - 2022

- Marine specialist for the design of a 5-year ridge to reef project

Arafura & Timor Seas Ecosystems Action Program

United Nations Development Program (UNDP) | 2020 - 2022

- Climate change vulnerability assessment of marine ecosystem in the Arafura and Timor Seas

Vanuatu Community-based Climate Resilient project

Save the Children | 2020 - 2022

- Chief of Party to lead the design of an 8-year climate resilience project

Red Sea Inaugural Outlook Report

NEOM | 2021

- Develop the first Outlook Report for NEOM (northern Red Sea) region.

SELECTED PUBLICATIONS

- Johnson et al (in review) Climate change implications for the Arafura and Timor Seas region: Assessing vulnerability of marine systems to inform management and conservation | PLOS Climate
- Devlin et al (2021) The tropical Pacific Oceanscape: Current issues, solutions and future possibilities | [Link](#)
- Thiault et al (2021) Harnessing the potential of vulnerability assessments for managing social-ecological systems | [Link](#)
- Johnson et al (2021) Community Marine Monitoring Toolkit: A tool developed in the Pacific to inform community-based marine resource management | [Link](#)
- Basel et al (2020) Community-based adaptation to climate change in villages of Western Province, Solomon Islands | [Link](#)
- Johnson et al (2019) Climate change adaptation: Vulnerability and challenges facing small-scale fisheries in small islands | [Link](#)
- Johnson et al (2018) Effects of Climate Change on Fish and Shellfish Relevant to Pacific Islands, and the Coastal Fisheries they Support | [Link](#)
- Johnson et al (2018) Effects of Climate Change on Ocean Fisheries Relevant to the Pacific Islands | [Link](#)