



coasts | climate | oceans



### CONTACT ME AT

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- www.c2o.net.au



### EXPERTISE

- Scientific & report writing
- Science Synthesis
- Project management
- Data analysis
- Environmental assessments
- Marine policy
- Fieldwork in remote locations
- Experiments in aquaria
- Molecular & Physiological techniques

### QUALIFICATIONS





- Gr. Cert. Science in Environmental Management**  
James Cook University
- PhD in Biology**  
University of Barcelona
- MSc in Marine Science**  
University of Barcelona
- BSc in Biology**  
University of Barcelona
- ACUC Rescue Diver**

# DR MARI-CARMEN PINEDA

## AFFILIATED SCIENTIST

### CAREER GOALS & RESEARCH INTERESTS

I am a marine environmental scientist with over 16 years' experience in science and environmental research, specialised in environmental pressures on marine ecosystems. My experience and expertise span a range of topics including experimental research (field and laboratory), data analysis, project management, science communication, and science synthesis and translation to inform decision-making at local and national levels. I am committed to applying robust science to assist in environmental management, with a strong passion for the conservation of our oceans within a sustainable planet.

	<b>24</b> peer-reviewed publications		<b>922</b> citations		<b>9</b> Technical Reports
	<b>h-index</b>	<b>20</b>		<b>26.9</b>	

### BROADER ROLE & CONTRIBUTIONS

- Reviewer: Aquatic Invasions, Coral Reefs, Management of Biological Invasions, Marine Biology, Marine Ecology, Molecular Phylogenetics and Evolution, Marine Pollution Bulletin, Zoologica Scripta.

### CURRENT PROJECTS

#### GBR Water Quality Scientific Consensus Statement

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

- Project coordination and support
- Process design

#### Marine Monitoring Toolkit – French Territories

Agence Française de Développement (AFD) | 2022 – 2023

- Develop tailored monitoring toolkit for Pacific French Territories

#### Solomon Islands Marine Monitoring Toolkit

Wildlife Conservation Society | 2021 – 2022

- Develop tailored monitoring toolkit for Solomon Islands

#### National Environmental Science Programme

Reef and Rainforest Research Centre | 2020 – 2022

- Synthesis reports and other communication products



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## COUNTRY EXPERIENCE

- Australia
- France
- South Africa
- Spain
- USA

## LANGUAGES



English (proficient)



Spanish (proficient, native)



French (conversation)

# DR MARI-CARMEN PINEDA

## AFFILIATED SCIENTIST

### PAST PROJECTS

#### Red Sea Climate Change Vulnerability Assessment

NEOM | 2021

- Develop the first Climate Change Vulnerability Assessment for NEOM (northern Red Sea) region.

#### Red Sea Inaugural Outlook Report

NEOM | 2021

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

### RELEVANT EXPERIENCE

#### Professional Placement

GBRMPA | 2020

- Ecological impact review of the aid to navigation devices within the GBR World Heritage Area.

#### Experimental Scientist (Postdoc)

Australian Institute of Marine Science | 2013-2019

- Study of the effects of dredge-pressures on corals and sponges.
- Field, laboratory, student training and manuscript/report preparation.

### SELECTED PUBLICATIONS

- Jones, Pineda et al (2021) Underwater light characteristics of turbid coral reefs of the inner central GBR. *Frontiers in Marine Science* 8:727206 | [Link](#)
- Luter, Pineda et al (2021) Assessing the risk of light reduction from natural sediment resuspension events and dredging activities in an inshore turbid environment. *Marine Pollution Bulletin* 170: 112536 | [Link](#)
- Strehlow, Pineda et al (2020) Novel reference transcriptomes for the sponges *Carteriospongia foliascens* and *Cliona orientalis* and associated algal symbiont *Gerakladium endoclonium*. *Coral Reefs* 40: 9-13 | [Link](#)
- Moitinho-Silva et al (2017) The sponge microbiome project. *GigaScience* 6: gix077 | [Link](#)
- Pineda et al (2017) Effects of combined dredging-related stressors on sponges (2017) *Scientific Reports* 7:5155 | [Link](#)
- Erwin, Pineda et al (2014) Down under the tunic: Bacterial biodiversity hotspots and widespread ammonia-oxidizing archaea in coral reef ascidians. *The ISME Journal*, 8:575-588 | [Link](#)