



ARC CENTRE OF EXCELLENCE
Coral Reef Studies

ARC Centre of Excellence for Coral Reef Studies

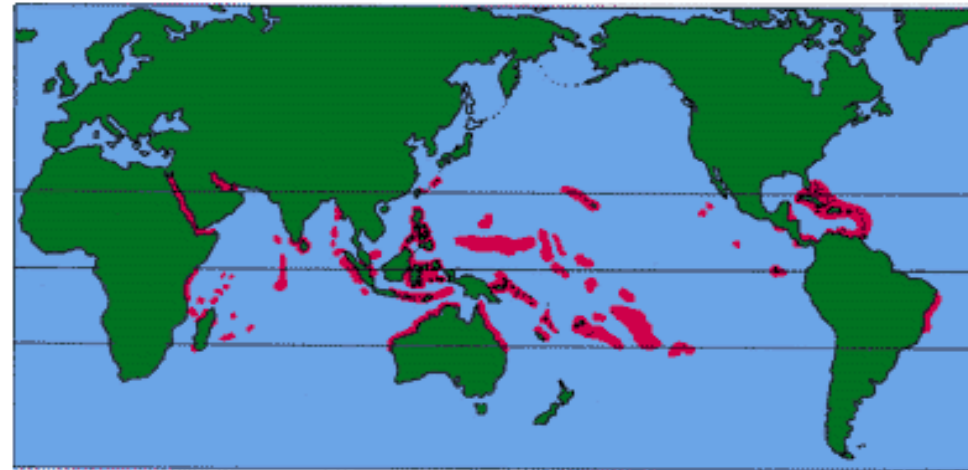
Collaboration with FRANCE

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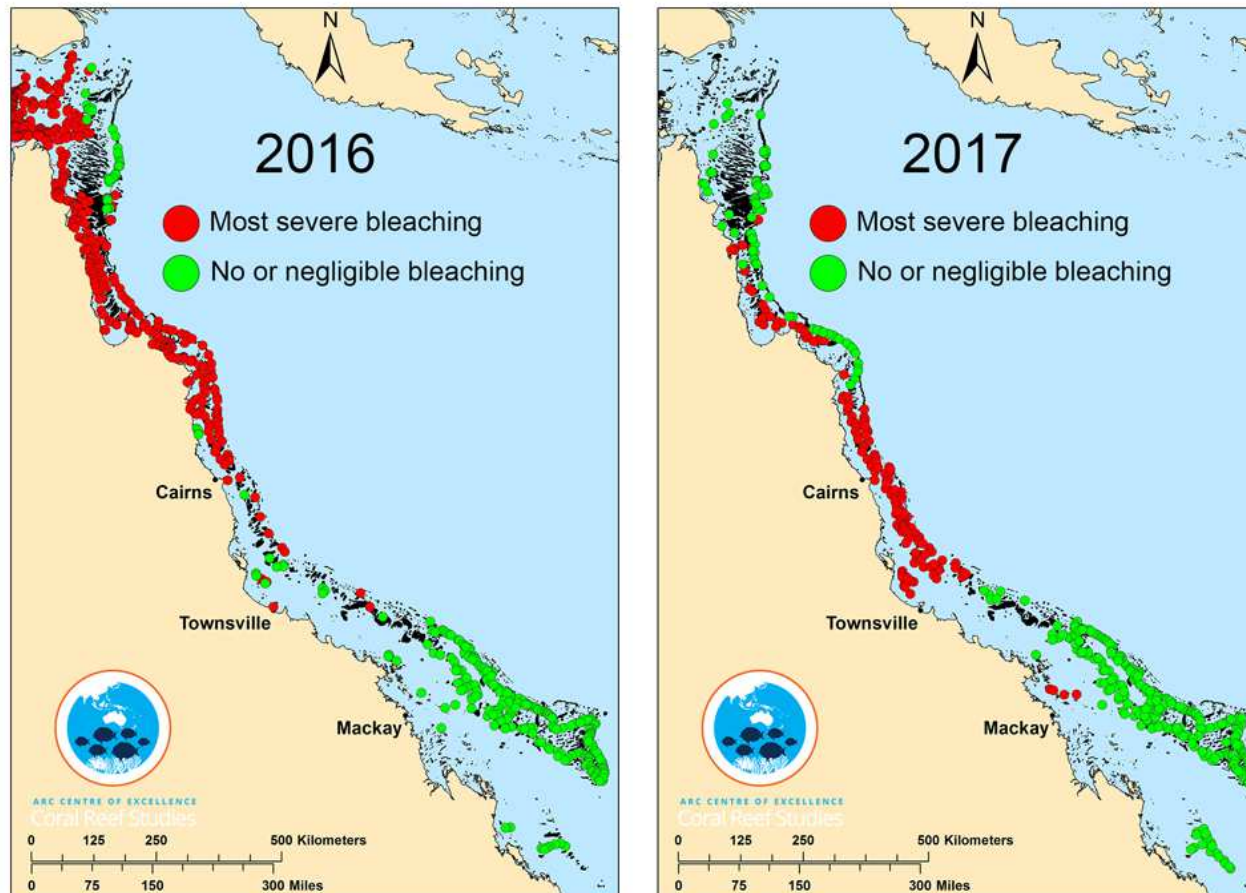
Global importance of coral reefs

- **Provide essential ecosystem goods and services to ~500 million people in 130 developing countries**
- **50% severely degraded, science-based management is urgently required**
- **Critical need for improved training, research capacity, and collaboration**



Coral reef hotspots around the World

Climate-Change research



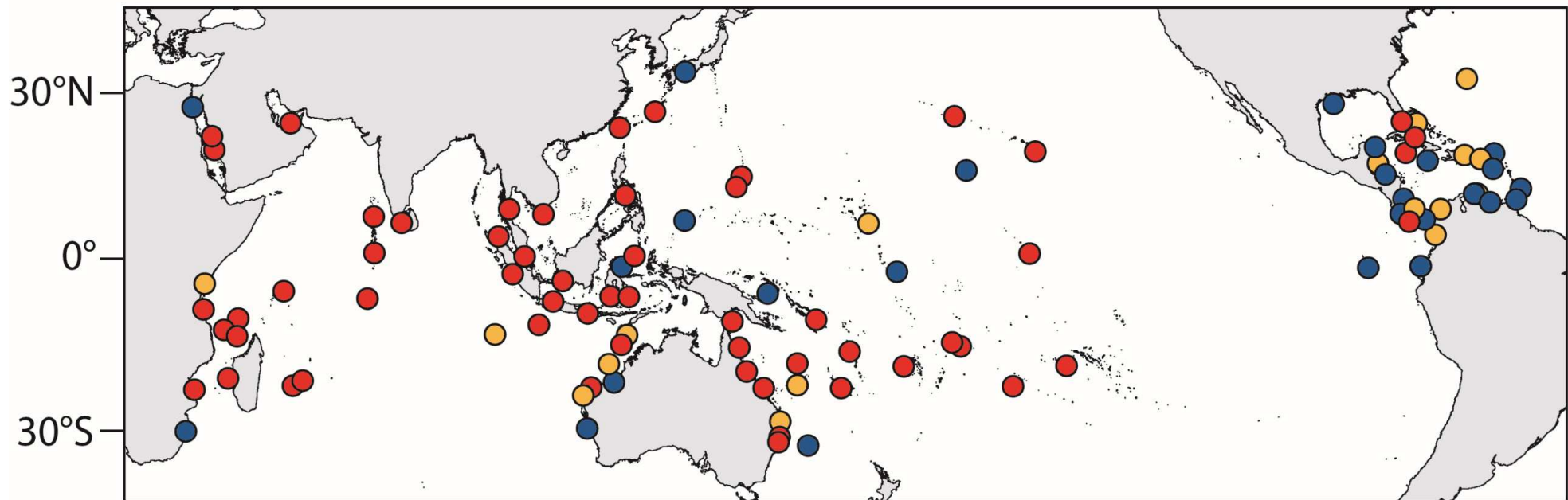
Hughes & Kerry, 2017



Hughes et al. Nature 2017a

Global Challenges – Global Research

Coral Bleaching 2015-2016

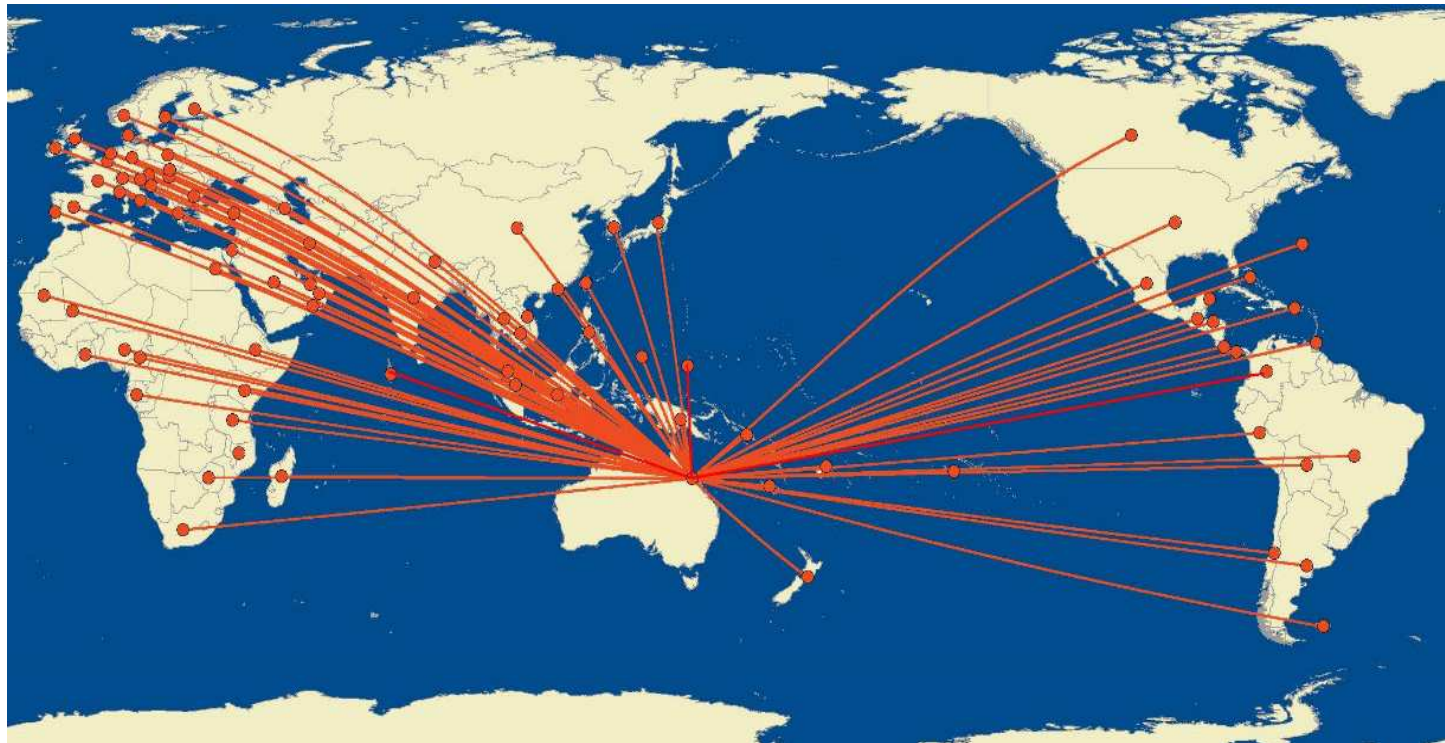


Hughes et al. *Science* (2018)

WWW.CORALCOE.ORG.AU

Global Engagement and collaboration

Building research capacity and global networks



Pathway to impact

I. Defining research priorities and undertaking world-class research: in collaboration with industry partners, government and NGOs



II. Research Outputs: Publishing world-class coral reef research in peer-reviewed outlets



III. Knowledge Transfer: Providing strategic research advice and information to industry, policy-makers, and other end-users; transferring technology; training; and public outreach



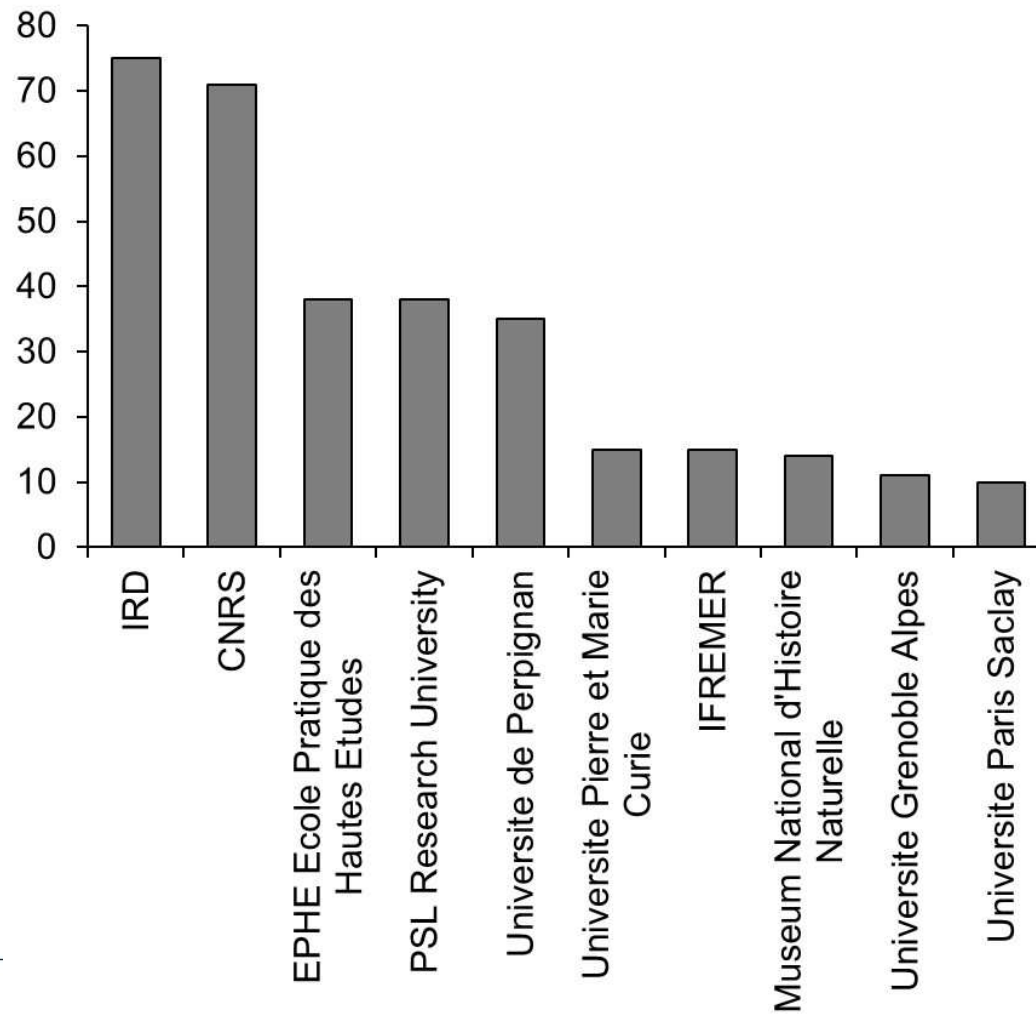
IV. End-User Applications: Our research is applied by end-users to achieve national and international benefit

Facts and figures (2014-2017)

ARC Centre researchers published 194 journal articles with French co-authors in the past 3 years alone.

- The top six French co-authors with the Centre for the last 3 years are:
 - David Mouillot (Montpellier) 85 publications
 - Serge Planes (CNRS) 47 publications
 - Michel Kulbicki (IRD) 19 publications
 - Valeriano Parravicini (EPHE) 17 publications
 - Wilfried Thuiller (CNRS) 11 publications
 - Fabien Leprieur (Montpellier) 10 publications

Top 10 Collaborating Institutions in France





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