



RUN Latin America Delegation The University of the Sunshine Coast Research Profile

Professor Mark Brown
Director, Forest Research Institute
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Who am I and what do I do?

Prof Mark Brown

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Prof David Schoeman

Professor of Global Change Ecology

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Our key research focus areas

HEALTHY PEOPLE



HEALTHY PLANET



Research impact



498

research
staff



548

HDR
students



\$33.5m

research
income (2023)



7,325

research
publications
(2018–2023)

Forest Research Institute

The Institute is comprised of three Centres:

- Forest Industries Research Centre
- Tropical Forests and People Research Centre
- National Centre for Timber Durability and Design Life



Australian Centre for Pacific Islands Research

Research areas and projects:

- Sustainable production systems
- Environmental sustainability
- Peoples and cultures
- Nutrition and health

Centre for Bioinnovation

Research themes:

- Applied Microbiology
- Aquaculture Biotechnology
- Biodiscovery
- Conservation and Biodiversity
- Human and Animal Health and Disease

RESEARCH IMPACT

Seaweed Research

- Made up of more than 30 academics, students and technical staff.
- Helping communities, government and business identify opportunities to develop and cultivate seaweed as a resource that is good for the economy, the environment and communities everywhere.
- Research focus areas:
 - Seaweed as a food source
 - Seaweeds and their extracts
 - Seaweed as an environmental champion
 - Seaweed for wellbeing





RESEARCH IMPACT

Forestry

- Research undertaken by the Forest Research Institute has resulted in a range of recent impacts in the Asia-Pacific, ranging from enhanced reforestation in the Philippines to timber royalty policy enhancements for communities in Papua New Guinea.
- Project Tarsier — a large scale reforestation project funded by carbon credits, enhancing independence and improving livelihoods for communities in the Philippines.





RESEARCH IMPACT

Pacific Islands

- Our research helps improve health and nutrition in Pacific Island communities, finding opportunities to inform food provision and nutrition education programs.
- As the climate changes at unprecedented rates, we develop and apply solutions alongside Pacific Island communities vulnerable to loss of livelihoods due to extreme weather events and longer-term climate change impacts.





RESEARCH IMPACT

Protecting the oceans gentle giants

Manta Rays are listed as 'Threatened with Extinction' due to being targeted for fisheries in parts of the world.

Our research collaboration 'Project Manta' engages scientists, partners and the public in a comprehensive study, to provide baseline knowledge for their long-term conservation, while supporting economic and social benefits through ecotourism.



Example of research project

- Australian Forest and Wood Innovation (AFWI)
 - Sustainable forests for the future
 - Climate change solutions through forests and wood products
 - Higher value use of wood and fiber
- IEA Bioenergy TCP – Sustainable biomass and bioenergy
- Natural Capital
 - Carbon
 - Biodiversity
 - Water
 - Community/social development