

## Tropical Water Research Alliance

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Área: Pesquisa

The Tropical Water Research Alliance (TWRA) is a scientific association dedicated to the research, management, and sustainability of water resources, established in 2020. The primary objective of this collaboration is the development of networked research projects and technological, educational, and management solutions to promote the protection of watersheds in tropical regions, particularly between Brazil and Australia. I currently hold the position of Deputy Director of the Regional Office of Santa Catarina. Strengthening the bond with Australian researchers occurred during a Technical-Scientific Mission to Australia in October 2022, in which the present researcher was able to join the Brazilian delegation, along with representatives from Santa Catarina (funded by FAPESC), Brasília, Rio de Janeiro, and Espírito Santo. The articulation of partnerships culminated in the reception of a researcher from Santa Catarina for PhD development at Griffith University, as well as three Brazilian researchers for postdoctoral internships, Australian funding for a research project on the assessment of threats to water security in Bahia, and the creation of a portfolio of research groups interested in establishing international collaborations with TWRA. Two working groups are currently active, with the participation of the present researcher, producing networked scientific articles, aiming to discuss the legal protection of Brazilian water resources and the gaps in research on biodiversity and conservation of aquatic communities in Brazil. TWRA is structuring a specialization course in water resources management, whose faculty will consist of associated researchers and professors, and currently offers technical training through the Pathway Program, offered by the International Water Center in partnership with Griffith University. TWRA is a technical-scientific collaboration institution still in formation but already has institutional support from CONFAP to strengthen international partnerships and an active network of scientific, educational, and technical production.

Palavras-chave: aquatic biodiversity; water management; scientific network

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