

## **Ehh what's up DOC? Down the rabbit hole of dissolved organic matter in aquatic ecosystems.**

**Palestrante:** Prof. Dr. Aleicia Holland.

**Instituição:** Department of Ecology, Environment and Evolution. La Trobe University. Albury/Wodonga Campus. Austrália.

**Data:** 27/11 das 10h às 10h50

**Resumo da palestra:** Aleicia's research investigates the role dissolved organic matter (DOM) plays in aquatic ecosystems. She incorporates a mixture of analytical and optical methods to characterise DOM in freshwaters and to explore its influence on aquatic communities and toxicity of contaminants such as metals. Aleicia also has a passion for Amazonian rivers and the aquatic communities they support. Her research spans the fields of aquatic ecology, biogeochemistry and ecotoxicology. Her work has been funded by the ARC, international metal associations, government, industry and catchment authorities. Aleicia's work goes towards improving management of freshwater ecosystems and current water quality guidelines for contaminants such as metals.

**Biografia:** Dr. Aleicia Holland is a Senior Lecturer at La Trobe University and a member of the Centre for Freshwater Ecosystems. She also holds a visiting scientist position within CSIRO Land and Water. Dr Holland completed her PhD in 2014 at CQUniversity, Rockhampton, QLD, before conducting a postdoctoral fellowship at the National Institute of Amazonian Research (INPA) in collaboration with University of British Columbia. In 2016 she was awarded an Australian Research Council Discovery Early Career Researcher Award, which she began at the University of Wollongong and then moved to La Trobe University in 2017. Dr Holland has published more than 28 publications and more than 20 scientific reports and has attracted more than \$2M in research income. She is the recipient of numerous awards including most recently the 2020 Society of Environmental Toxicology and Chemistry Australasia Early Career Medal and the Australian Freshwater Sciences Society Early Career Researcher Excellence Award.

