# Environmental controls of coral growth: Data driven multi-scale analyses of rates and patterns of growth in massive Porites corals around the Thai-Malay Peninsula

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# Curriculum vitae

Jani Tanzil was born in Singapore but grew up in Indonesia, where her love for nature and the outdoors started. She started diving in 2002 and has been actively exploring Singapore's, and the region's, coral reefs for work and leisure over the last 10 years. Jani obtained a BSc in Biology from the National University of Singapore in 2004, and an MSc in Tropical Coastal Management from the University of Newcastle upon Tyne in 2007. She has also previously worked for the Singapore-Delft Water Alliance (NUS), Tropical Marine Science Institute (NUS) and Department of Biological Sciences (NUS) on various coral reef-related research projects. In April 2013, Jani has also joined the Singapore-MIT Alliance in Research and Tehcnology (SMART) and her current work at SMART involves the reconstruction of past environmental parameters as well as growth rates from massive *Porites* corals sampled around Singapore using sclerochronological methods. From 2009–2013, Jani pursued her PhD at the Section Computational Science at the University of Amsterdam, where she investigated the environmental controls of growth of massive *Porites* corals around the Thai-Malay Peninsula. The results of this research are described in this thesis.