



Lise Bolton

Senior Environmental Engineer and Company Director

Master of Engineering with Advanced studies in Environmental engineering

Bachelor of Applied Science (Environmental Resource Management)

Member of Engineers Australia, Irrigation Australia, Australian Water Association

Lise is the managing director and senior environmental engineer at Ecoteam. She has experience in designing a range of treatment systems for water, wastewater and stormwater, with a focus on adsorption technology and bioremediation for contaminant removal. Lise has designed a number of large centralised wastewater treatment systems in Australia and Borneo. She is highly skilled in the assessment and remediation of contamination, including environmental monitoring & reporting. Lise is also an accredited irrigation designer and has designed a number of small scale and large scale irrigation fields on a range of project sites.

Environmental Consultant & Environmental Engineer at Ecoteam

2006 – Present

Lismore, NSW (www.ecoteam.com.au)

Position Duties

- Design and modelling of water, wastewater, stormwater and leachate treatment systems;
- Design of constructed wetland treatment systems;
- Wetland health assessments
- Field assessments and reporting for environmental studies;
- Water quality monitoring and assessment;
- Water quality environmental management plans
- Contaminated land assessment and remediation;

Key Projects

- Design of Orana Haven village scale wetland sewage treatment and effluent reuse system.
- Detailed design of wastewater treatment system for orangutans with Tuberculosis, East Kalimantan, Indonesia.
- Assistance in operation, maintenance and upgrade of water and sewage infrastructure in three remote communities.
- Design and modelling of stormwater treatment system for Byron Bay Sports and Cultural Centre.
- Development of drinking water treatment options for remote aboriginal communities
- Site supervision, sampling and assessment of contamination of underground storage tanks and service station infrastructure.
- Development of leachate treatment and surface and groundwater monitoring plans for Mara Seeds biochar and composting project
- Design and modelling of Brisbane Airport leachate treatment system
- Development of an activated biochar phosphorus filter

Publications and Theses

- Bolton, L and Bolton, K. 2013. Design, construction and performance of a horizontal subsurface flow wetland system in Australia. *Water Science & Technology* 68, 9.
- Bolton, L. An investigation into the suitability of an enhanced biochar substrate for phosphorus removal in a horizontal subsurface flow wetland. Master's Thesis. Griffith University.