

## **Graduation Citation**

- **MIGUNTANNA, Nandika Prasadani**

B.Sc. Eng. (Hons), University of Peradeniya, Sri Lanka

**Thesis Title:**

Nutrients build-up and wash-off processes in urban land uses

**Supervisors:**

Professor Ashantha Goonetilleke (Principal)

Dr Prasanna Egodawatta (Associate)

Dr Serge Kokot (Associate)

**Citation:**

This research study enhances effective design of urban stormwater quality mitigation strategies with the creation of new knowledge for improving the accuracy and reliability of water quality modelling. Dr Miguntanna investigated nutrients build-up and wash-off processes on impervious surfaces in different urban land uses. Nutrients are among the primary pollutants in urban stormwater runoff. The knowledge on the nutrient build-up and wash-off was created by investigating both the underpinning physical and chemical processes.