

“Where will our knowledge take you?”

2009 BMT WBM Award for 2nd and 3rd Year Civil and Environmental Engineering Students

Since 2001, BMT WBM has sponsored an annual award for Civil and Environmental Engineering students. The award is open to all 2nd and 3rd year students at UQ, Griffith or QUT. It is aimed at students with an interest in a career in Environmental Consulting, particularly in the fields of Water Quality, Flood Hydraulics and Coastal Processes.

The prize will be awarded on the basis of the entrant’s curriculum vitae and a 1000 word essay on any one of the following topics:

- Discuss the physical processes that contribute to flooding of coastal areas experiencing a tropical cyclone event. Also discuss some methods that could be used to quantify the risk of coastal inundation due to tropical cyclones.
- Development and calibration of a flood model is heavily reliant upon quality survey and hydrological data. Discuss the various types of survey and hydrological data used for flood modelling, and how the accuracy of the data can affect the outcomes of the modelling process.
- Discuss the general principles of Water Sensitive Urban Design (WSUD) including its advantages, applications and barriers to implementation.

The winner will be provided with an offer of 12 weeks vacation work as a student engineer at BMT WBM, as well as \$1000 cash. Opportunities for carrying out a 4th year thesis project with BMT WBM assistance will also be discussed with the winner.

BMT WBM is one of Queensland’s largest specialist environmental consultancies with a multi-disciplinary team of engineers and scientists. Further details on the company can be found at www.wbmpl.com.au.

The closing date for submissions is Monday 31st August 2009. The application should include the essay and an up-to-date curriculum vitae describing previous work experience, academic results and other extra-curricular activities / achievements.

Submissions should be sent to Sharon Wallace via e-mail (sawallace@wbmpl.com.au).

