

Workshop Invitation

ANUGA – Present Applications and Future Potential

16-17 September 2008

Geoscience Australia, Cnr Jerrabomberra Avenue and Hindmarsh Drive,
Symonston ACT 2601, Canberra, AUSTRALIA

Background

ANUGA is a Free and Open Source Software implementation of the Shallow Water Wave equations which has been developed by Geoscience Australia (GA) and the Australian National University (ANU) since 2004. The software can be downloaded online at <http://sourceforge.net/projects/anuga>.

ANUGA has primarily been used for tsunami inundation modelling (see e.g. <http://www.ga.gov.au/ausgeonews/ausgeonews200609/modelling.jsp>), due to the worldwide interest in tsunamis triggered by the events of Boxing Day 2004. Presently, there is an increasing interest in developing ANUGA into a tool for flood modelling, dam break studies and modelling of coastal processes (see e.g. http://www.rienco.com.au/index.php?v=Research_and_Development).

Workshop objectives

- Bringing the user community closer together
- Sharing different case studies where ANUGA is being used to model hydrodynamic systems
- Discussing and making prioritised recommendations for the future development of ANUGA.

Attendance, Speakers and Contacts

Attendance at this workshop is free with lunch and morning/afternoon teas provided at no cost to the participants. However, no assistance will be provided by Geoscience Australia for any costs associated with transport and accommodation.

Please e-mail Miriam.Middelmann@ga.gov.au if you are interested in attending or have any questions regarding this workshop. Please also indicate if you would like to give a presentation on ANUGA related work and submit a title and an abstract on your proposed presentation by 30th June 2008 to assist in putting the program together. For technical questions regarding ANUGA please e-mail the mailing list at anuga-user@lists.sourceforge.net. For all other inquiries about the ANUGA model, please e-mail Ole.Nielsen@ga.gov.au or Stephen.Roberts@anu.edu.au.

Further information on this workshop will be available on the ANUGA wiki at <https://datamining.anu.edu.au/anuga/wiki/SecondAnugaMeeting> as it becomes available.