

# Underworld

a long term geodynamics simulation platform

## UNDERWORLD GRID WORKSHOP 2009

### Overview

The Underworld Grid Workshop will introduce **potential, new and current users** of Underworld to submitting Underworld models to computer clusters across the ARCS (<http://www.arcs.org.au/>) Grid, using the Grid submission client Grisu graphical user interface. Participants will learn how to submit existing Underworld model files to a computer cluster, using a select range of Underworld's modelling capabilities, and view and retrieve their results.

**Date:** Wednesday 10 June, 2009

**Time:** 8.30 am - 9.00 am Registration  
9.00 am - 2.00 pm Workshop, including morning tea and lunch (provided)

**Venue:** Meeting Room 241, Building H  
Monash University Caulfield Campus  
900 Dandenong Road  
Caulfield East VIC 3145

**Map:** [http://www.geodynamics.monash.edu.au/underworldgridworkshop/caulcampusmap\\_april08.pdf](http://www.geodynamics.monash.edu.au/underworldgridworkshop/caulcampusmap_april08.pdf) (127 KB)

### FREE Registration!

Registration is **FREE** and includes morning tea and lunch.

**Places are limited! Registrations close Wednesday 3 June at:**

<http://www.geodynamics.monash.edu.au/underworldgridworkshop/>

### About Underworld

Underworld is a 3D-parallel geodynamic modelling framework capable of deriving viscous / viscoplastic thermal, chemical and thermochemical models consistent with tectonic processes, such as mantle convection and lithospheric deformation over long time scales. Underworld is under collaborative development by **Monash University** (<http://www.monash.edu.au/>) and the **VPAC** (<http://www.vpac.org/>), as part of the NCRIS AuScope capability in the **Simulation and Modelling Victoria** (<http://www.auscope.monash.edu.au/>) program. See <http://www.underworldproject.org/> for more information.

### Requirements

Participants are required to:

- > bring their own laptop, running Windows, Linux or Mac OSX
- > ensure at least version 1.5 of Java is installed on the laptop, **prior to the workshop**
- > register the laptop at their home institution on the edu roam wireless network, (or for Monash participants on the Monash-Connect wireless network) and configure laptop accordingly, **prior to the workshop**.

Participants will **NOT** be required to install Underworld on their laptop prior to or during the workshop. Prior experience with using Underworld, command-lines or computer clusters is **NOT** required.

