

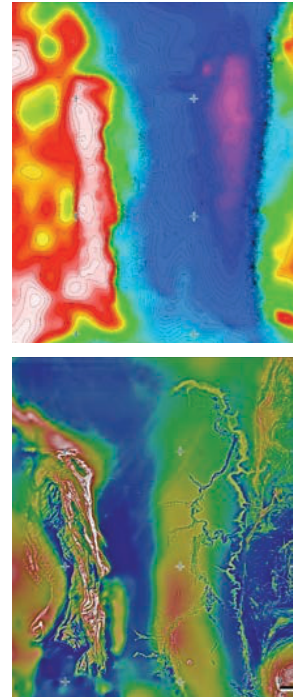


# GRAVITY AND MAGNETICS IN OIL AND GAS EXPLORATION

A 1-day introductory course for geologists  
Perth - Tuesday March 22, 2016

## OVERVIEW

Gravity and magnetic survey coverage is rapidly expanding worldwide, but our ability to assimilate these data into exploration programs is not keeping pace. This introductory course aims to enlighten participants on the strengths and weaknesses of these potential old methods and to illustrate how best they can be used to progress exploration programs. The day will include several 'hands-on' exercises.



## WHO SHOULD ATTEND

Project personnel involved in interpretation  
Management responsible for cost-effective exploration

## SCHEDULE

- GRAVITY – Basic Physics, Acquisition, Processing, Geological Resolution
- MAGNETICS – Basic Physics, Acquisition, Processing, Depth Estimation, Geological Resolution
- INTEGRATION AND INTERPRETATION – Observation methodology, Modelling and Inversion, Seismic Reconciliation
- CASE STUDIES AND EXERCISES

## PRESENTERS

- Dave Isles - has had close involvement in both airborne and ground gravity and magnetic surveys for over 35 years. He has worked in onshore and offshore basins, mainly in Australia and Papua New Guinea.
- Bruce Craven – has broad experience in exploration and consulting spanning 40 years. Bruce has completed major projects for oil exploration in Australia and overseas.
- Anne Tomlinson – specialises in the qualitative and quantitative interpretation of gravity and magnetic data. She has worked on oil and gas exploration projects in offshore and onshore settings in Papua New Guinea and East Africa, as well as mineral exploration projects worldwide.

Venue: Southern Geoscience Consultants  
SGC Conference Room, Level 1, 183 Great Eastern Highway, Belmont (near Airport)  
9am- 5pm.  
Lunch and morning/afternoon tea provided.

Cost: AUD\$960 per person (+GST)

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