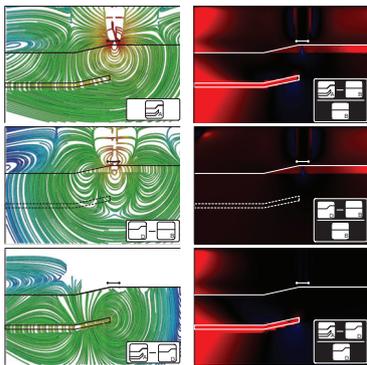
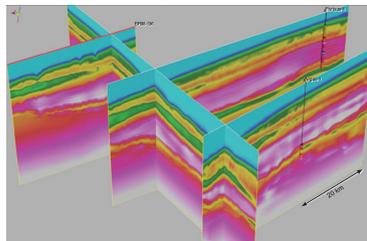
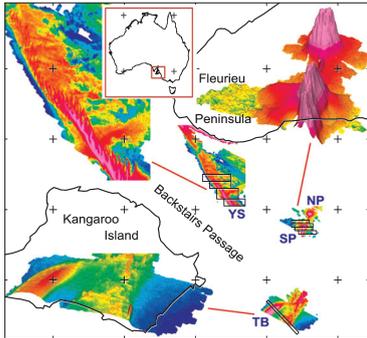


# EXPLORATION GEOPHYSICS

[www.publish.csiro.au/journals/eg](http://www.publish.csiro.au/journals/eg)

10.1071/EGv45n3toc



**147–153 Prediction and removal of rotation noise in airborne EM systems**

Terence Kratzer and James Macnae

**154–163 A description of seismic amplitude techniques**

James Shadlow

**164–170 Seismic-while-drilling data processing with seismic interferometry in the Daqing Oilfield experiment**

Hongtao Liu, Weichuan Huang and Yuquan Li

**171–176 Optimised edge detection filters in the interpretation of potential field data**

Lili Li, Danian Huang, Ligu Han and Guoqing Ma

**177–188 Identifying damaged areas inside a masonry monument using a combined interpretation of resistivity and ground-penetrating radar data**

Kyosuke Onishi, Tomochika Tokunaga, Yoshihiro Sugimoto, Naoyuki Yamada, Mohamed Metwaly, Katsuro Mogi, Ichita Shimoda and Yoshinori Iwasaki

**22nd ASEG Geophysical Conference and Exhibition, February 2012**

**189–200 Airborne electromagnetic detection of shallow seafloor topographic features, including resolution of multiple sub-parallel seafloor ridges**

Julian Vrbancich and Graham Boyd

**201–207 Efficient forward modelling using the self-consistent impedance method for electromagnetic surface impedance**

Hugo G. Espinosa and David V. Thiel

**208–215 Bathymetry, electromagnetic streamlines and the marine controlled source electromagnetic method**

Andrew Pethick and Brett Harris

**216–222 Pre-stack depth migration for improved imaging under seafloor canyons: 2D case study of Browse Basin, Australia**

Helen Debenham and Shane Westlake

**223–233 Fault and dyke detectability in high resolution seismic surveys for coal: a view from numerical modelling**

Binzhong Zhou and Peter Hatherly

**234–241 Prestack time imaging algorithm with simultaneous velocity estimation in hard rock environments**

Konstantin Tertysnikov, Andrej Bóna and Roman Pevzner



Australian Society of Exploration Geophysicists



Society of Exploration Geophysicists of Japan



Korean Society of Earth and Exploration Geophysicists