

# Series 1 - 2017



## U3A DUNEDIN

CHARITABLE TRUST

Website:

***u3adunedin.org.nz***

Course title: **Geology for the Non-Geologist**

Dates: **Tuesdays, 7 March - 11 April 2017**

Time: **2:15 - 4:15 p.m.**

Venue: **Otago Golf Club,  
125 Balmacewen Road, Dunedin**  
(Enrolments for this course will be limited to 150)

**Course fee: \$45** Tea and coffee provided.

**Course Convenor: Clare Robertson**

Email: [clare.robertson@otago.ac.nz](mailto:clare.robertson@otago.ac.nz)

Phone: 477 4398

Mobile: 027 648 8850

This course has been developed by **Kevin Helm**

If you would like to apply for more than one course, please rank your choices. If you enrol via our website **please complete payment of the appropriate fees** EITHER by internet banking (include Membership No. in Reference box), OR by cheque (to: Programme Secretary, U3A Dunedin, PO Box 6491, North Dunedin 9059.)

All applications must be received by **Friday 27 January 2017** and you will receive a response to your application by Friday 10 February 2017.

Please contact the Programme Convenor ([courses@u3adunedin.org.nz](mailto:courses@u3adunedin.org.nz), 021 258 4183) or the Secretary ([mw.potter42@gmail.com](mailto:mw.potter42@gmail.com), 453 4721) with any queries.

### **Postponements:**

Check the website: **u3adunedin.org.nz** or listen to:

The Breeze 98.2 FM — Radio Dunedin 99.8 FM — MoreFM 97.4 FM

**Please note:** please no recording, photographing or videoing at any session in any of the courses.

***Please keep this brochure as a reminder of venue, dates, and times for the courses for which you apply.***

# Geology for the Non-Geologist

This course was developed in response to an increased interest in geology following the recent earthquakes in New Zealand. The course seeks to give a broad understanding of the history, structure and composition of the earth, (including rocks, mountains, fossils, rivers and other features) with a particular emphasis on New Zealand /Zealandia. The speakers are all specialists in their fields and will deliver their presentations in non-technical terms. They will cover a wide range of topics including:

**7 March**     **NZ Tectonic Plates & Earthquakes: Alpine Fault & East South Island**  
*Dr Simon Cox, Structural Geologist, GNS Science, Dunedin*

**Zealandia the Hidden Continent & Australian/Antarctic Connection**  
*Dr Nick Mortimer, Petrologist, GNS Science, Dunedin*

**14 March**     **South Island Rivers & Landscapes**  
*Professor Dave Craw, Department of Geology, University of Otago*

**Landslides & Liquefaction**  
*Dr Simon Cox, Structural Geologist, GNS Science, Dunedin*

**21 March**     **Evolution of New Zealand Native Plants**  
*Associate Professor Daphne Lee, Department of Geology, University of Otago*

**Vanished World: fossils, penguins, dolphins & dinosaurs**  
*Professor Ewan Fordyce, Department of Geology, University of Otago*

**28 March**     **Gold Nuggets in Otago**  
*Professor Dave Craw, Department of Geology, University of Otago*

**Oil, Gas and Fracking in New Zealand**  
*Dr. Alex McAlpine, International Oil & Gas Exploration & Production  
Consultant*

**4 April**     **Searching for the Resources of the Future**  
*Mr. Rob Smillie, Head of Department – Regional Geology, GNS  
Science, Dunedin*

**Ups & downs of Land and Sea Levels**  
*Dr Paul Denys, Lecturer, School of Surveying, University of Otago*

**11 April**     **Nor'westers & Climate Change in the Southern Hemisphere**  
*Speaker to be confirmed*

**Volcanoes & Ash Clouds: Dunedin, Taupo, Ruapehu & Auckland**  
*Professor James White, Department of Geology, University of Otago*