

# NELSON DISCUSSION GROUP – JULY

*‘Enjoying learning from each other’*

Friday, 13th July 2018

## Fast Facts

**Discussion Leader/Presenter:**

Dr. Gerrit van der Lingen (Geologist & Paleoclimate Researcher)

**What:**

“The Energy Revolution”.

**When:**

5.00pm Friday, 13 July 2018

**Where:**

Nick Smith’s Community Room  
544 Waimea Road, Annesbrook, STOKE

**To register:** Carol Foote on 03 548 1707 or  
[CFoote@golder.co.nz](mailto:CFoote@golder.co.nz) for further information

**Parking:** On Site

**Cost:** free for all. Includes drinks and finger food

**Our Discussion Group** Welcomes all persons with engineering, geotechnical, general geoscience and environmental interests. Meetings are normally held on the second Friday of each month from 5pm. (note: the earlier date for this meeting).

**Future Meeting:**

**Friday 10 August: “Taitapu (Golden Blocks) – The Forgotten Goldfields”.**

**Speaker: John Taylor, Nelson**

**Venue to be confirmed.**

The Nelson Discussion Group series is brought to you by local geoscientists and engineers supported and funded by local professional enterprises, individuals and the AusIMM and is worth 2 PD hours.



**Conveners:** John Dow FAusIMM(CP)  
James Macdonald (FSEG)

## “The Energy Revolution”.

**Speaker: Dr. Gerrit van der Lingen**

**Abstract:**

This talk sets out to show that the concept of *Peak Oil* is obsolete. The talk consists of the following chapters:

1. Peak Oil
2. Recent discoveries of conventional oil and gas deposits (Brazil, Mediterranean, Arctic, Canada)
3. Unconventional oil and gas: shale oil and gas (“fracking”)
4. Coal
5. Future new resources
6. The Industrial revolution - the Green movement and fossil fuels

**About our speaker:**

Dr. Gerrit van der Lingen studied geology at Utrecht University in The Netherlands. The subject of his PhD thesis was the geology and structure of an area in the central Spanish Pyrenees. His first job was in Surinam, South America, where he worked in the Amazon jungle for three years. In 1965, he came to New Zealand to join the Sedimentology Laboratory of the NZ Geological Survey. He took part in two expeditions of the Deep Sea Drilling Project on the scientific drilling ship the *Glomar Challenger*. While still employed by the NZ Geological Survey, he also carried out research, jointly with colleague David Smale, on the petrology of drill cores from the Great South Basin and Taranaki. 8 papers and reports were produced.

He worked as a private consultant from 1990 and was a Research Associate at the University of Canterbury. He carried out consultancy work for the Petrocorp Oil Company, producing 12 reports on drill core samples.

From 1991 to 2002 he was involved in paleoclimate research, studying ocean sediment cores from the Tasman Sea and Southern Ocean. For the last 16 years he has been active in the climate change debate. He collated his articles, essays, debates, etc. in a book titled “The Fable of a Stable Climate”, published in 2016.