2022-2023
Distinguished Lecture Tour

This national tour is sponsored by the Canadian Society of Exploration Geophysicists (CSEG) Foundation and presented by a distinguished member of the society. The goal of the tour is to promote the science and application of geophysics and to highlight a topic of current interest.

Dr. Rachel Newrick, P.Geoph., P.Geol., is an exploration geophysicist working and teaching internationally with a focus on seismic interpretation. She completed undergraduate degrees at VUW in New Zealand and a PhD in Exploration Seismology at the University of Calgary, Canada.
She is the co-author of the SEG Geophysical Monograph Series #13, Fundamentals of Geophysical Interpretation with Dr. Larry Lines, a contributor to two 52 Things… books, and has presented at a variety of technical conferences and luncheons. Rachel was the 2015-2016 President of the CSEG and 2021-2022 President of the Canadian Federation of Earth Sciences. Most importantly, she is inquisitive and likes to take on challenges.

Geophysics
…the future is so bright, we have to wear shades

The world is facing many global challenges: poverty, insufficient clean water supply, hunger and a lack of energy security amongst others. To tackle them, the world needs critical thinkers, who are curious and inventive. Utilizing a variety of skills and technologies, geophysicists play a significant role in helping the world meet the 2030 UN sustainable development goals.
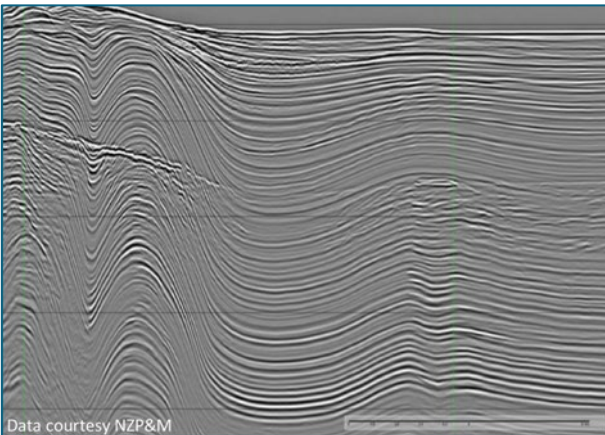
Data courtesy NZP&M

Geophysicists interrogate the subsurface to locate oil, gas, minerals, water, brine, subsurface reservoirs for carbon sequestration, and to improve our understanding of hazards, earthquakes etc.
The thought process that we use in exploration can be used as we look forward to the future, progressing oddities to leads and prospects.
The future is bright for geophysicists, and for the world because geophysicists are helping address many global challenges.

Date: **Tuesday, October 4th**   Location: **Huggins 336**
Time: **4 pm (free pizza for participants & a chance to chat with the speaker)**