



## FRIDAY ENVIRONMENT FORUM

NPA Environment Centre

23 February 2018

### Why do the latest scientific findings keep changing?

We all have a good idea what 'beyond reasonable doubt' means coming from a jury in a courtroom, but what does it mean to a scientist? What is the difference between a theory that any person might have about any subject and a scientific theory? Is a scientific law somehow better or truer than a scientific theory? How does science work?

Science is a way of investigating reality and that's a very big subject, so it's no wonder that science has many different disciplines, each with its own specialised, often daunting terminology. It's easy to feel dazzled or confused by mysterious sounding pronouncements made against a backdrop of shiny lab equipment or gigantic telescopes, and it doesn't help when the latest findings contradict what you learned in school, or even just last year. So what does 'proven by science' really mean, and why do 'the latest findings' keep changing?



*On the edge - Grey Glacier, Patagonia  
Sea levels are rising faster than previously  
predicted owing to melting glaciers and ice sheets*

**Rod Jamieson** is the guest speaker at Friday Environment Forum on **February 23**. He will take you through these questions and more while briefly touching on some of the major scientific laws and theories that underpin our technological civilization. He'll examine the relationship between CO<sub>2</sub> and global temperature to illustrate how science can resolve mysteries. He will show how explaining the past helps forecast the future, and why this is not simple and straightforward

This talk won't make a scientist out of you but it will help you distinguish between good science and bad. The morning concludes at 12.15pm.

Join the audience at the **Environment Centre, 5 Wallace Drive, Noosaville** for a **10.30am start** but coffee and a friendly chat will be on offer from 10am.

To learn more about the birds of Wallace Park, join Valda and the **Interpretive Birding Group** in the car park at **8.30am**. All welcome.