



Robertson Environment Protection Society
April Meeting – 7:30pm Friday 11th April 2014
Robertson Community Centre Caalong St Robertson

Speaker: Lin Sutherland, geologist

School of Science & Health, University of Western Sydney, North Parramatta,
and Geoscience & Archaeology, Australian Museum, Darlinghurst, Sydney

Topic: “In depth Robertson: It’s geological foundations, their origin and landscapes”



The Robertson area was conceived in the condensation of the Solar planetary system, when Earth condensed from dust and gas into the Third Planet.

The Sydney Basin underwent a cataclysmic climate change just before 250 million years ago. This produced the greatest extinction of Life on Earth, when over 90% of species vanished from the fossil record.

The rifting and later Tasman seafloor spreading history up to 50 million years ago was accompanied by widespread basaltic volcanism, which continued on until 20 million years ago in the Southern Highlands.

Former valleys overflowed with lavas, forcing drainage systems into new erosive channels. Weathering of the basalts produced rich fertile soils like those well known around Robertson.

All welcome - a light supper will be provided. Entry with a gold coin donation