



The Royal Society  
of Western Australia

RSWA Talk

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**NOTICE OF ORDINARY GENERAL MEETING**

15 July 2019, 5.30pm  
Kings Park Administration Building  
1 Kattidj Close, Kings Park

***We are seeking input from all members on the proposed changes to the constitution which will impact on the future of the Society. Please take this opportunity to have your say!***

and July presentation:

**Landslides and beachballs: WA's unique earthquake history**  
Professor Myra Keep (School of Earth Sciences, UWA)

The OGM will precede the presentation

Free admission. To register online via Eventbrite click [here](#)



WA hosts an anomalous number of earthquakes, both onshore and offshore, and Australia's largest ever recorded earthquake (Meeberrie, 1941, M7.1) also occurred in WA. Since 1900 there have been over 11,565 earthquakes (including those offshore), and this century alone there have been 5662 recorded by Geoscience Australia. Most of these are low-magnitude events with magnitudes 3 or less, but there have been some larger ones with magnitudes of 5 and above. These events all fall into a category called "intraplate" which means that they occur far away (thousands of kilometres) from active tectonic plate boundaries, so are far harder to understand and explain.

Many occur in the form of earthquake “swarms” where tens of events of very low magnitude (average around M2.5) occur in a region of a matter of hours, days or weeks.

This talk will explain the location of earthquakes in WA, what we know about them, and why they might be occurring.