

Seismic Activity in the Region

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The recent seismic activities, on 27 February 2018 ($M=4.1$) and 12 November 2019 ($M=4.8$), were felt on the island of Mauritius. The events were located ~ 100 km south-west and ~ 216 km east of Mauritius, respectively. It is not the first time that seismic activities are being felt on the Island of Mauritius. The historical records at Bureau de recherches géologiques et minière (BRGM) show **five** other events that were felt in Mauritius between 1786 and 1925. The location of these historical events are not known due to lack of seismometers in the region. Fig. 1 shows the locations of the earthquakes provided by United States Geological Survey (USGS) between 1944 and 2019.

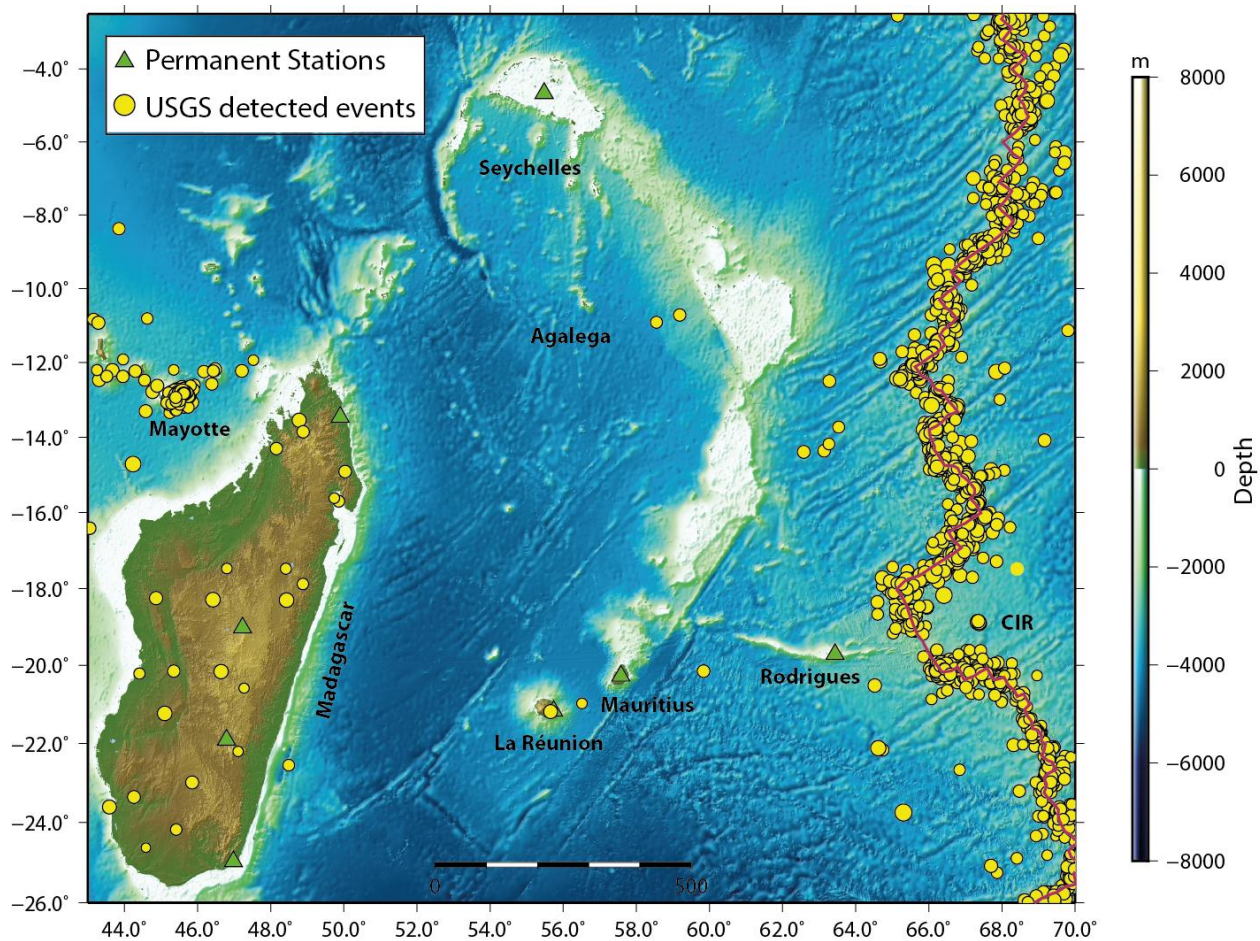


Figure 1. Permanent stations (green triangle) in the region from various global network. The red solid line denotes the Central Indian Ridge. Earthquake locations from USGS catalogue (1900-2019) are shown by yellow circles.