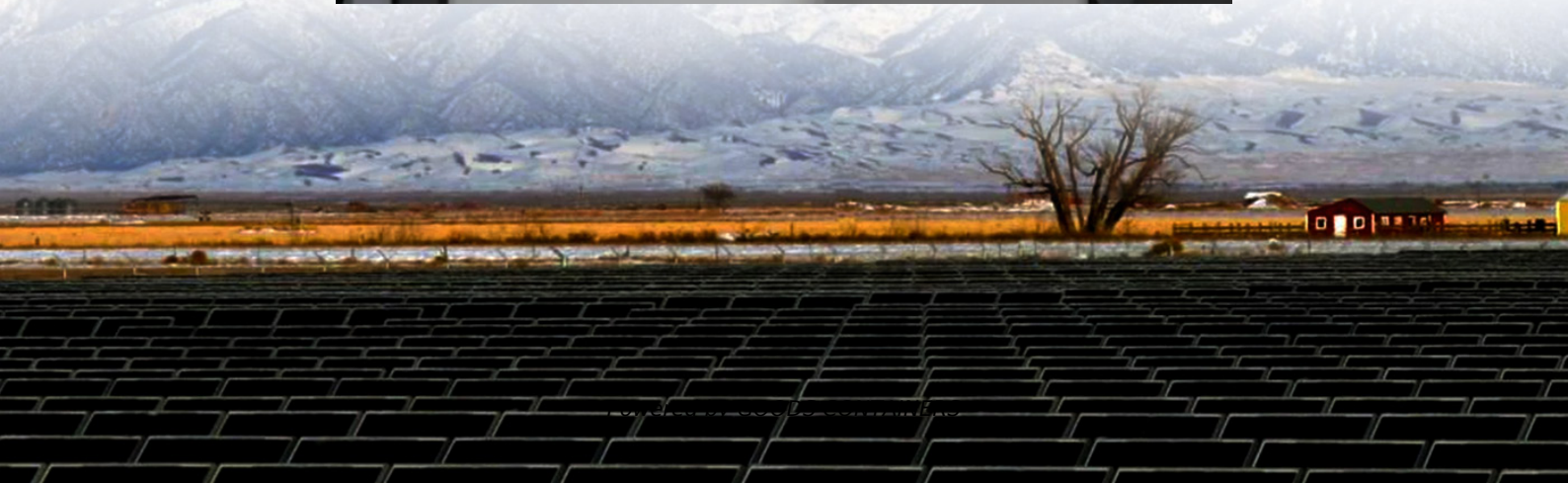


Papua New Guinea Photovoltaic Container Earthquake-Resistant Type





Overview

How is the earthquake hazard of Papua New Guinea determined?

By utilizing available data and the use of improved methods, the earthquake hazard of Papua New Guinea (PNG) was determined. Based on the Cornell method, the results of this work will form the basis for the replacement of the existing outdated hazard maps.

What is the earthquake hazard in PNG?

The earthquake hazard in PNG is being determined, with the seismotectonic model having been developed and seismicity in source zones quantified. Most earthquakes in the PNG region occur along tectonic plate boundaries and along zones of plate deformation where stress has built up.

What data is used for earthquake data in PNG?

Earthquake data for the PNG region from the International Seismological Centre (ISC) bulletin and from the Port Moresby Geophysical Observatory (PMGO) were utilized. The data include comprehensive earthquake hypocenter and intensity databases, as well as a collection of accelerograms recorded on medium or soft foundation.

How will earthquake monitoring work in PNG?

updating PNG's earthquake monitoring system by integrating the ShakeMap tool. This will allow emergency managers to receive an automated system-generated alert, near-real-time maps of ground shaking intensity, and a report of the earthquake event and its predicted impact on local communities, housing and infrastructure.



Papua New Guinea Photovoltaic Container Earthquake-Resistant Ty



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