

## Geologic slice maps of offshore areas around Japanese archipelago

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We have produced geologic slice maps of offshore areas around Japanese archipelago.

The objective of the study is to understand the distribution of different lithofacies beneath ocean floor around Japan. The maps cover the entire shoreline of Japan and are based on existing geological literatures. There are five layers, each 250 meters below one another, to the depth of 1000m below sea level. The extent of the maps are determined by considering the strikes and dips of the submarine faults that are shown on the submarine geologic cross sections we have referred.

The offshore areas will become more important to civil engineering in the near future. The maps similar to what we have constructed will be highly useful in making the geologic probe in the offshore areas more effectively.