

## Image region segmentation for lunar geological mapping

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Lunar geologic map is made by defined geological units and their boundaries.

In case of the moon and other bodies, a geological map is made with the remote sensing data.

Image region segmentation which is a method to divide an image into several regions is used to define boundaries among geological units.

The purpose of this study is to examine basic characteristics of typical procedures for region segmentation at applying then to Kaguya's lunar images.