

## Development of Nusawere tombolo on south coast of Ciamis District West Java Province

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### Abstrak

The objective of this research is to study the development of the Nusawere tombolo. It is situated at the Citanduy river mouth and within a bay, which was formerly a separate island from the mainland Central Java. The primary data used in this study consist of seawater dynamic while the secondary data includes the rate of sediment transport. The result of this study indicated that the geomorphological processes that working on the land and in the ocean was closely related. It happened through the geological time where such processes in the hinterland strongly effect the ocean environment. Continuously, sediment transport carried by Citanduy river into the Indian Ocean through Nusawere bay which is relatively low wave breaker and low wave, current energy tends to promote sedimentation process taking place in the bay.