

Study of Public Lands Compensation in Capacity and Existence of Abrasion and Accretion (Case Study: Northern Coast Region, Indramayu, West Java)

Bambang Edhi Leksono, Nanin Trianawati Sugito, Andri Rapik Ahmadi, Levana Apriani, Muhammad Ihsan, Agung Budi Harto and Wiwin Windupranata (Indonesia)

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SUMMARY

Rate of abrasion and sedimentation in area of Java Northern Coast (Indramayu) relatively quickly has changed the pattern of land tenure in that region. The significant differences have been occurred in the region which is affected by abrasion and sedimentation.

The using of high resolution satellite images with different periods of time helps knowing abrasion and accretion areas in Northern Coast Region West Java through high - resolution image interpretation in certain periods of time. After known the area which is affected by abrasion and accretion, abrasion and sedimentation, part of accretion, rate can be calculated. With knowing rate of abrasion and sedimentation, the areas which will be lost and get sedimentation, can be predicted. The area which is affected by sedimentation can be used by public for land effectively and residential.

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