

## Perubahan mangrove di wilayah pesisir Indramayu

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### Abstrak

Di Kabupaten Indramayu sendiri, besarnya perubahan habitat mangrove cukup mengkhawatirkan. Dengan data digital Landsat tahun 1989, 2002, dan 2010, dilakukan penelitian untuk melihat perubahan luasan dan jenis mangrove yang terjadi di Indramayu selama kurun waktu 21 tahun tersebut. Penelitian ini dilakukan dengan metode terbimbing (supervised). Penelitian menunjukkan hampir semua degradasi hutan mangrove yang terjadi di Kabupaten ini disebabkan oleh peralihan fungsi menjadi tambak. Perubahan hutan mangrove di kabupaten Indramayu ini terjadi di lima kecamatan, antara lain kecamatan Cantigi, Indramayu, Kandanghaur, Losarang, dan Sindang. Penelitian ini juga berusaha menganalisis peralihan fungsi tersebut dengan produksi perikanan di lima kecamatan tersebut.

.....In the Regency of Indramayu, the conversion magnitude of Mangrove habitat is of concern. Based on the Landsat Image taken in year 1989, 2002, and 2010, a research has been conducted to study these changes in respect of the area and type of Mangrove in Indramayu in the 21 years period. The research was conducted by using the Supervised Method. The result of the research shows that almost all of the Mangrove degradation in the Regency is caused by the conversion of Mangrove to Fishery. In more details, the Mangrove conversion in Indramayu takes place in five districts of Cantigi, Indramayu, Kandanghaur, Losarang, and Sindang. The research is also performed in an effort to study the connection of the Mangrove conversion in regard to the fishery industry in those 5 districts of Indramayu.