

ABSTRACT

THE CHANGES IN WIDE OF MANGROVE FOREST FROM 1994-2014 THROUGH INTERPRETATION LANDSAT SATELLITE IMAGES OF PADANG CERMIN DISTRICT PESAWARAN REGENCY

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The purpose of this research is to find out mangrove forest area changes from 1994 until 2014. The method that used in this research is visual interpretation time-series data of Landsat satellite images in 1994, 2001, and 2014. This satellite images data is used to monitor mangrove forest area changes in the coastal area of Padang Cermin District Pesawaran Regency. The result of this research show that from 1994 until 2001 mangrove forest area has been decreased around 166,97 ha, While from 2001 until 2014 mangrove forest area has been decreased around 14,75 ha. The total changes of mangrove forest area of Padang Cermin District in 1994 until 2014, mangrove forest area has been decreased around 181,72 ha.

Keyword: landsat, mangrove forest, padang cermin distric