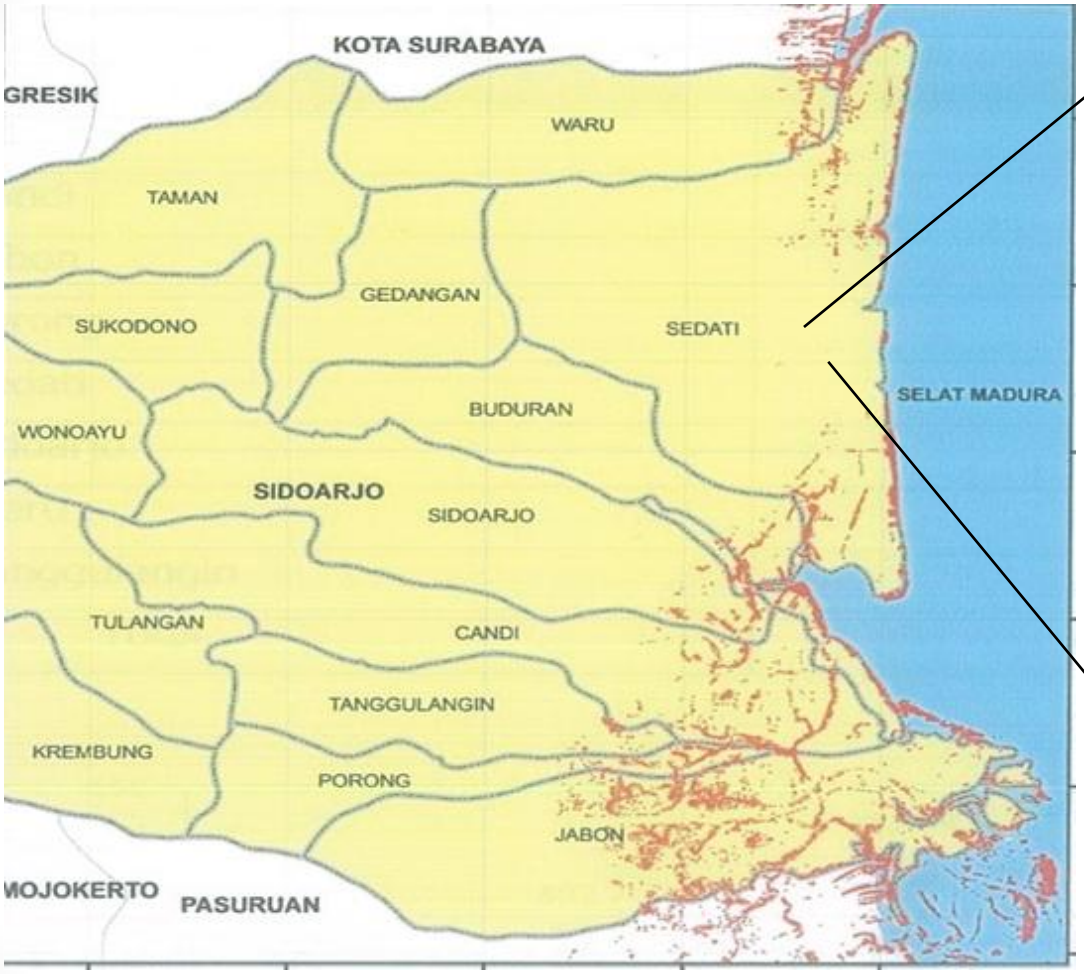
Kajian Dampak Dari Konversi Hutan Mangrove Di Kawasan Pesisir Sedati Kecamatan Sedati Kabupaten Sidoarjo



Rumusan Masalah :

- **Pengaruh Konversi terhadap luasan Mangrove ?**
- **Kondisi Tingkat kerapatan akibat konversi ?**
- **Faktor apa saja yang mnyebabkan konversi ?**

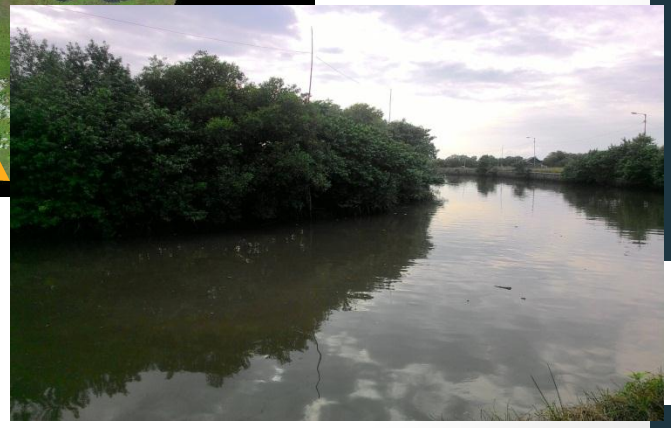
Tujuan :

- **teridentifikasinya Luasan**
- **Teridentifikasinya tingkat kerapatan**
- **Teridentifikasinya faktor" konversi**

Letak Analisa Hutan Mangrove di Kecamatan Sedati

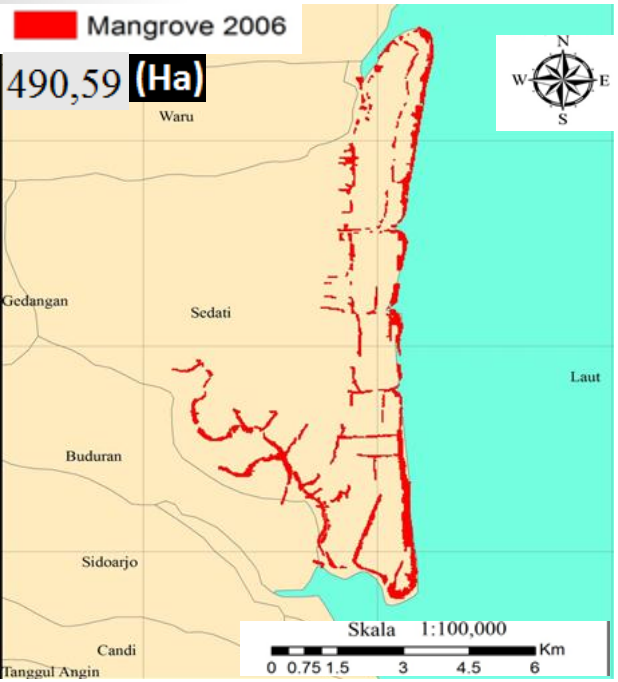
Segoro Tambak

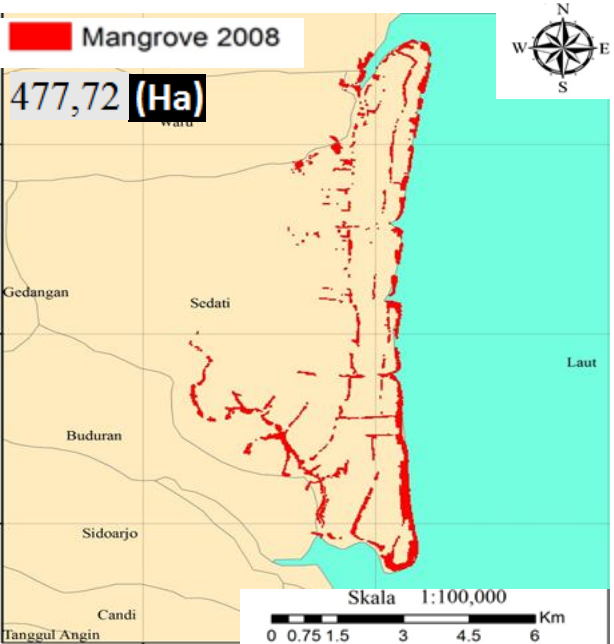
Banjar Kemuning

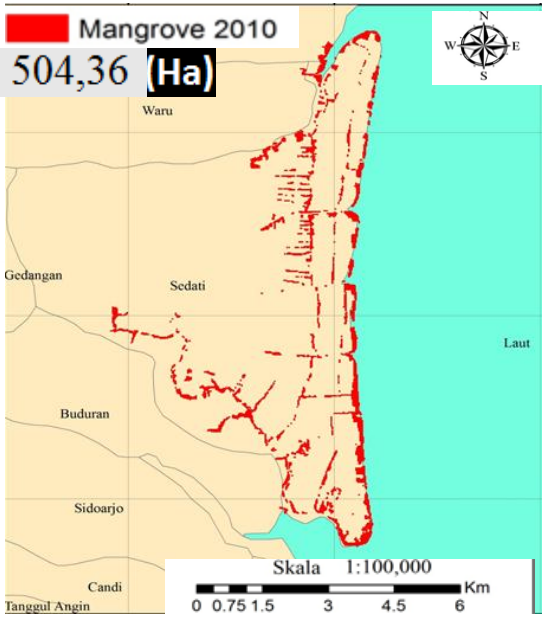


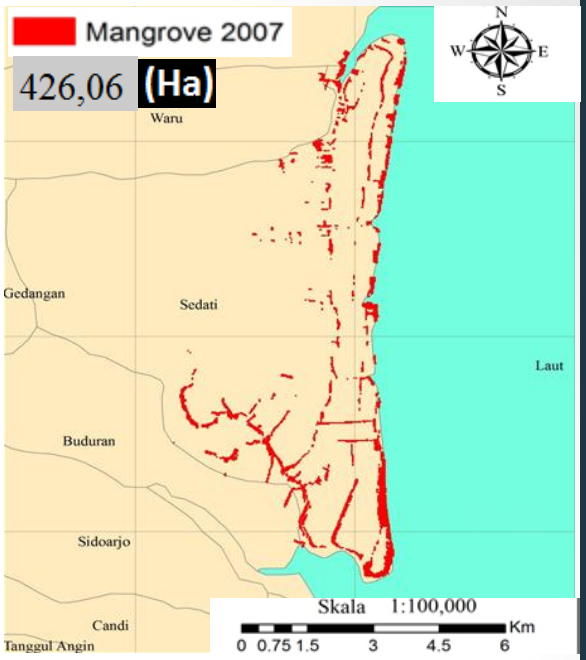
Tambak Cemandi

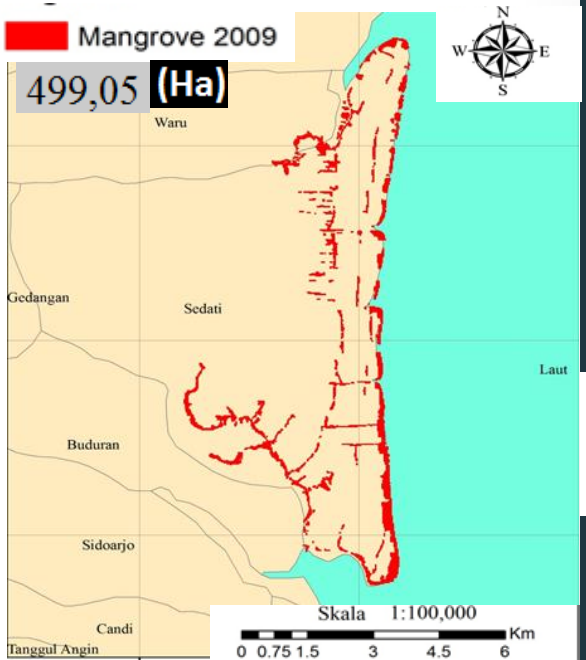
Hasil Analisa Luasan Hutan Mangrove Tahu 2006-2010



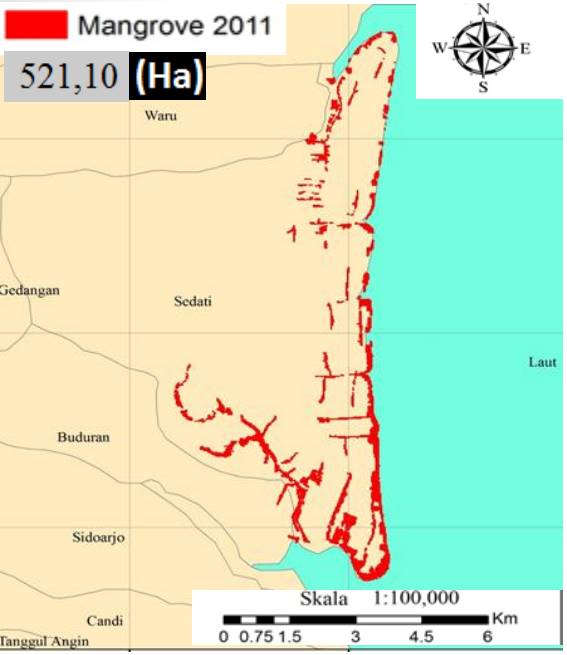


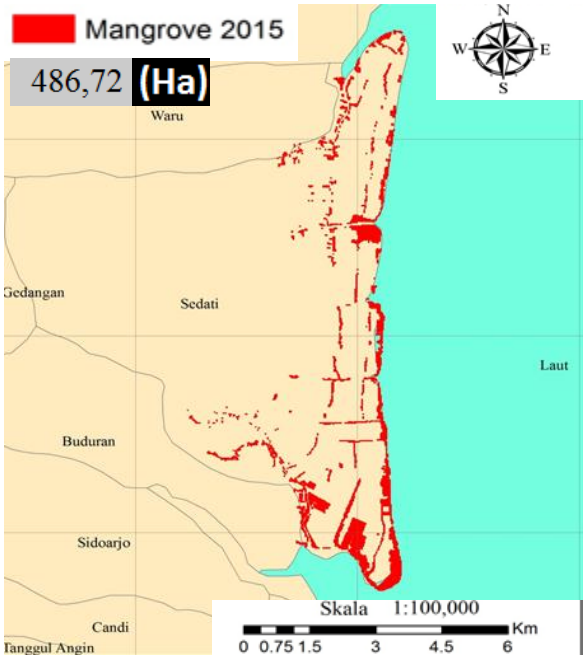


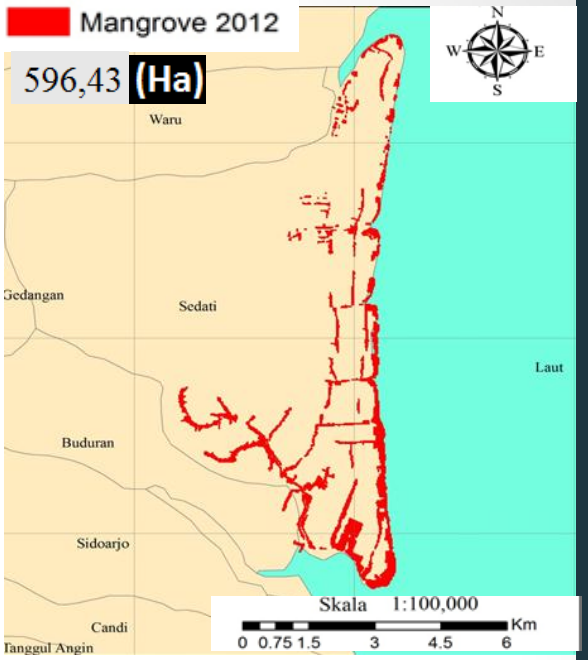


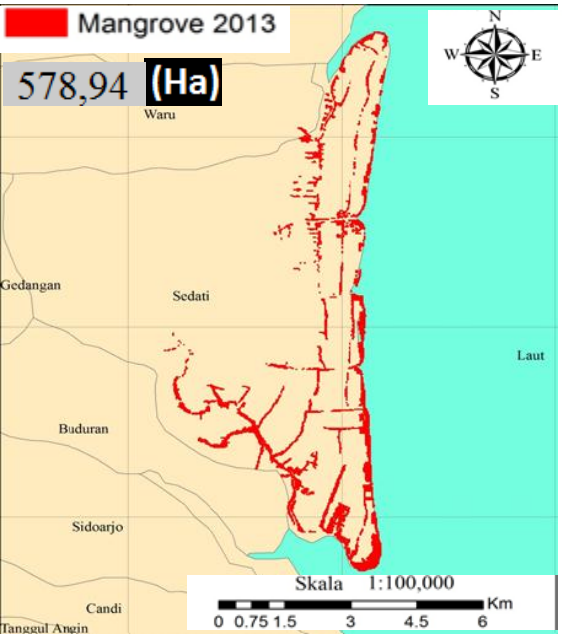


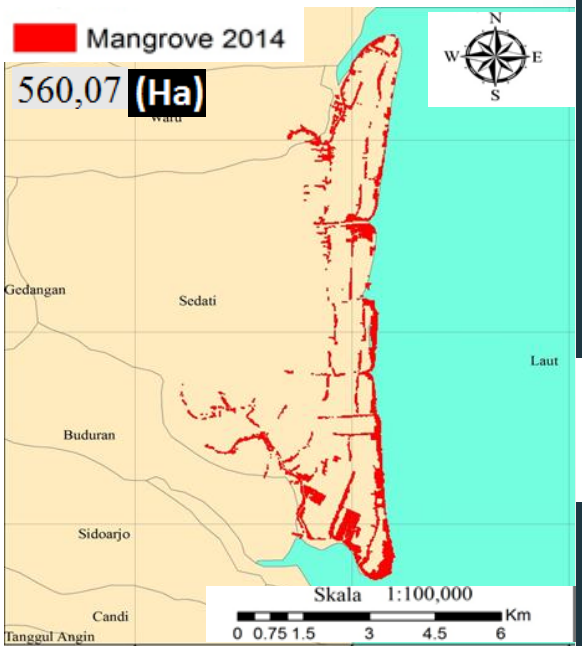
Hasil Analisa Luasan Hutan Mangrove Tahun 2011-2015



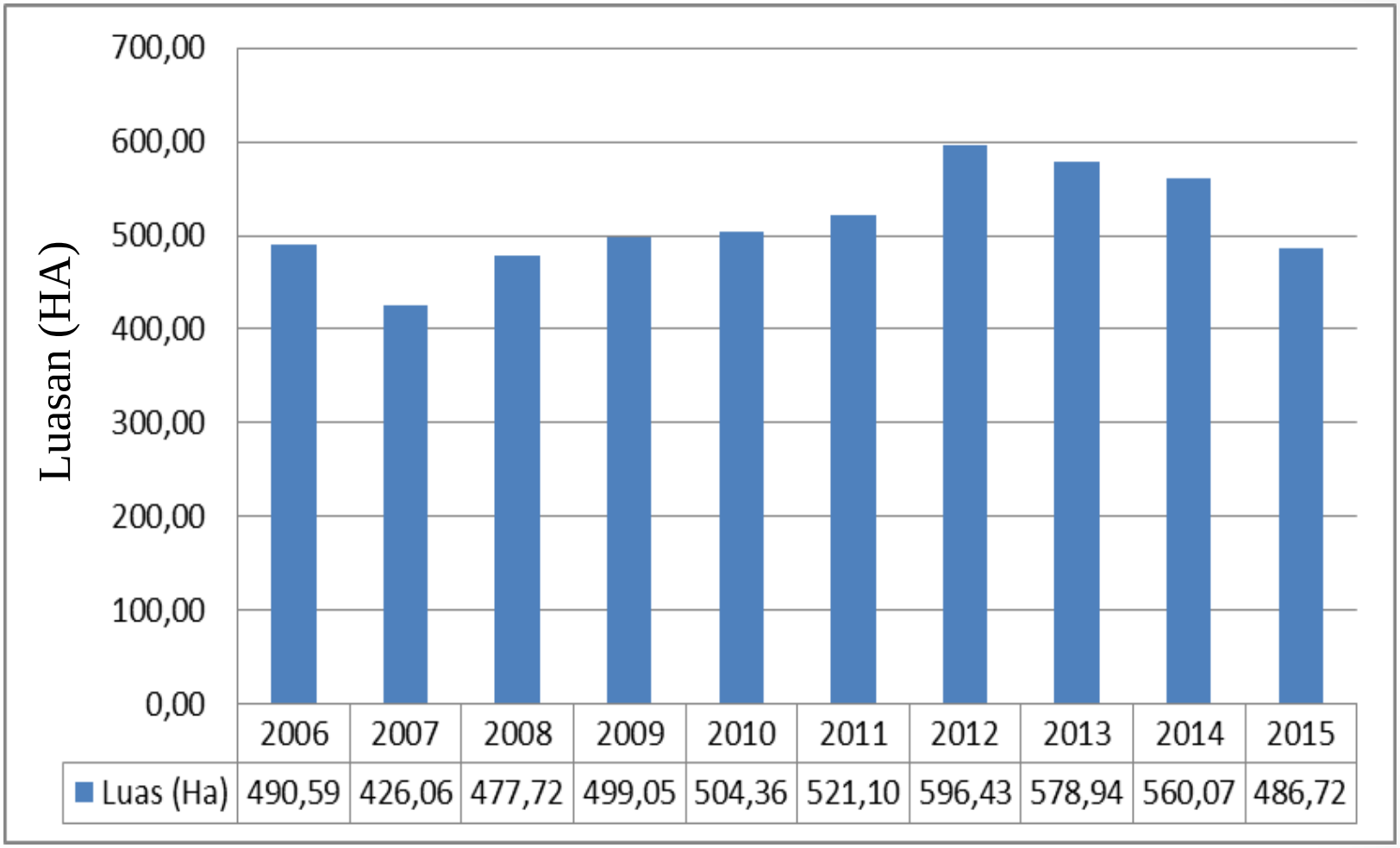








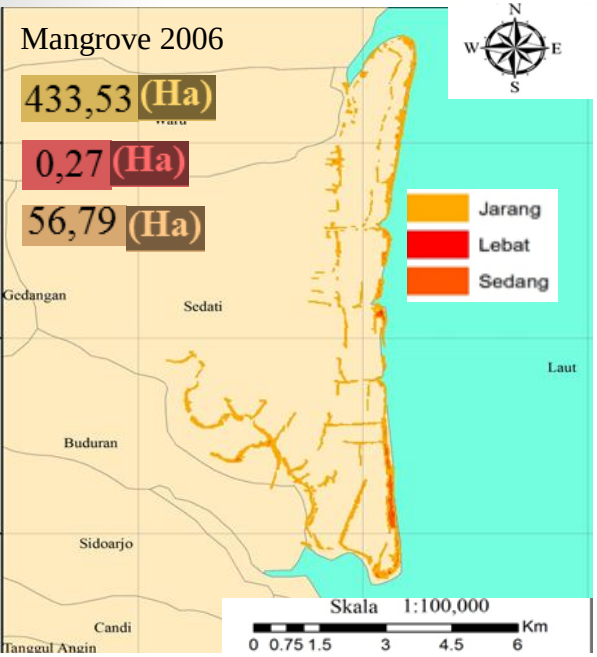
Analisa Statistik Luasan Hutan Mangrove

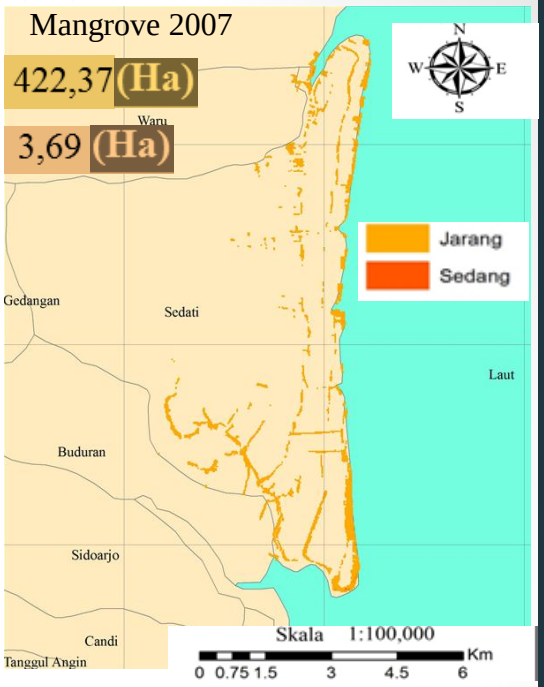


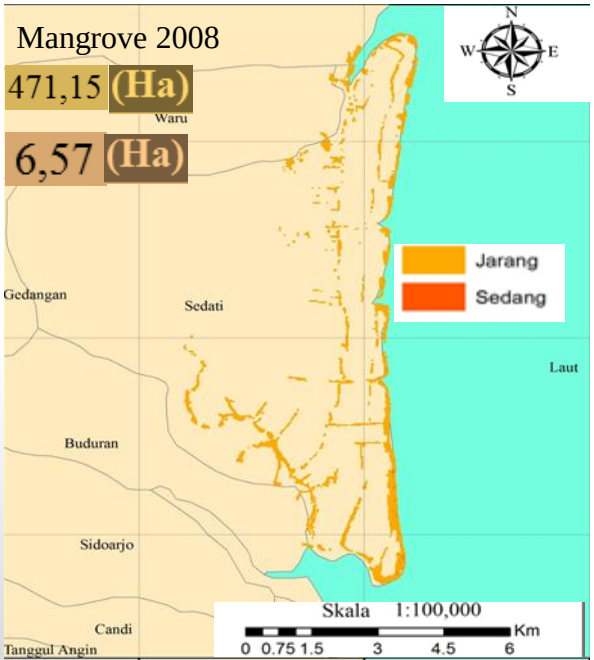
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Luas (Ha)	490,59	426,06	477,72	499,05	504,36	521,10	596,43	578,94	560,07	486,72

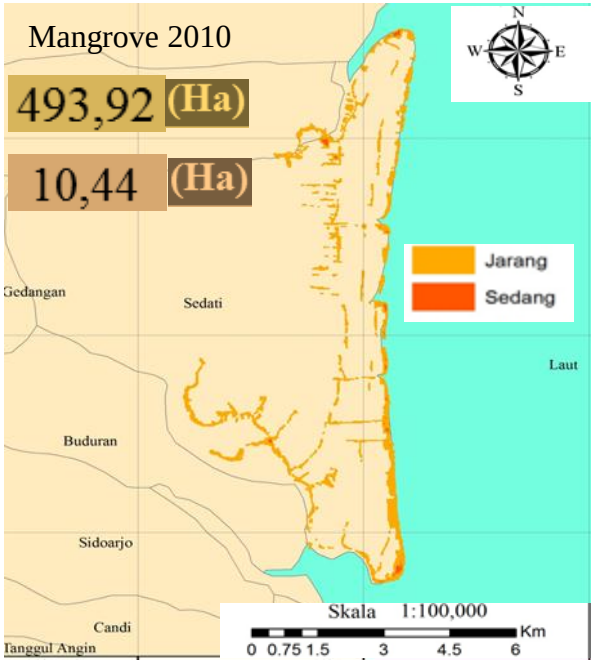
Hasil Diagram Batang Luasan Hutan Mangrove 2005-2015
Sumber : Penulis, 2016

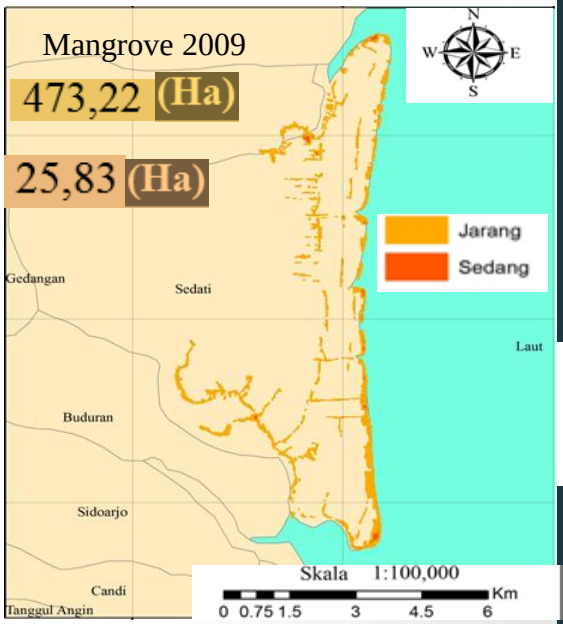
Hasil Analisa Tingkat Kerapatan Hutan Mangrove Tahun 2006-2010



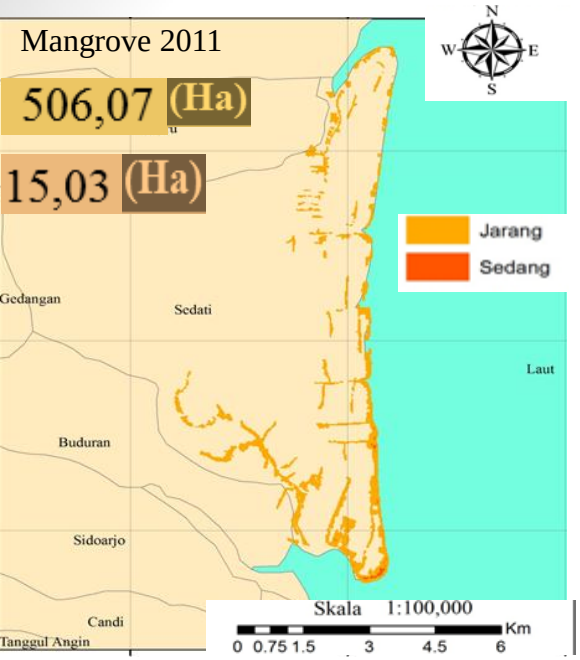


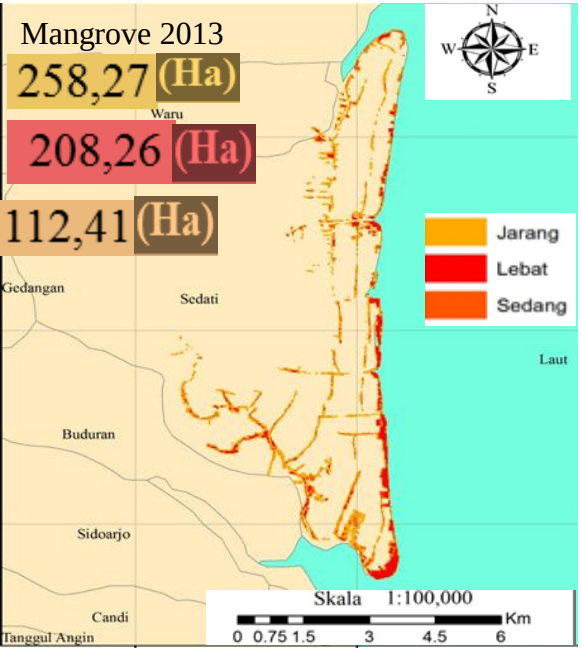


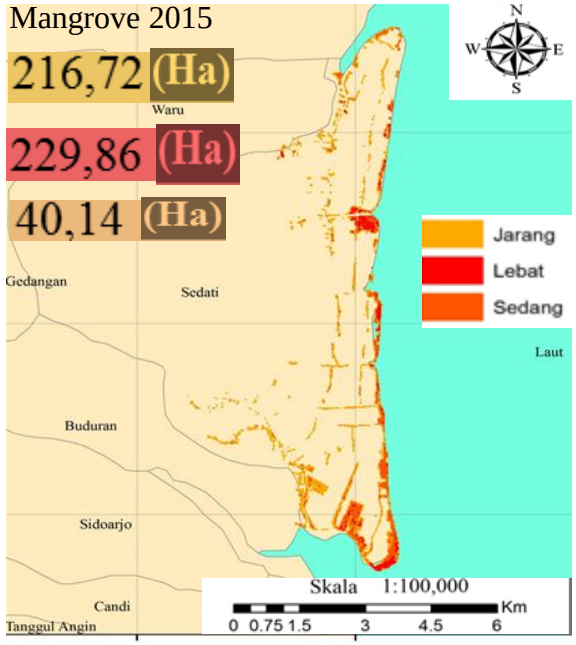


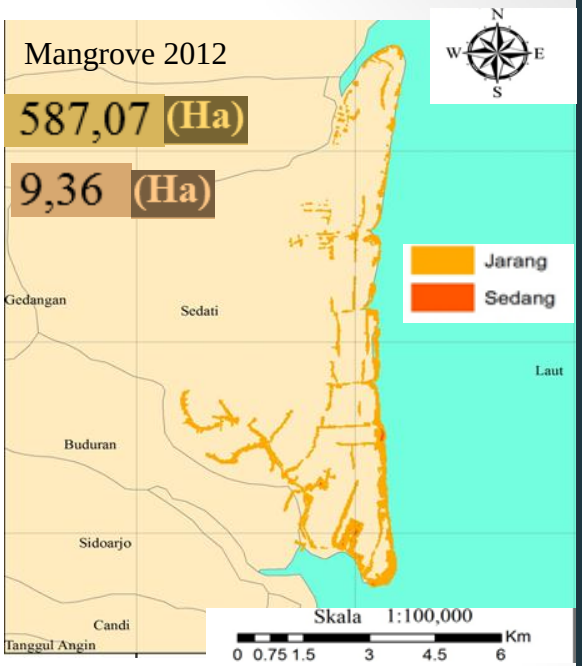


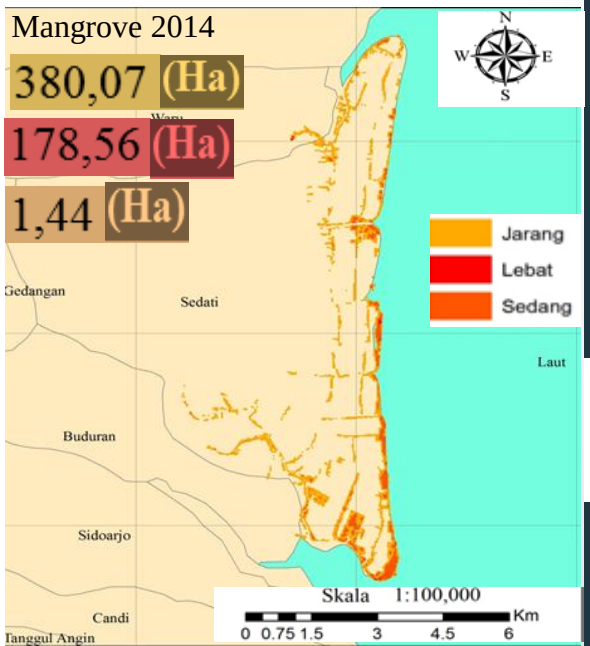
Hasil Analisa Tingkat Kerapatan Hutan Mangrove Tahun 2011-2015



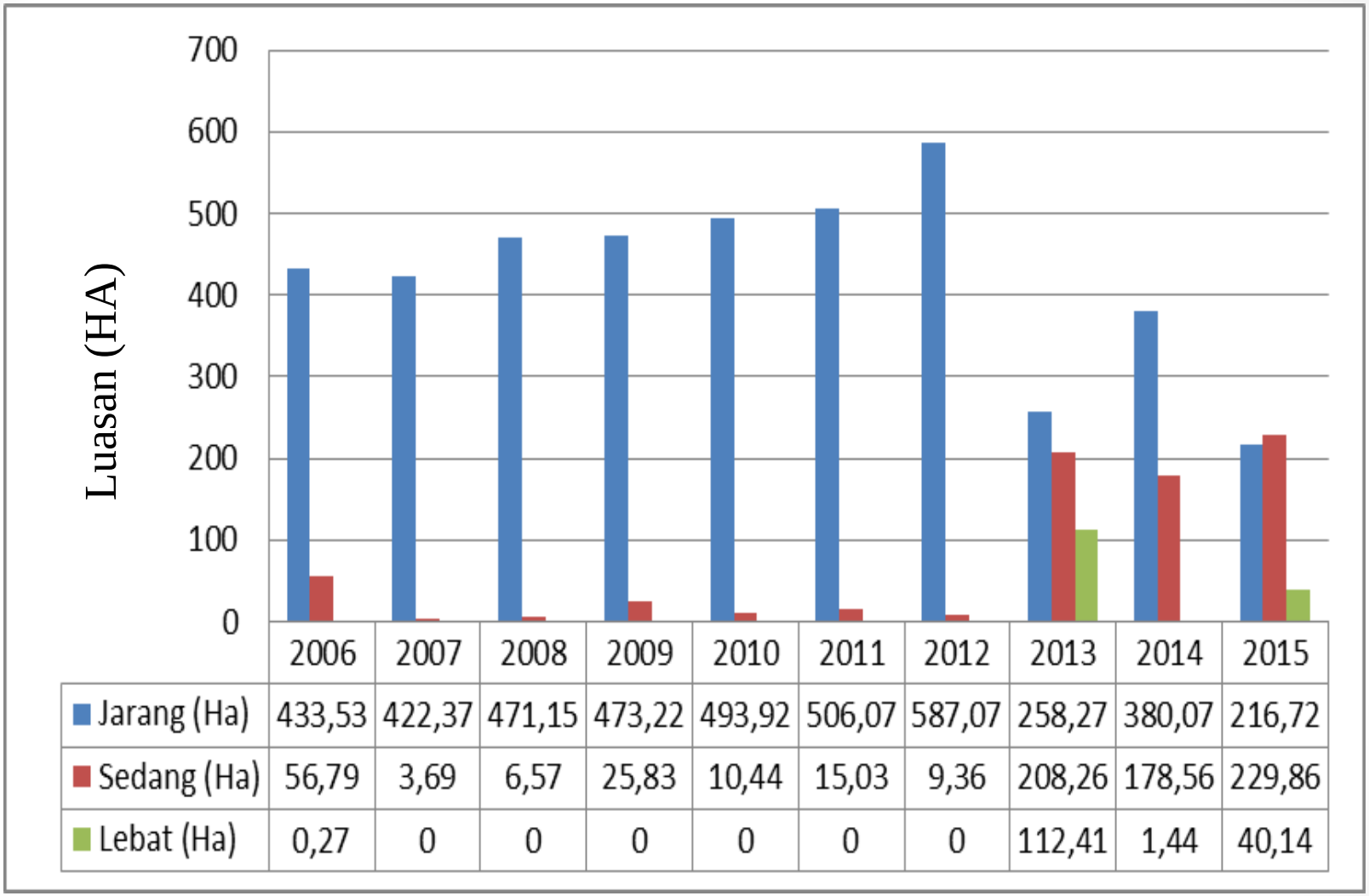








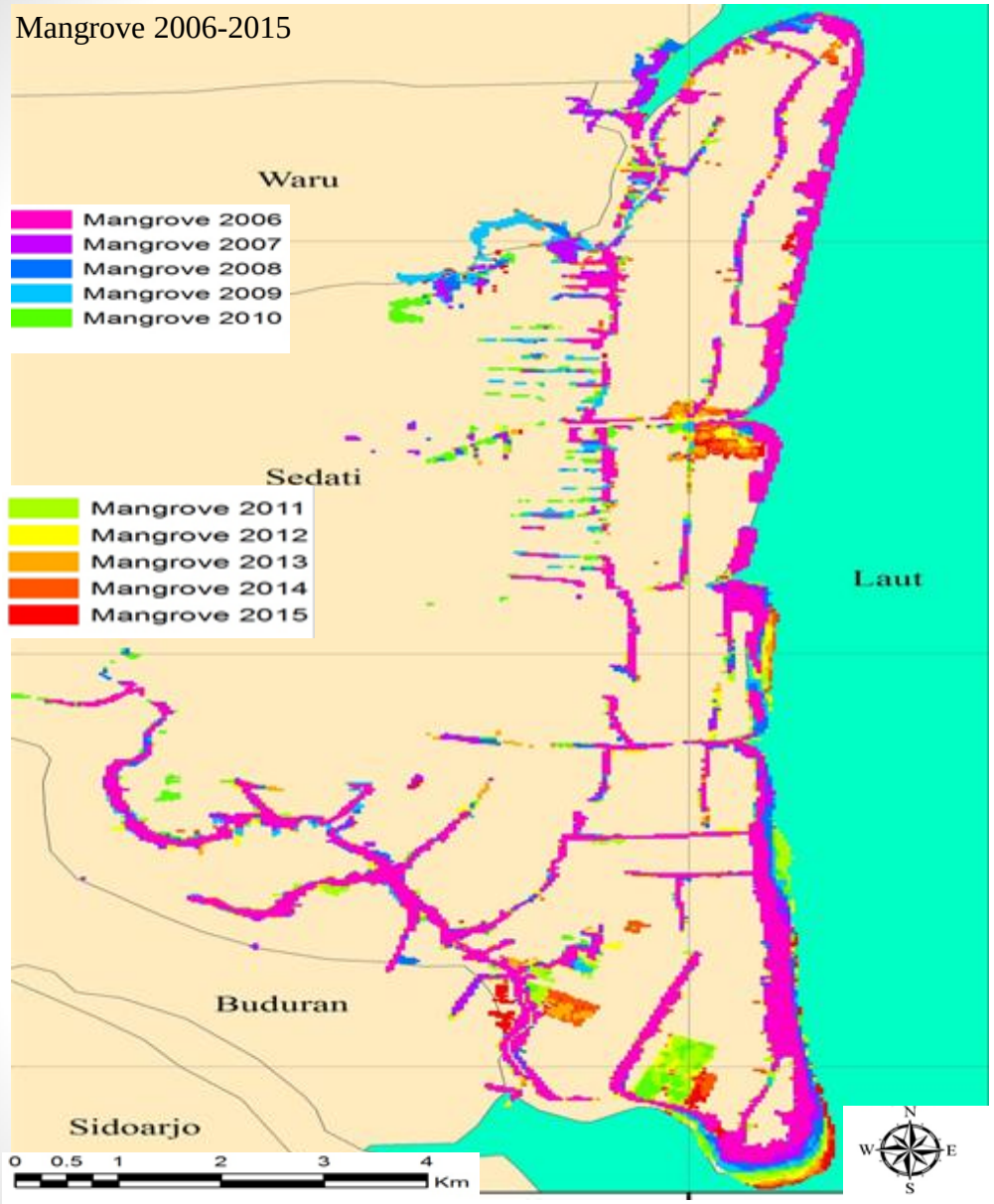
Analisa Statistik Tingkat Kerapatan Hutan Mangrove

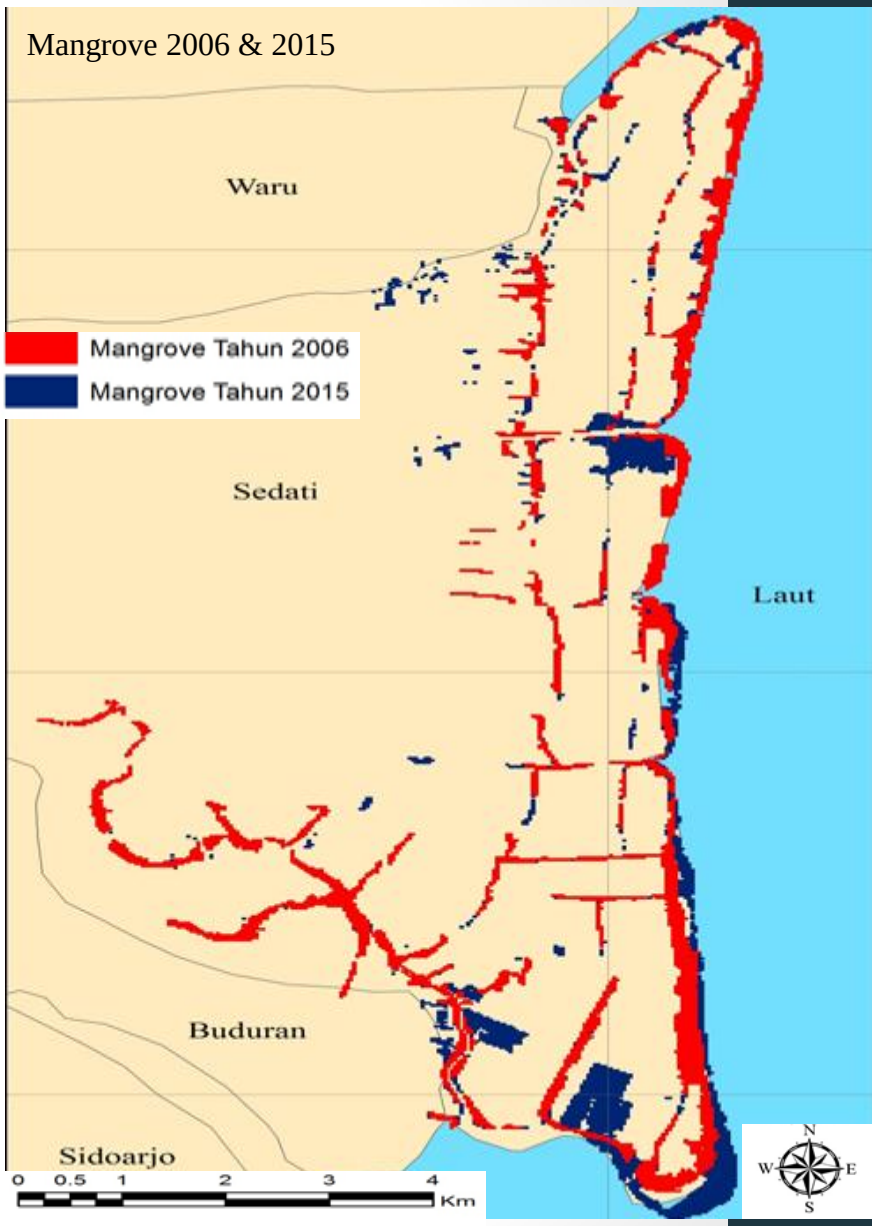


	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Jarang (Ha)	433,53	422,37	471,15	473,22	493,92	506,07	587,07	258,27	380,07	216,72
Sedang (Ha)	56,79	3,69	6,57	25,83	10,44	15,03	9,36	208,26	178,56	229,86
Lebat (Ha)	0,27	0	0	0	0	0	0	112,41	1,44	40,14

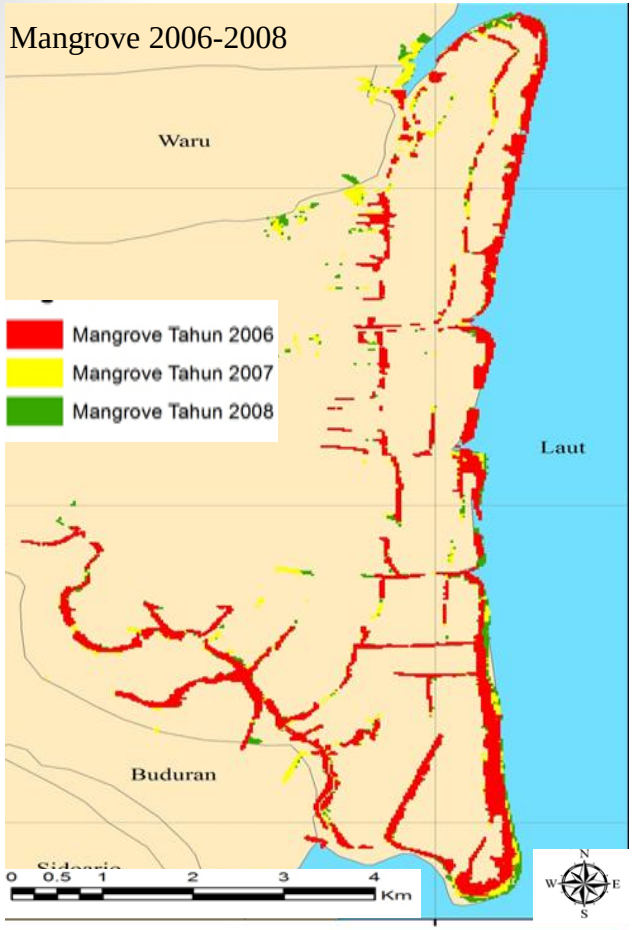
Hasil Diagram Batang Tingkat KerapatanHutan Mangrove
2005-2015
Sumber : Penulis, 2016

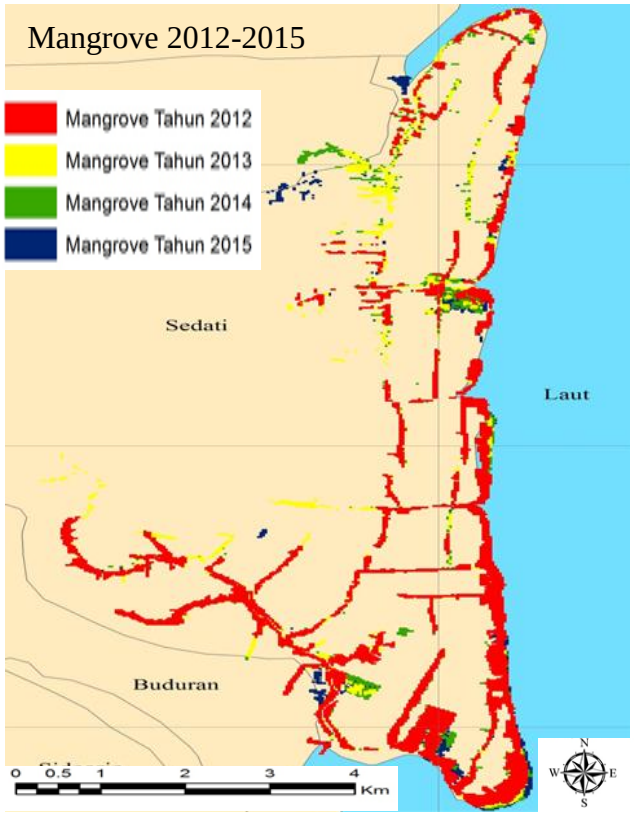
Hasil Analisa OVERLAY Luasan Hutan Mangrove

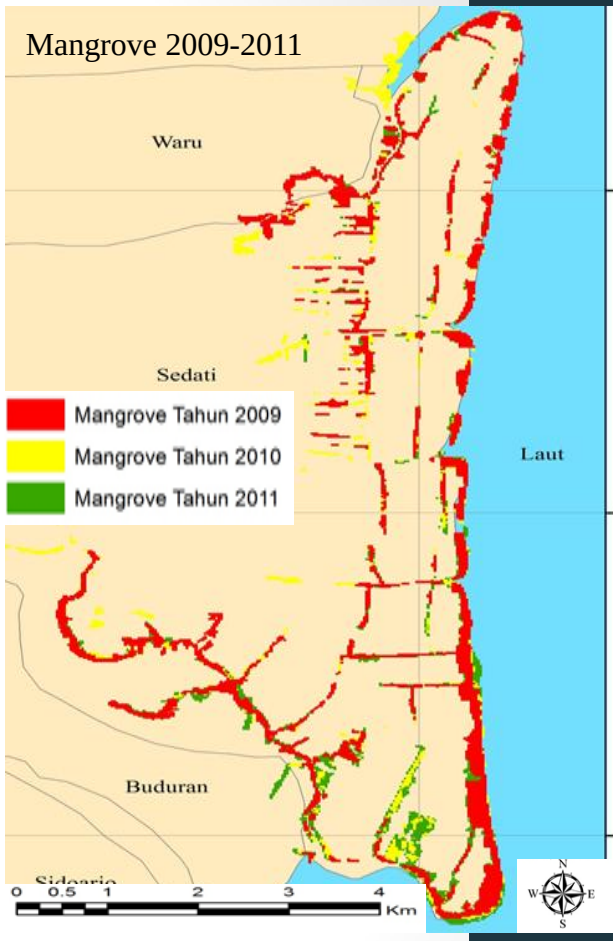




Hasil Analisa OVERLAY Luasan Hutan Mangrove

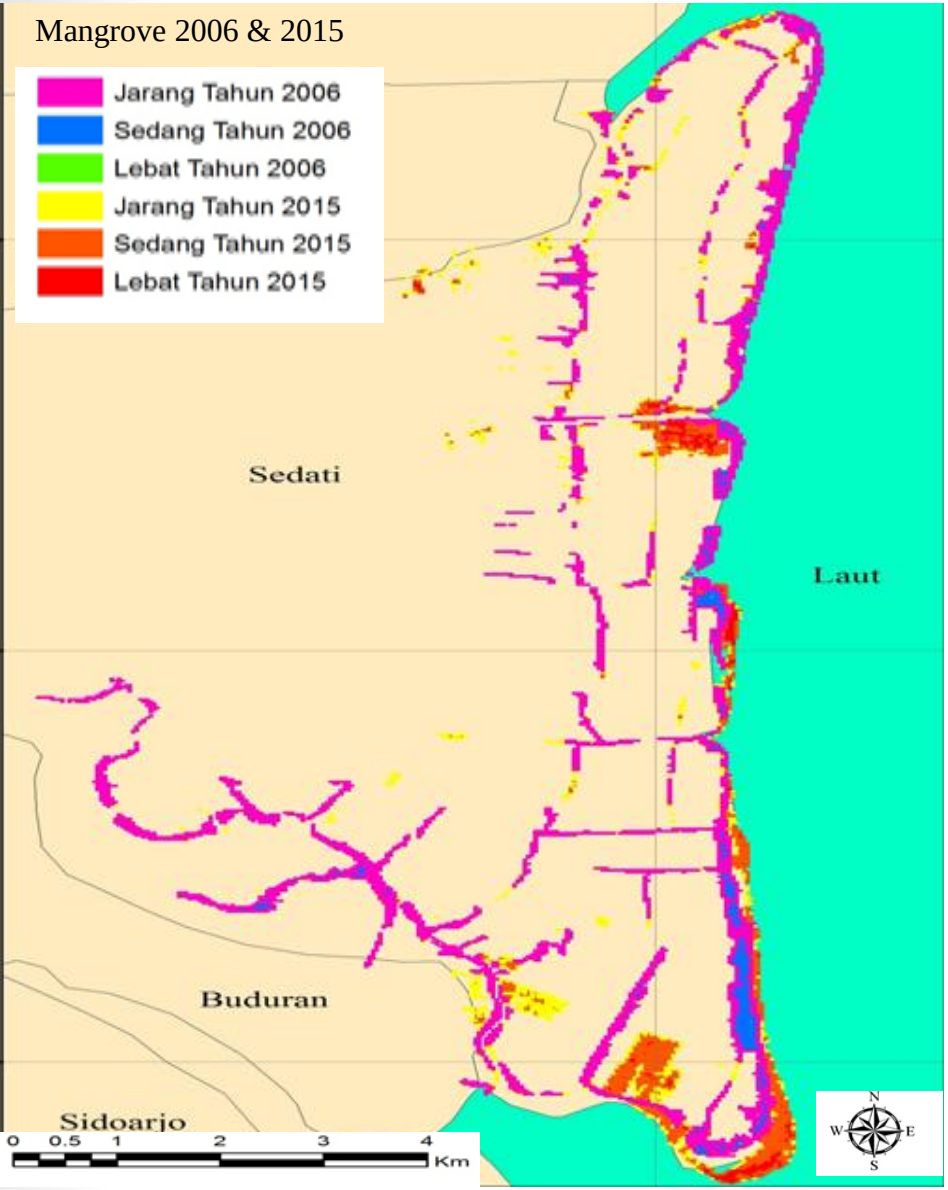




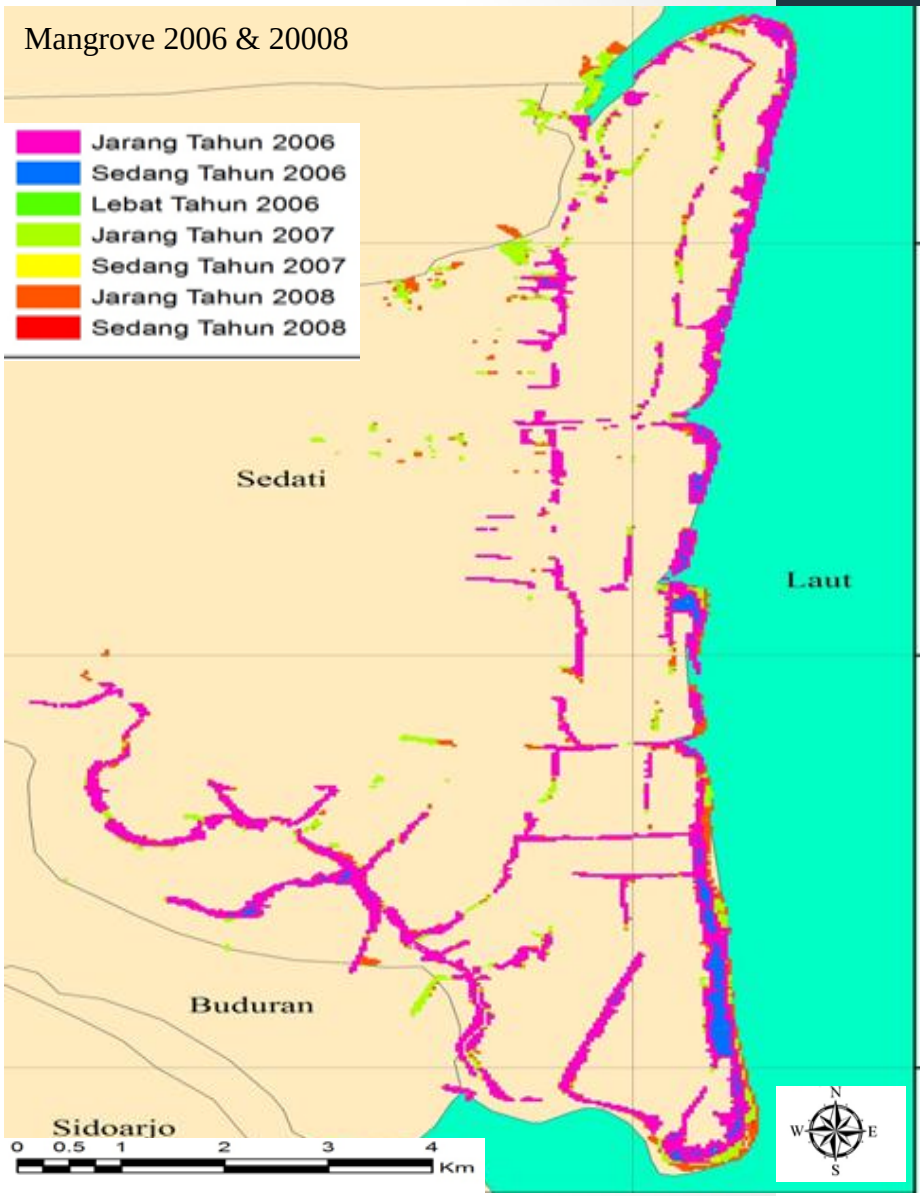


Hasil Analisa OVERLAY Tingkat Kerapatan Hutan Mangrove

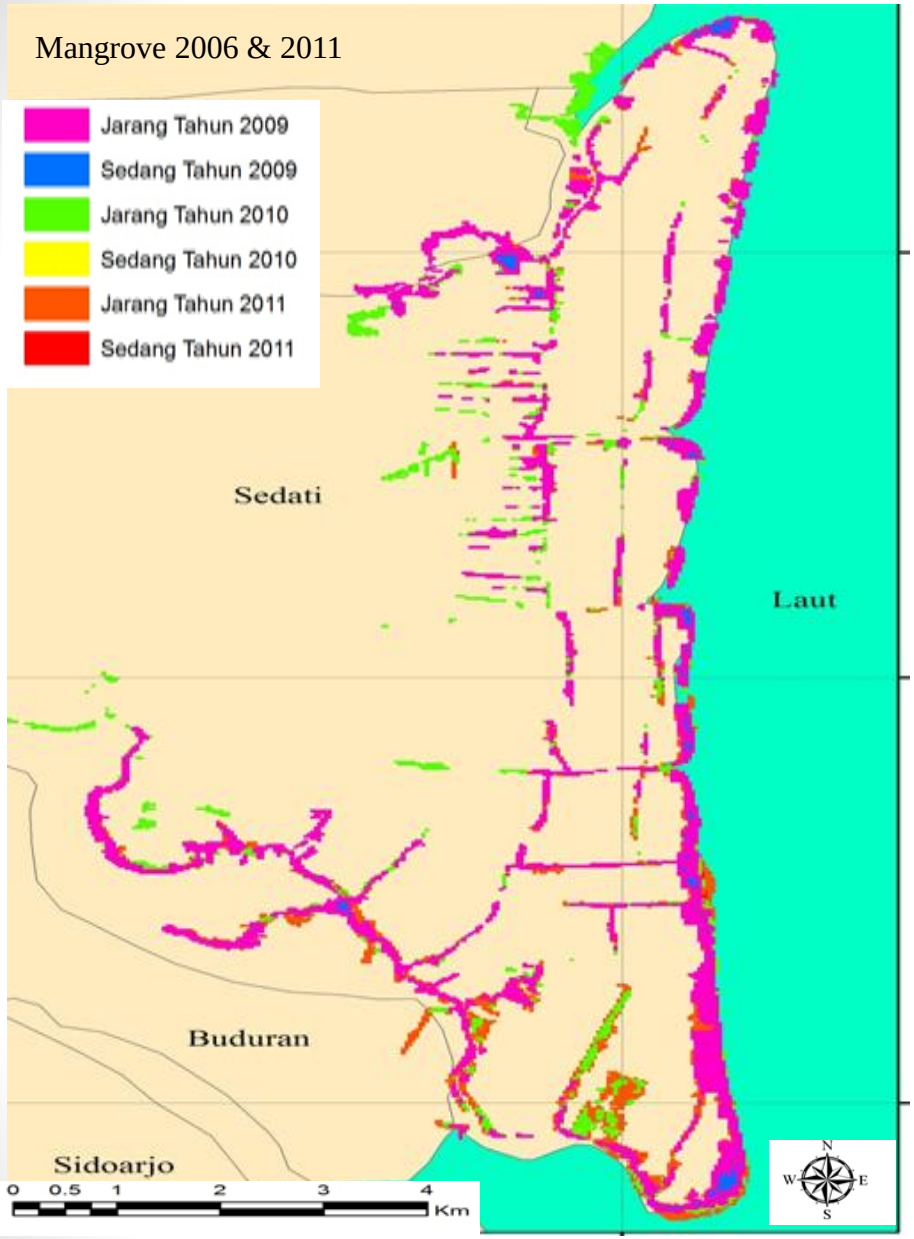
Mangrove 2006 & 2015

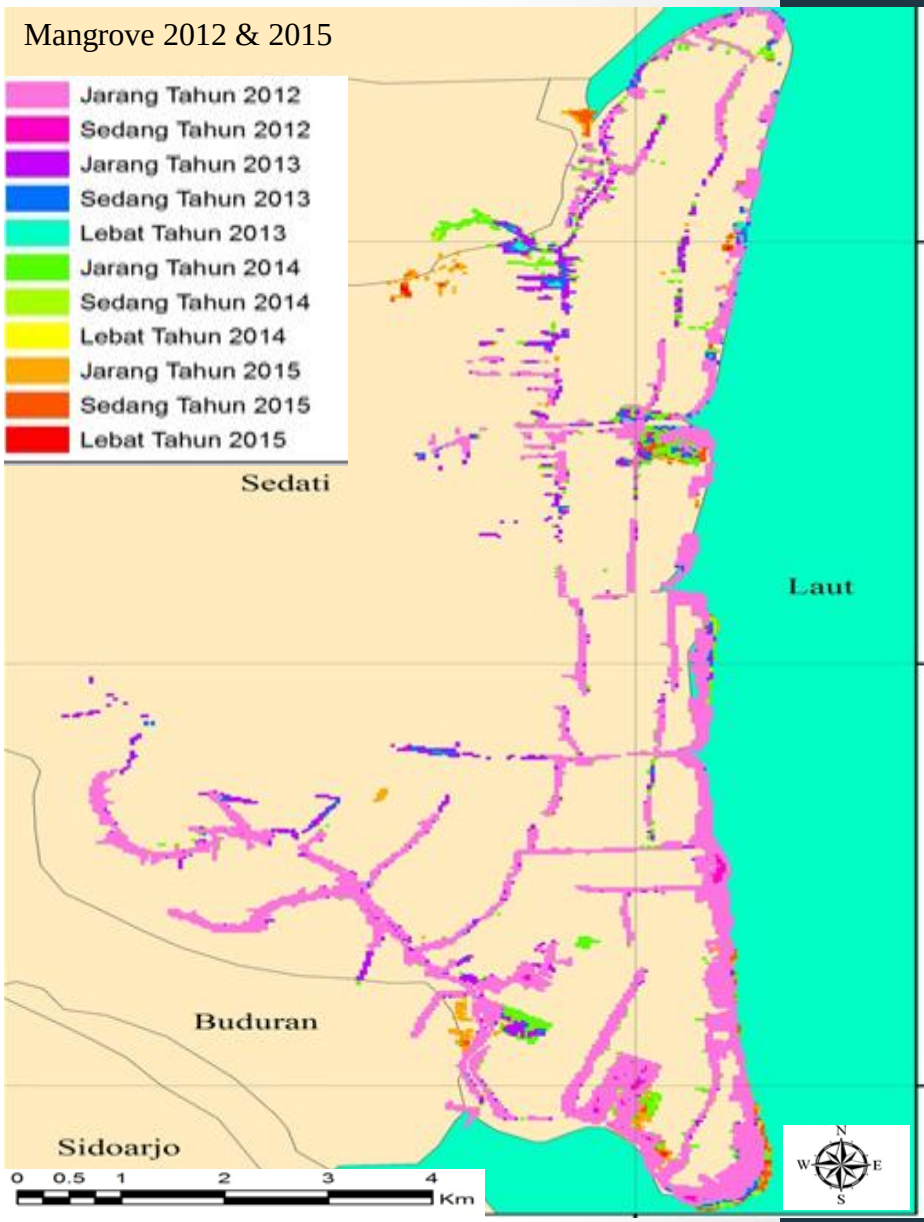


Mangrove 2006 & 20008



Hasil Analisa OVERLAY Tingkat Kerapatan Hutan Mangrove

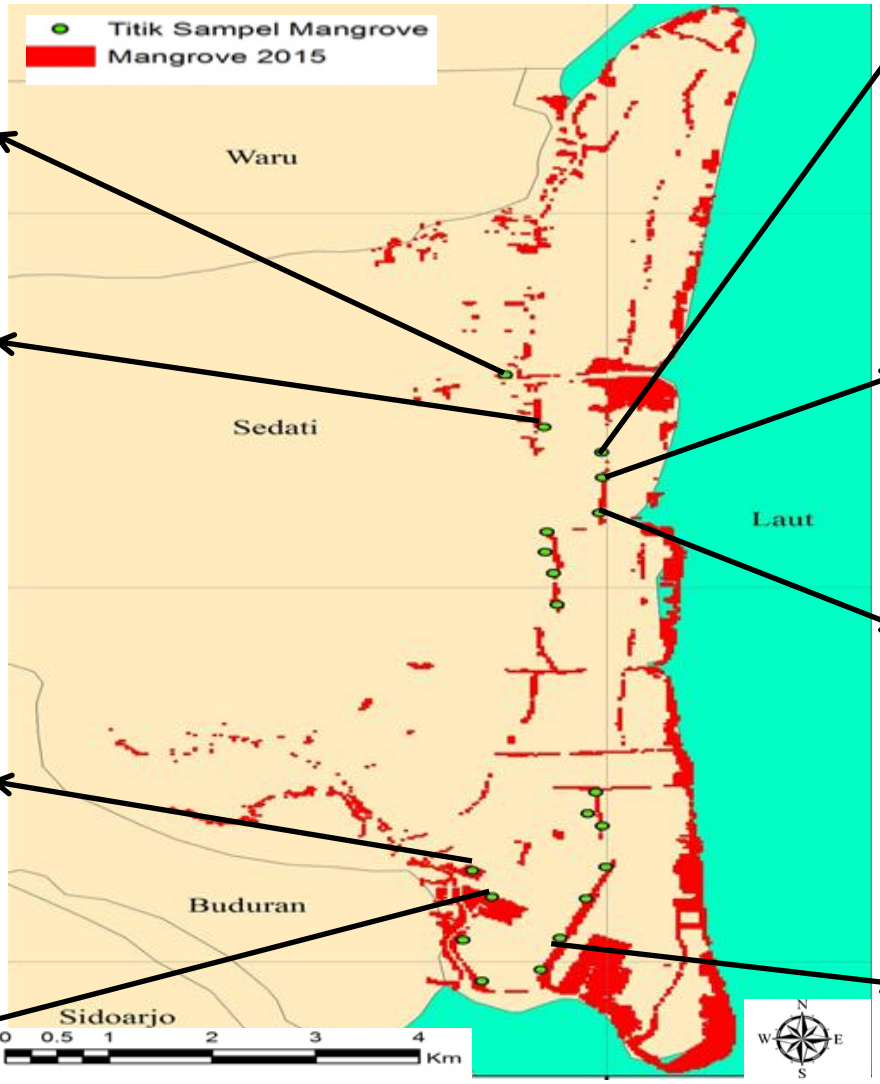




Interpretasi Liputan Mangrove

No	Easting (X)	Northing (Y)	Code_Name	Lapangan	Citra	Desa
1	700755	9175465	Mgr_01	✓	✓	SEGORO TAMBAK
2	700935	9175045	Mgr_02	✓	✓	SEGORO TAMBAK
3	700665	9174355	Mgr_03	✓	✓	SEGORO TAMBAK
4	700845	9173695	Mgr_04	✓	✓	SEGORO TAMBAK
5	701385	9173875	Mgr_05	✓	✓	SEGORO TAMBAK
6	701565	9174385	Mgr_06	✓	✓	SEGORO TAMBAK
7	701805	9175015	Mgr_07	✓	✓	SEGORO TAMBAK
8	701985	9175525	Mgr_08	✓	✓	SEGORO TAMBAK
9	701824	9176381	Mgr_09	✓	x	SEGORO TAMBAK
10	701955	9176185	Mgr_10	✓	✓	SEGORO TAMBAK
11	701895	9176725	Mgr_11	✓	✓	TAMBAK CEMANDI
12	701535	9179725	Mgr_12	✓	✓	TAMBAK CEMANDI
13	701427	9180568	Mgr_13	✓	x	TAMBAK CEMANDI
14	701505	9180235	Mgr_14	✓	✓	TAMBAK CEMANDI
15	701445	918089	Mgr_15	✓	✓	TAMBAK CEMANDI
16	701925	9181195	Mgr_16	✓	✓	BANJAR KEMUNING
17	701949	9182169	Mgr_17	✓	x	BANJAR KEMUNING
18	701955	9181765	Mgr_18	✓	✓	BANJAR KEMUNING
19	701415	9182575	Mgr_19	✓	✓	BANJAR KEMUNING
20	701055	9183415	Mgr_20	✓	✓	BANJAR KEMUNING

Peta Titik Sample tahun 2015



KESIMPULAN :

- Teridentifikasinya Luasan Hutan Mangrove di kawasan Sedati selama 10 tahun dengan luasan :

➢ Luasan Terbersar pada tahun 2012 : 596,43 (Ha)

➢ Luasan Terkecil pada tahun 2006 : 426,06 (Ha)

- Teridentifikasinya Tingkat Kerapatan Hutan Mangrovedi kawasan Sedati selama 10 tahun dengan Tingkat Kerapatan :

➢ Tingkat Kerapatan Terbesar (Jarang) : 587,07 (Ha), 2012

➢ Tingkat Kerapatan Terbesar (Sedang) : 229,86 (Ha), 2015

➢ Tingkat Kerapatan Terbesar (Lebat) : 112,41 (Ha), 2012

- Salah satu faktor yg mnyebabkan Konversi di Sedati sehingga berkurangnya Mangrove :

➢ Mata Pencaharian penduduk sebagai Nelayan

➢ Petani Tambak

➢ Tempat Pariwisata (Kolam Pancing)

KESIMPULAN & SARAN

Untuk menjadi masukan atau kritikan penulis membuat saran sebagai berikut :

- Diperlukan studi lebih lanjut lagi terkait managemen pantai yang sesuai di wilayah pesisir Kecamatan Sedati Kabupaten Sidoarjo, untuk menciptakan kawasan yang asri dengan Hutan Mangrove yang harus bertambah jumlahnya bukan semakin berkurang.
- Perlu adanya penelitian lebih lanjut oleh dinas instansi terkait mengenai kawasan yang dapat dijadikan sebuah objek wisata tanpa merusak lingkungan kawasan tersebut

Terima Kasih