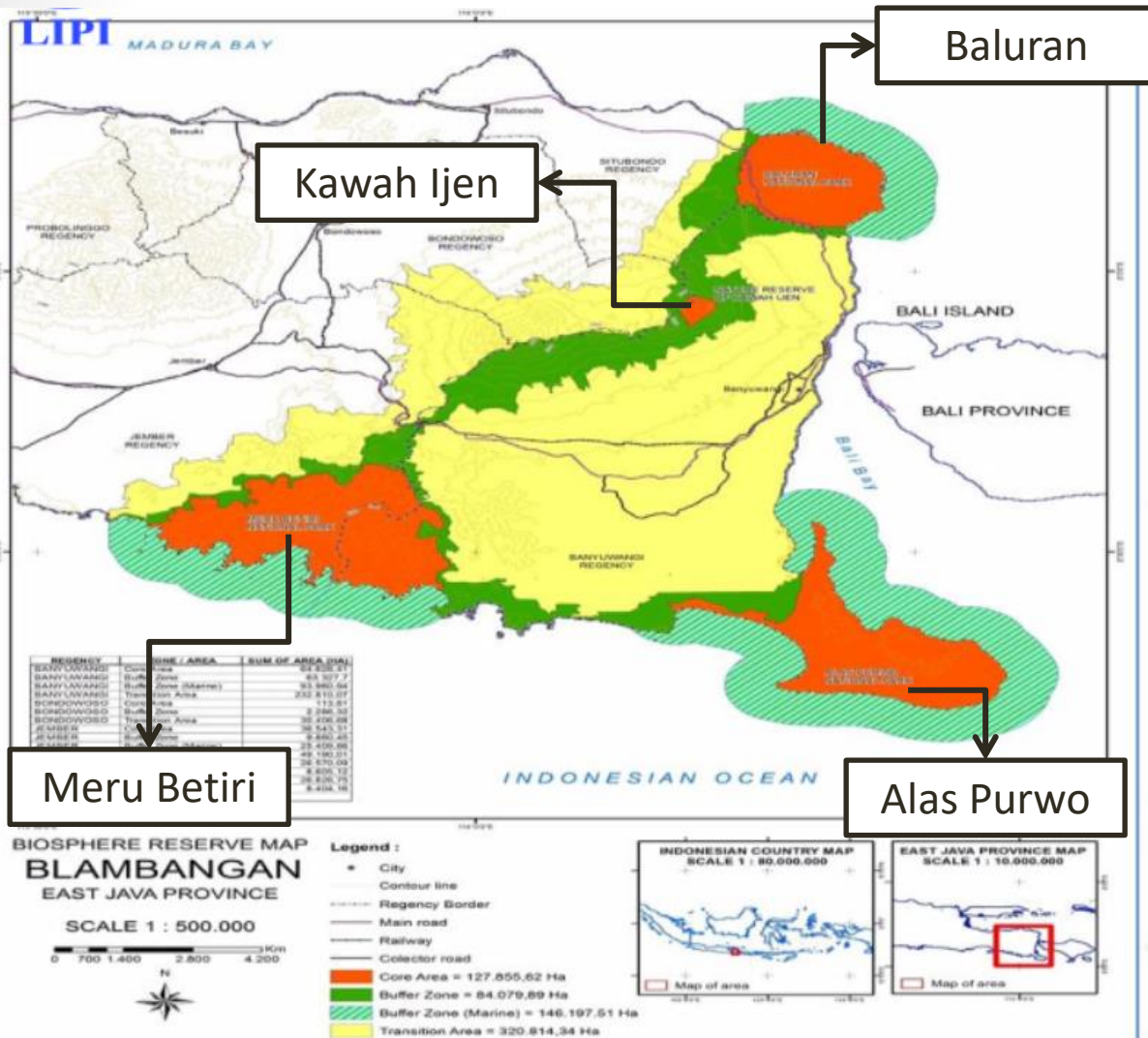




**BLAMBANGAN
BIOSPHERE RESERVE**

Cagar Biosfer Blambangan



MAN AND THE BIOSPHERE PROGRAMME

By decision of the
International Co-ordinating Council
of the Programme on Man and the Biosphere,

Belambangan Indonesia

has been designated for inclusion
in the World Network of Biosphere Reserves.

The world's major ecosystem types and landscapes
are represented in this Network, which is devoted to conserving
biological diversity, promoting research and monitoring,
as well as seeking to provide models of sustainable
development in the service of humankind.

Participation in the World Network facilitates cooperation
and exchanges at the regional and international levels.

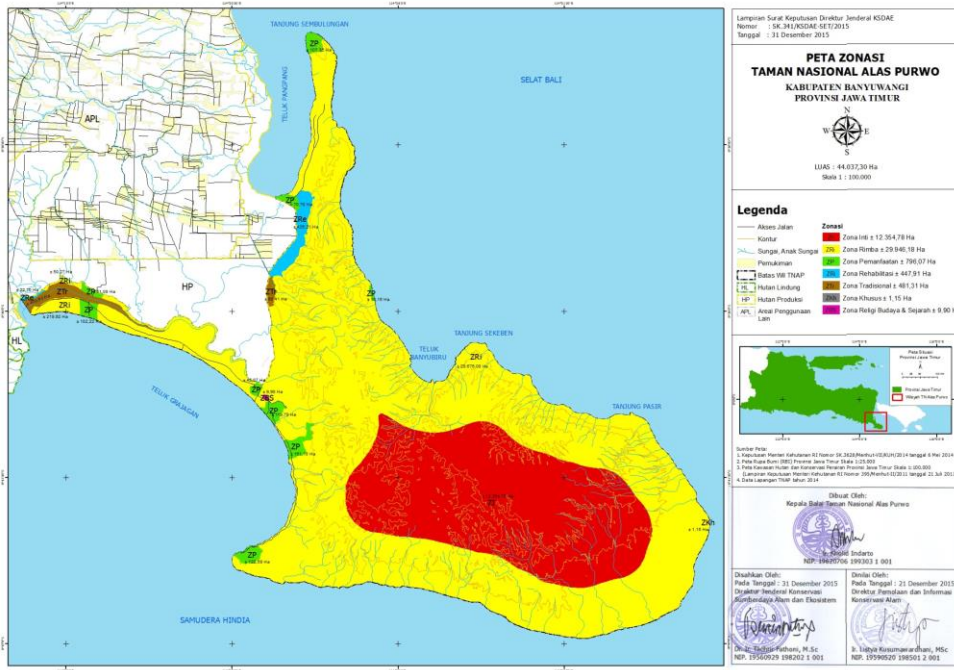
DATE OF INSCRIPTION

19 March 2016

DIRECTOR-GENERAL OF UNESCO

Irine BRAUN

ALAS PURWO NATIONAL PARK CORE ZONE BLAMBANGAN BIOSPHERE RESERVE



- Protection of life support system
- Preservation Biodiversity
- Sustainable utilization of biodiversity & Ecosystem



POTENSI

Tipe Ekosistem

- a. Hutan Pantai** a.l : Ketapang, Sawo kecil, waru laut keben dan nyamplung
- b. Hutan Mangrove** : ada 27 jenis, sebagian besar didominasi oleh *Rhizophora* spp. dan *Ceriops tagal*.
- c. Hutan Alam Dataran Rendah** a.l: Kepuh, bendo, beringin, bambu (10 jenis bambu)
- d. Hutan Tanaman** : eks Pengelolaan Perhutani didominasi jati dan mahoni.
- e. Savana semi alami** : dibuat pada tahun 1975, seluas 84 Ha, sebagai Padang Penggembalaan Satwa banteng di Blok Sadengan



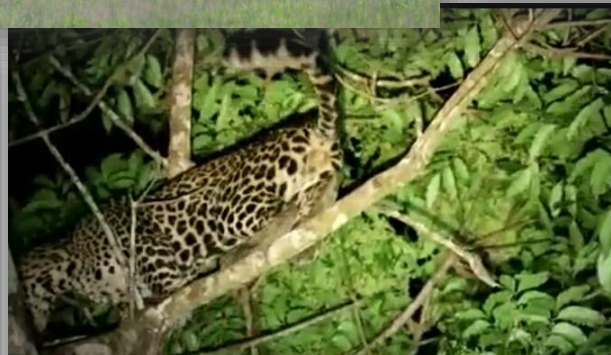
Flora

- ❖ Lebih dari 700 jenis tumbuhan meliputi > 200 jenis tanaman obat, 10 jenis bambu, 27 jenis mangrove.
- ❖ Flora dilindungi → *Livistoma rotundifolia* (Sadeng)
- ❖ Flora Penting → sawo kecil, nyamplung, sadeng, gebang, dan bendo, kepuh, *Ceriops decandra*, *Scyphiphora hydrophyllacea*



Fauna

- ❖ **45 jenis mamalia** → Dilindungi 11 jenis
(spesies prioritas : banteng, macan tutul)
- ❖ **302 jenis burung** → Dilindungi 83 jenis
(Spesies Prioritas : elang jawa, merak, jenis-jenis rangkong, burung migran)
- ❖ **51 jenis reptil** → Dilindungi 7 jenis
(Spesies prioritas : Penyu hijau, le kang, sisik dan belimbing)
- ❖ **17 jenis amfibi**
- ❖ **> 20 jenis ikan**



IOC/MAB Joint Initiative

An Integrated approach to coastal hazard and climate change in UNESCO Biosphere Reserves :
Saving lives, protecting biodiversity

- Pre-concept note for the climate change adaptation fund

Related Objectives

Component 1 : Strengthening national capacity to measure and monitor climate change, affecting climate change resilience in the selected Biosphere Reserves

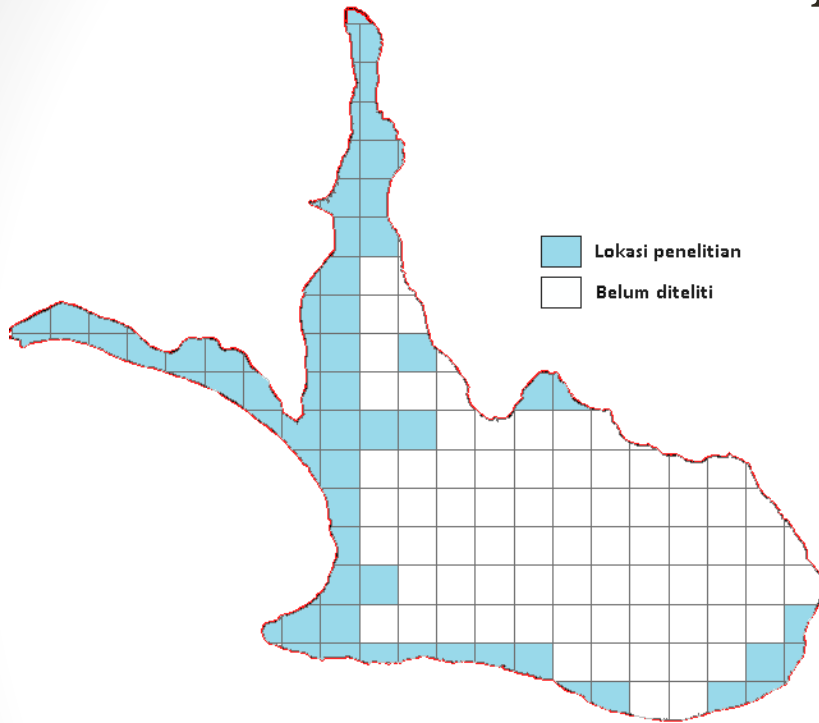
Output 1.2. Data, quantitative and qualitative information about marine/coastal life, incl biodiversity, degradation, related carbon stocks and fluxes in the selected biosphere reserves (activities 1.2.1 to 1.2.3

Output 1.3. Data and Information obtained within the project are freely available

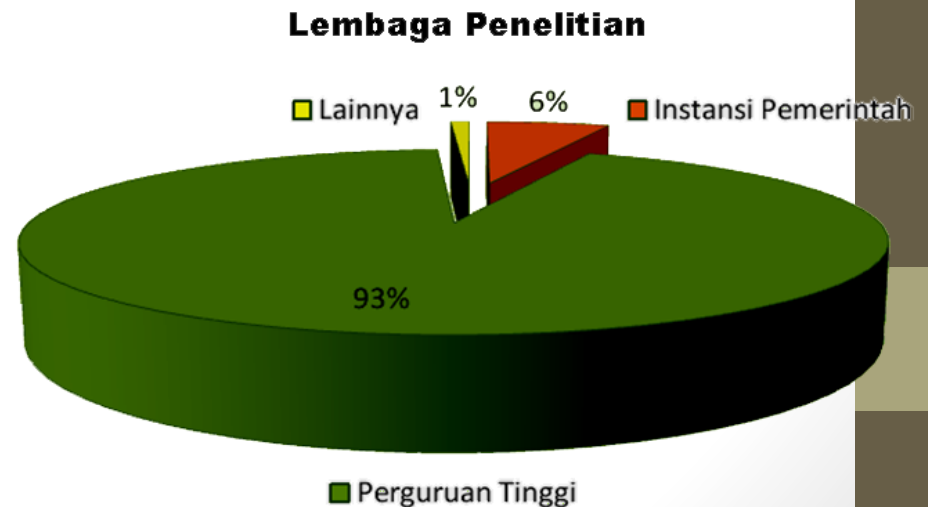
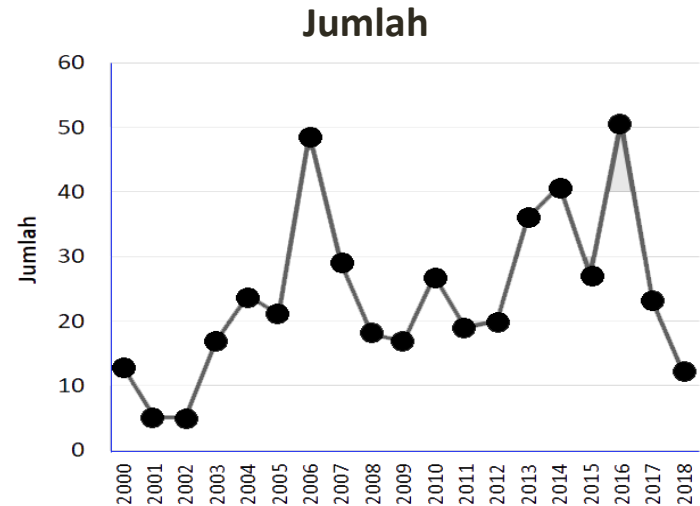
Pengenmbang
an Wildlife
Research
Station
Sadengan



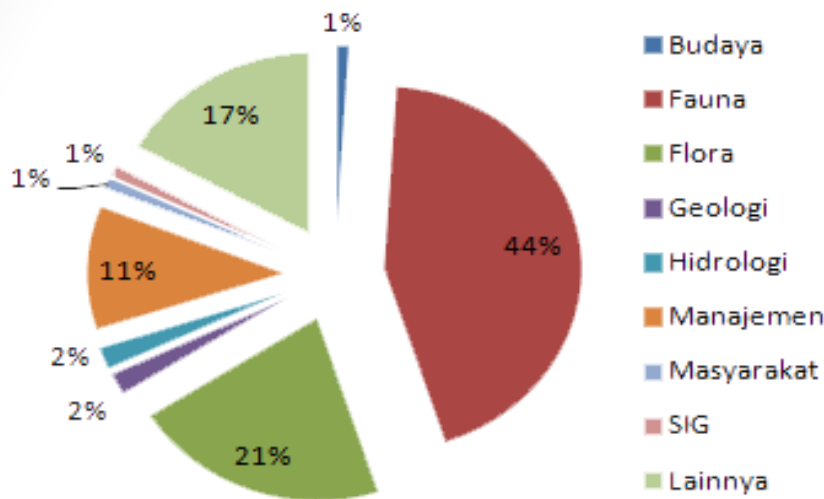
PERKEMBANGAN PENELITIAN DI TNAP



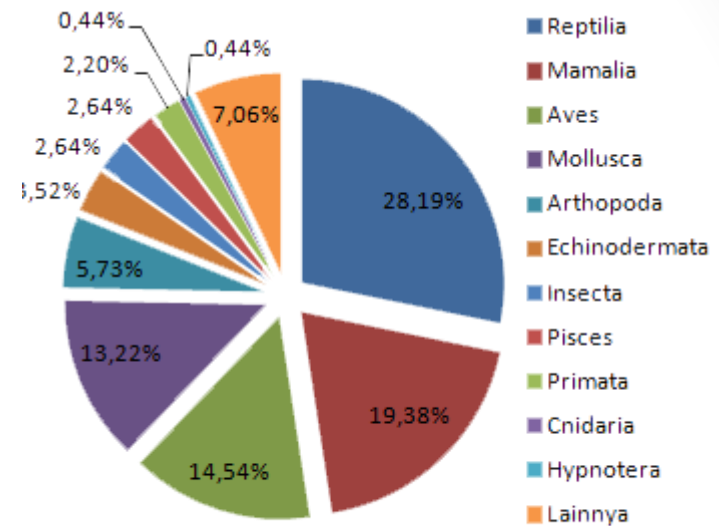
- ❑ Kegiatan penelitian didominasi oleh perguruan tinggi (TA; skripsi, thesis, disertasi).
- ❑ Lokasi penelitian sebagian besar berada di bagian barat TNAP.



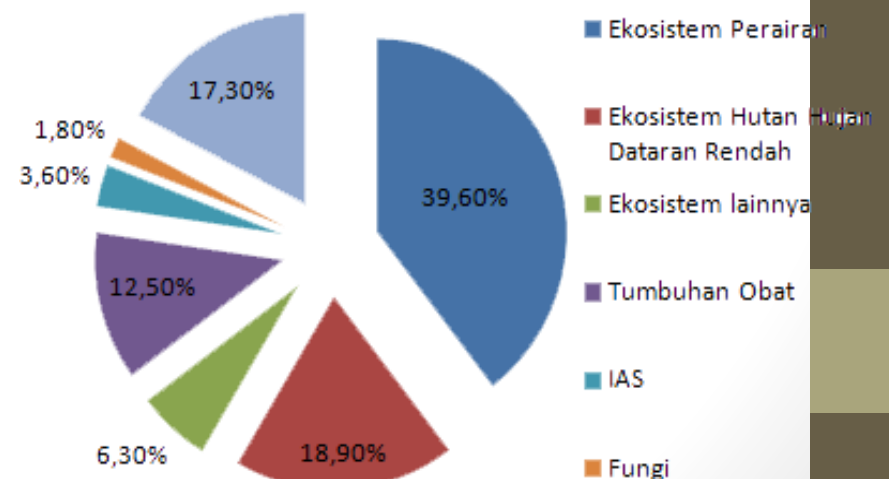
Obyek



Fauna



Flora



- ❑ Obyek penelitian dengan minat tertinggi adalah fauna (reptilia dan mamalia).
- ❑ Obyek penelitian flora tertinggi berlokasi pada ekosistem perairan (mangrove, sub tidal, intertidal dan peralihan/ pantai) dan hutan hujan dataran rendah.

Component 4 : Quantify and develop monitoring indicators from climate change and coastal hazards on ecosystem services and local socio-economic activities

Output 4.1. A comprehensive assessment and analysis of ecosystem services and the impact of climate change and coastal hazard for all biosphere reserves (activities 4.1.1 to 4.1.5)

Output 4.2 A comprehensive assessment of local socio-economic activities and the impact of coastal hazard on relevant economic sectors for all project biosphere reserves using MSP Approach

Output 4.3. A set of indicators and recommended approach for measuring and monitoring of coastal hazard on ecosystem services and baseline measurement for all biosphere reserves (activities 4.3.1 to 4.3.3)

Ecosystem services & local socio-economic activities in Alas Purwo NP



Usaha sarpras wisata



Pelabuhan Muncar

Usaha jasa transportasi wisata



Pagerwesi di Pura Luhur Giri Salaka



Susur Mangrove di Bedul



Pengamatan satwa di Sadengan



Surfing di Plengkung/ G-Land



Petik Laut di Sembulungan



Budidaya Mutiara

KELOMPOK BINAAN



**Komunitas Masy Peduli Alam
Sekitar Desa Penyangga
TN Alas Purwo
(KOMPAS)**

5 Desa Penyangga

No	Nama Kelompok	Desa	Jenis Usaha
1	Purwo Kreatif	Kalipait	Konveksi dan percetakan
2	Al Barokah	Kalipait	Ternak sapi dan jasa simpan pinjam
3	KUB Barokah	Kedungasri	Wisata mangrove dan hasil perairan mangrove
4	Sumber Makmur	Sumberasri	Ternak kambing, pupuk organik dan jasa simpan pinjam
5	Sido Mulyo	Sumberasri	Pupuk organik dan ternak kambing
6	Sinar Harapan	Sumberasri	Budidaya periaran air tawar dan produk olahan lele
7	KUB Baruna Jaya	Sumberasri	Hasil perairan mangrove dan jasa penyediaan alat tangkap ramah lingkungan
8	Wana Asri	Kedungasri	Ternak sapi dan kambing
9	KUB Sido Rukun	Kedungasri	Wisata mangrove dan hasil perairan mangrove
10	Bangkit Remaja Tegalpare	Wringinputih	Wisata mangrove dan hasil perairan mangrove
11	Pangpang Tanjung Pasir	Wringinputih	Hasil olahan makanan dari mangrove dan pengelolaan wisata mangrove
12	Bahari Stail Sejahtera	Wringinputih	Jasa transport perahu/wisata bahari
13	Buruh Migran Merpati	Wringinputih	Hasil olahan makanan ringan dan catering
14	KUB Windu Jaya	Kendalrejo	Hasil Perairan Mangrove dan olahan makanan ringan

KEGIATAN PEMBERDAYAAN MASYARAKAT



Ternak Sapi



Ternak Kambing



Mesin Tahu



Mesin Perahu



Gondanggandung



Peralatan sablon



Budidaya Burung



Budidaya Ikan



Pembuatan Krupuk



Beasiswa

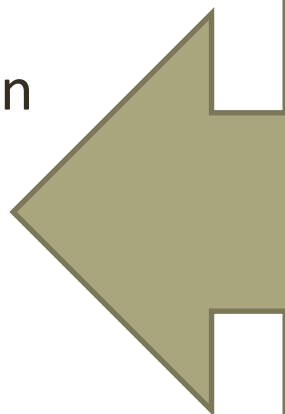


Alat Pengemas Produk



Perahu Wisata

Component 5 : Strengthen ocean governance and policies to enhance climate resilience of selected Biosphere Reserves



- Review BR Management committee
- Stakeholder mapping
- Review national/local policies
- Support local stakeholders

Component 6 Strengthen communication and collaboration between coastal and Island Biosphere Reserves to leverage learning and experience and support expansion of the IOC/MAP Approach

An aerial photograph of a lush green island with a bay and distant mountains. The foreground is dominated by a dense, vibrant green forest. In the middle ground, a large, rounded island is visible, also covered in dense forest. To the right, a calm bay or inlet is visible, with a few small boats scattered across the water. In the background, more distant islands and mountains are visible under a hazy, blue sky with some light clouds. The overall scene is serene and natural.

TERIMAKASIH