

# **KONSERVASI DAN PENGELOLAAN LINGKUNGAN**

# TUJUAN

Cita-cita agenda pembangunan berkelanjutan adalah:

Mensinkronkan, mengintegrasikan, memberikan bobot yang sama bagi bagi tiga aspek utama pembangunan ekonomi, sosial budaya, dan ekologi

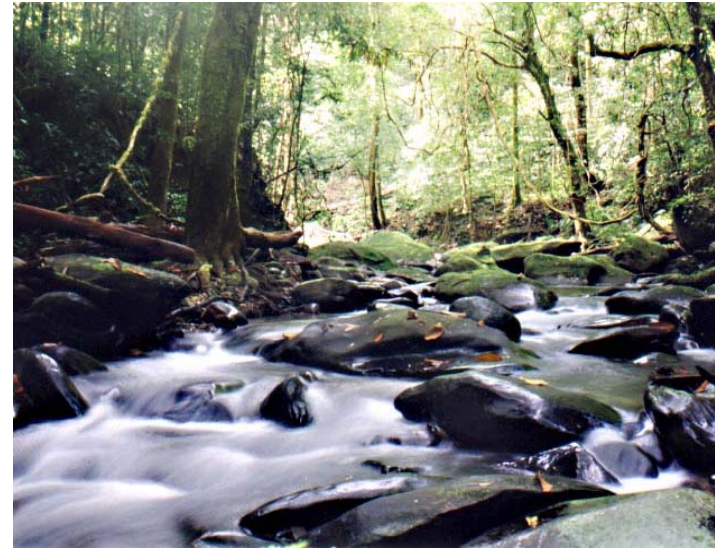
# CONSERVATION & ENVIRONMENT

- Konservasi adalah moral dan etika untuk menjaga pemanfaatan kehati secara berkelanjutan, dengan prasyarat berkeadilan, beradab, dan berdaulat
- LINGKUNGAN HIDUP adalah kesatuan ruang dengan semua benda, daya, keadaan, dan makhluk hidup, termasuk di dalamnya manusia dan perilakunya, yang mempengaruhi kelangsungan perikehidupan dan kesejahteraan manusia serta makhluk hidup lainnya

# CONSERVATION AND SUSTAINABLE DEVELOPMENT

- Development : the modification of the biosphere and the application of human ...living and non-resources to satisfy human needs and improve the quality of human life
- Conservation : as the management of human use of the biosphere so that it may yield in greatest sustainability benefit generations while maintaining its potential to meet the needs and aspiration of future generations
- Sustainable : it is meant to imply the long term support of life on earth is clear

# SASARAN PADA 3 BIOMA PENTING (FOREST, FRESH WATER, MARINE)

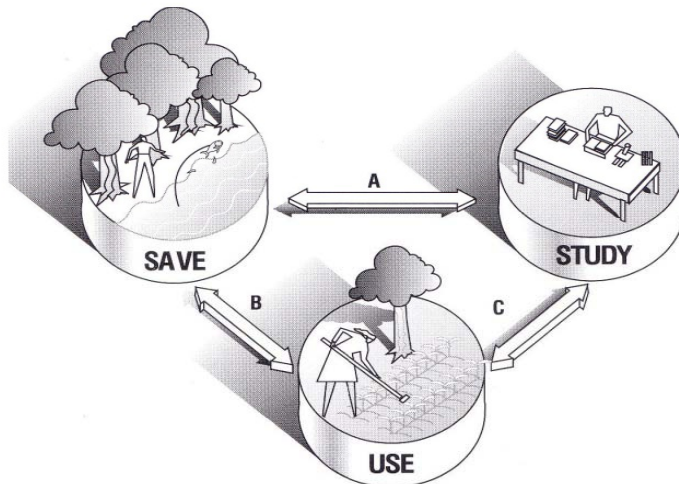


# HUTAN MANGROVE SEBAGAI BUFFER ZONE



# DASAR MGT KONSERVASI

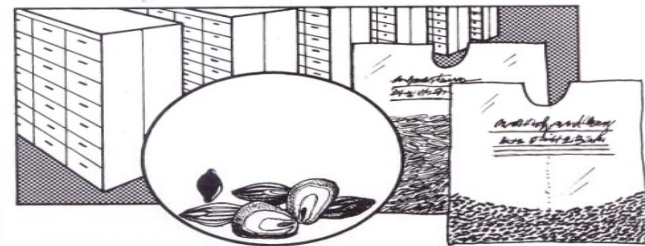
## Elements of Biodiversity Conservation



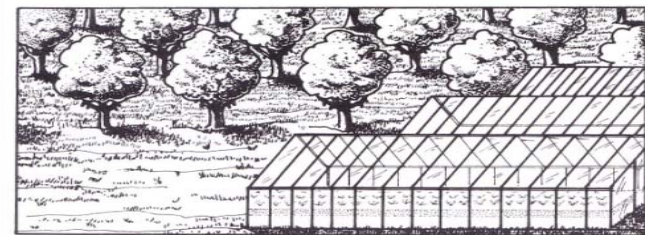
- A.** Slowing the loss of biodiversity requires greater understanding of its role in ecosystems and its importance for human life. Conversely, to increase understanding of biodiversity, representative and viable samples of ecosystems, species, and populations must be maintained.
- B.** Greater incentives will exist to slow the loss of biodiversity if its immediate value to humanity is increased. Conversely, the many current and potential benefits that biodiversity can provide to humanity cannot be sustained unless the biological resource base is maintained.
- C.** Developing sustainable uses of biodiversity requires the application of both traditional and modern knowledge of biodiversity and biological resources. Conversely, users needs should help set biodiversity research priorities.

## Integrated Approaches to Biodiversity Conservation

### Ex Situ Conservation



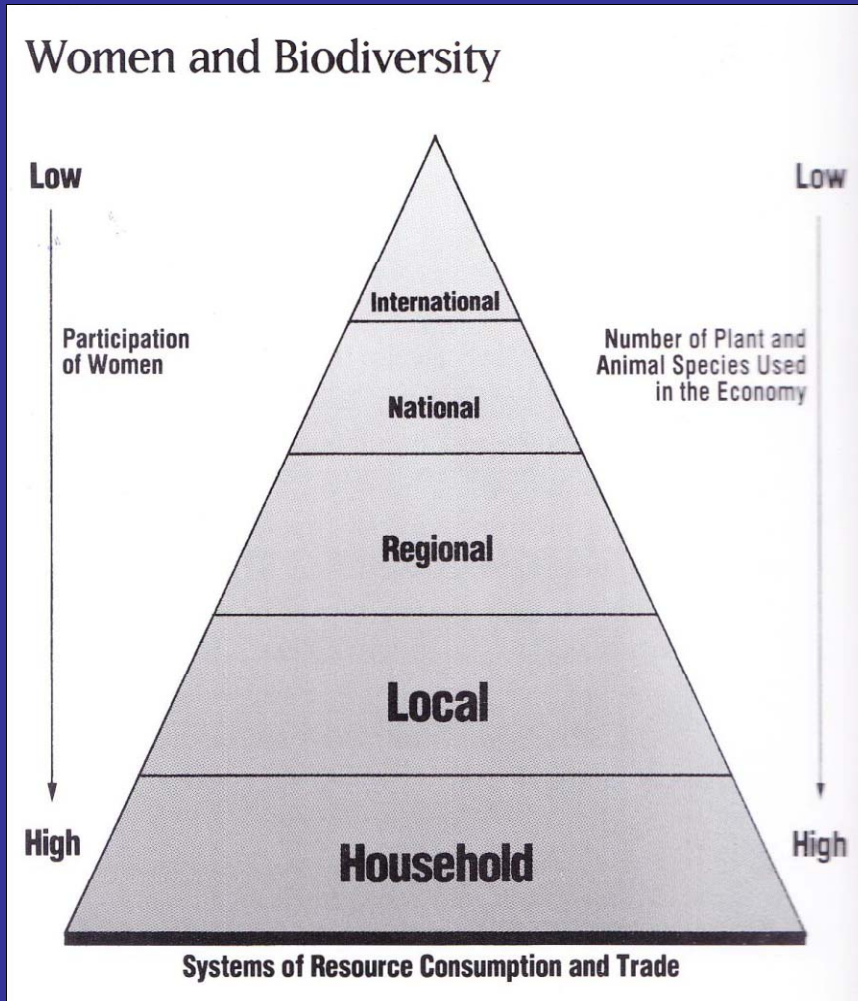
### Field Genebanks



### In Situ Conservation



# DITRIBUSI KONSERVASI BIODIVERSITY



- Bagaimana kondisi ini di Indonesia?
- Bagaimana dampaknya terhadap kehati
- Bagaimana sistem kawasan konservasi dibangun?
- Apa faktor penghambat dan pendukung?



# 5S-Conservation Planning

- **System:** the conservation targets occurring at a site, and the natural processes that maintain them, that will be the focus of site-based planning.
- **Stress:** the types of degradation and impairment afflicting the system(s) at a site.
- **Sources:** the agents generating the stresses,
- **Strategies:** the types of conservation activities deployed to abate sources of stress (threat abatement) and persistent stress (restoration).
- **Success:** measures of biodiversity health and threat abatement at a site

# PEMBANGUNAN BERKELANJUTAN

**PEMBANGUNAN**

**SUMBERDAYA ALAM**

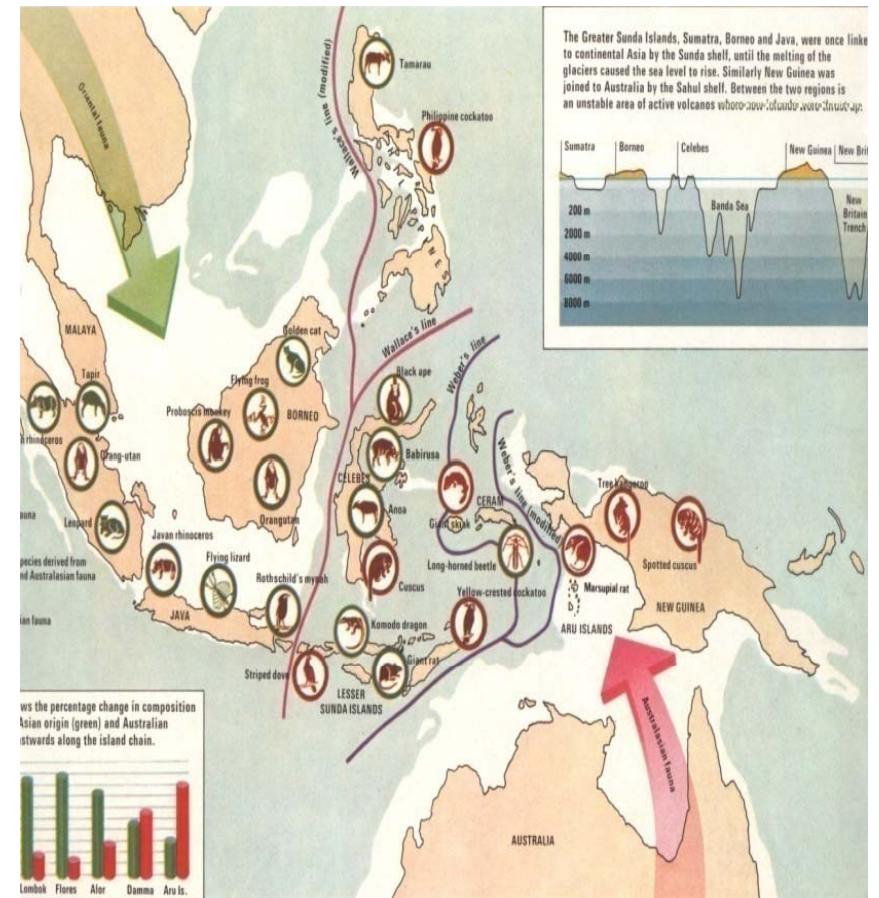
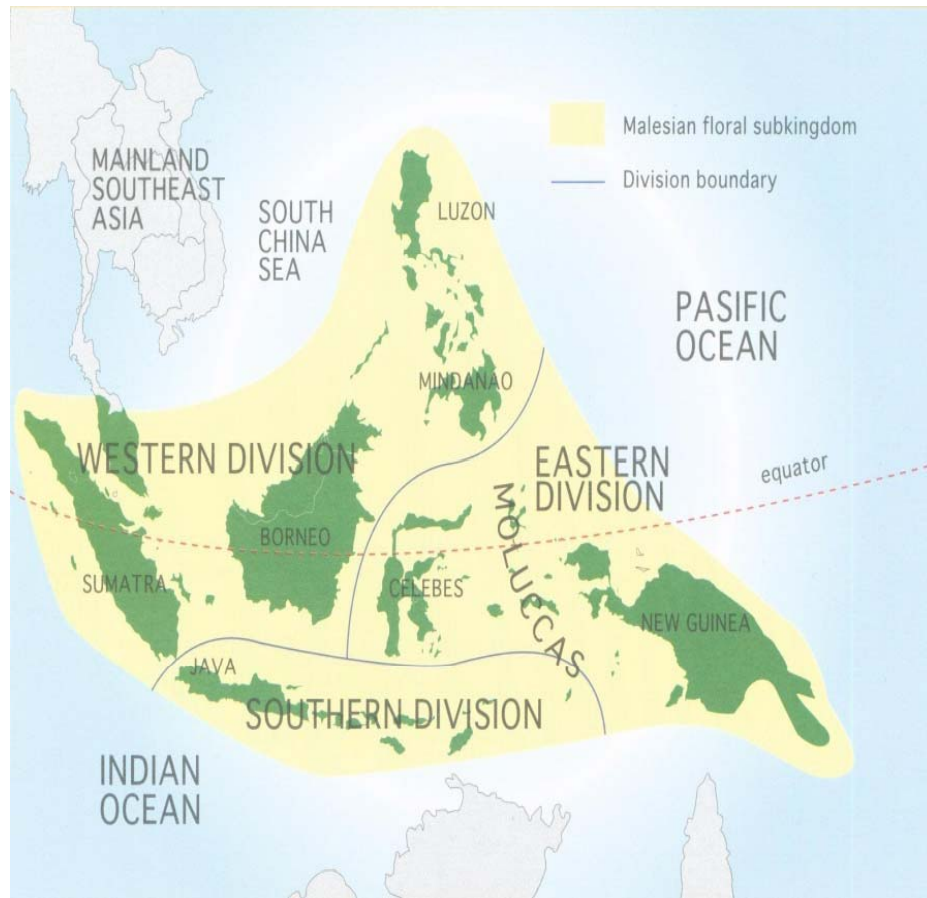
❖ PENINGKATAN LAJU  
PEMBANGUNAN

❖ MEMPERTAHANKAN  
LAJU PEMBANGUNAN  
YANG TINGGI DALAM  
WAKTU LAMA

❖ PEMANFAATANNYA  
SECARA BERKELANJUTAN

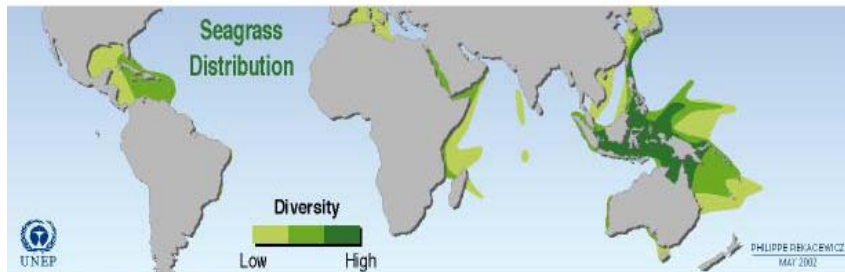
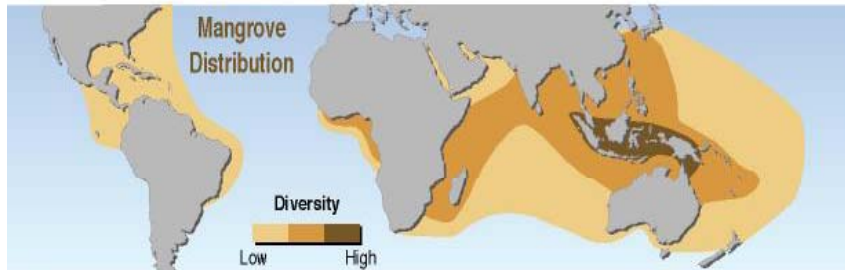
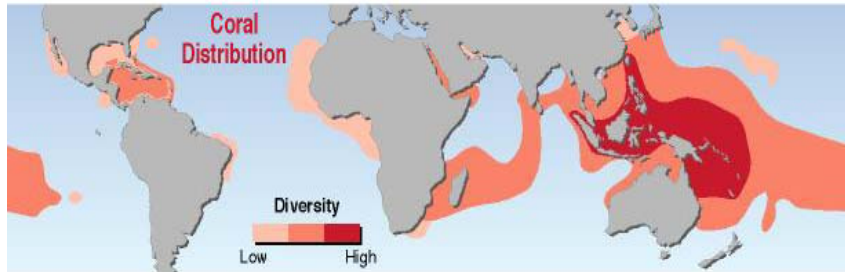
❖ MENJAMIN  
KELANGSUNGAN HIDUP  
DI MASA DEPAN

# MENGAPA KITA KAYA

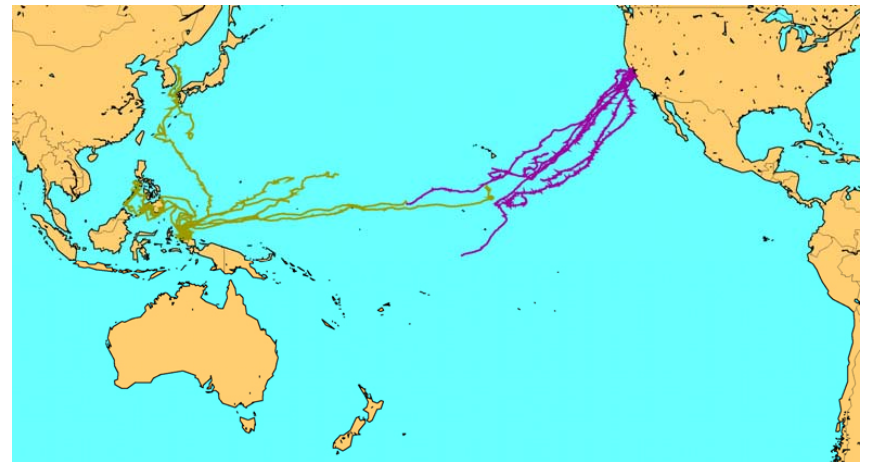
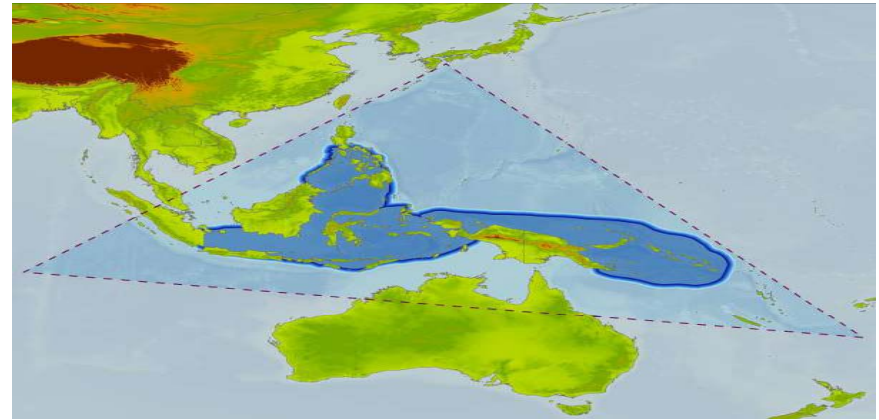


# MENGAPA KITA KAYA

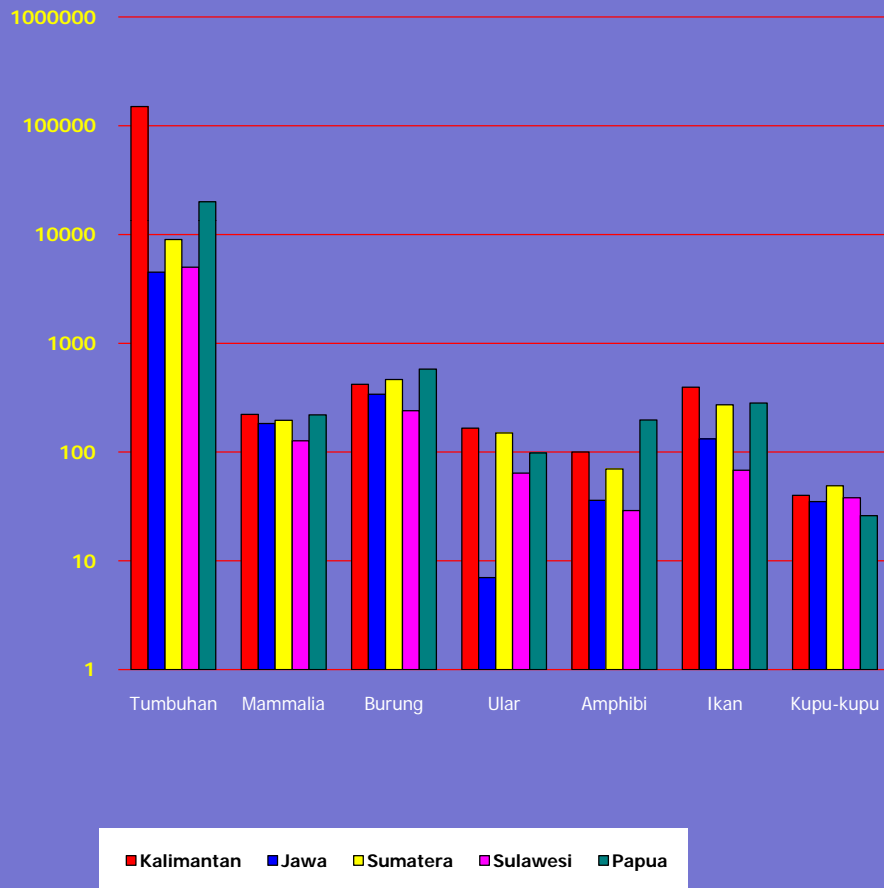
Global Distribution of Coral, Mangrove and Seagrass Diversity



Source : UNEP-WCMC, 2001.



# MEGABIODIVERSITY

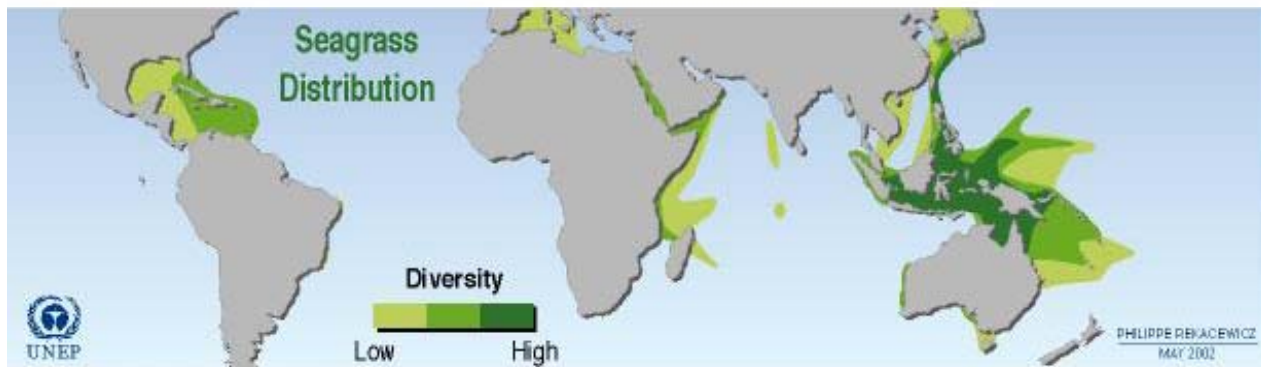
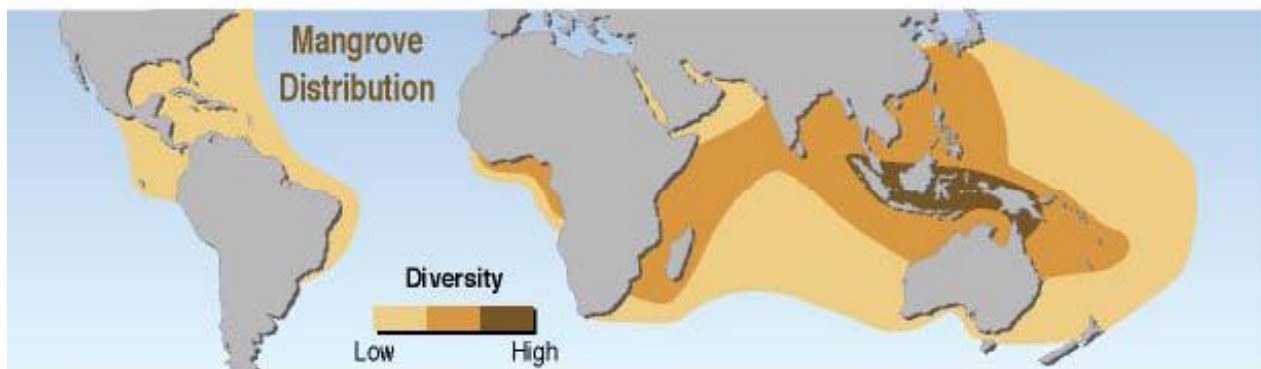
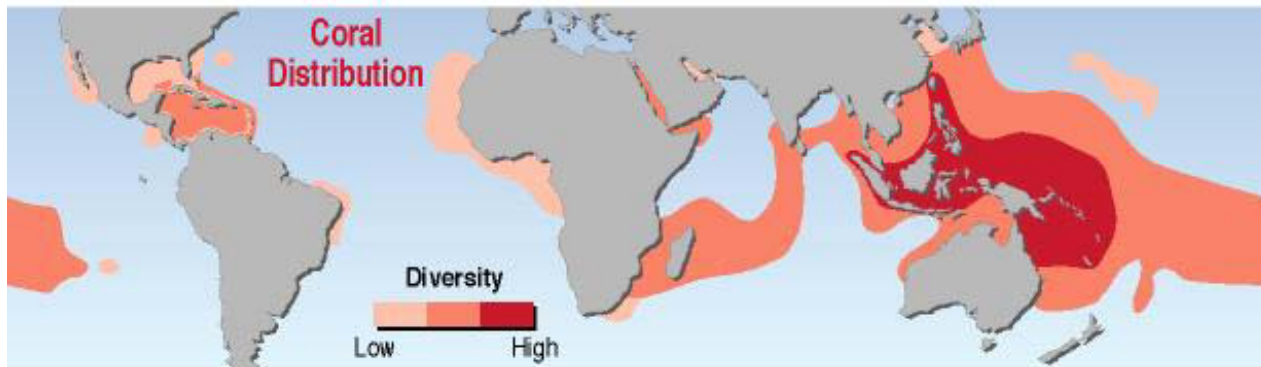


27.500 species tumbuhan berbunga (10 % dari seluruh species tumbuhan di dunia),

1.539 species burung (17 % dari seluruh species burung di dunia),

515 species reptilia (16 % dari seluruh species reptilia di dunia).

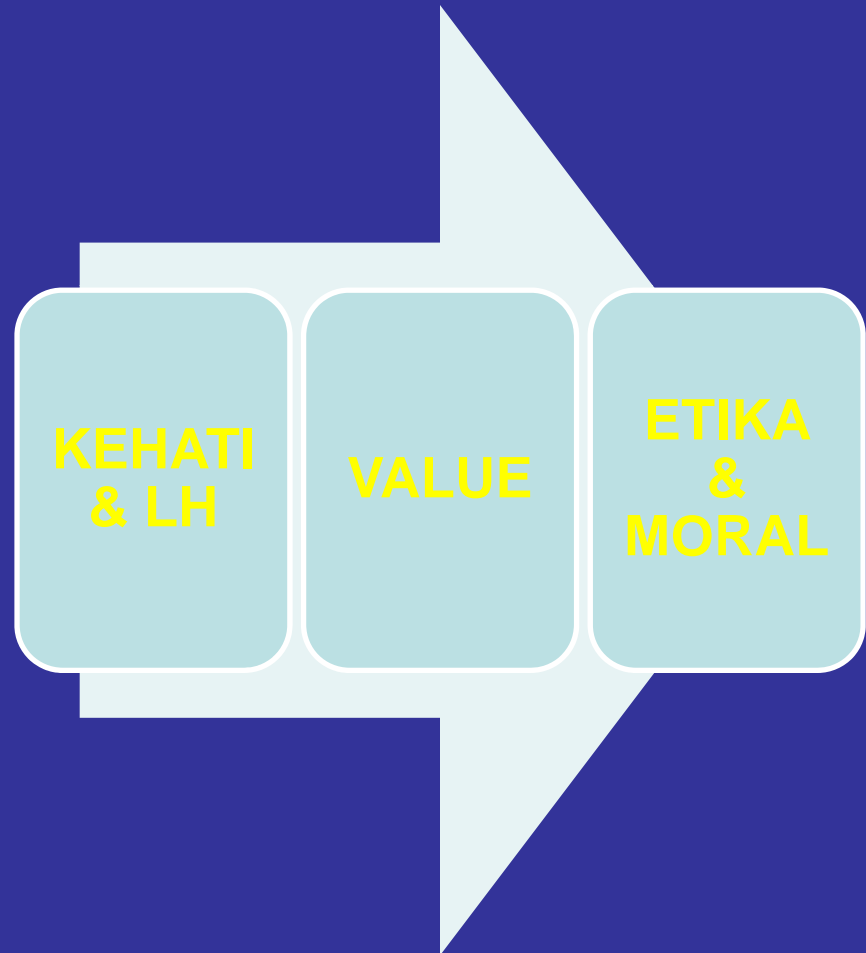
## Global Distribution of Coral, Mangrove and Seagrass Diversity



Source : UNEP-WCMC, 2001.

# TATANAN PERKEMBANGAN MANUSIA

- Membentuk etika & moral pro konservasi kehati dan LH sangat terkait dengan value umat terhadap SD Kehati dan lingkungannya
- Value sangat terkait dengan aspek sosial-budaya dan kondisi ekonomi
- Peran pendidikan konservasi kehati & lingkungan menjadi sangat penting, untuk mengubah keputusan manusia yang bermoral dan etika konservasi & lingkungan





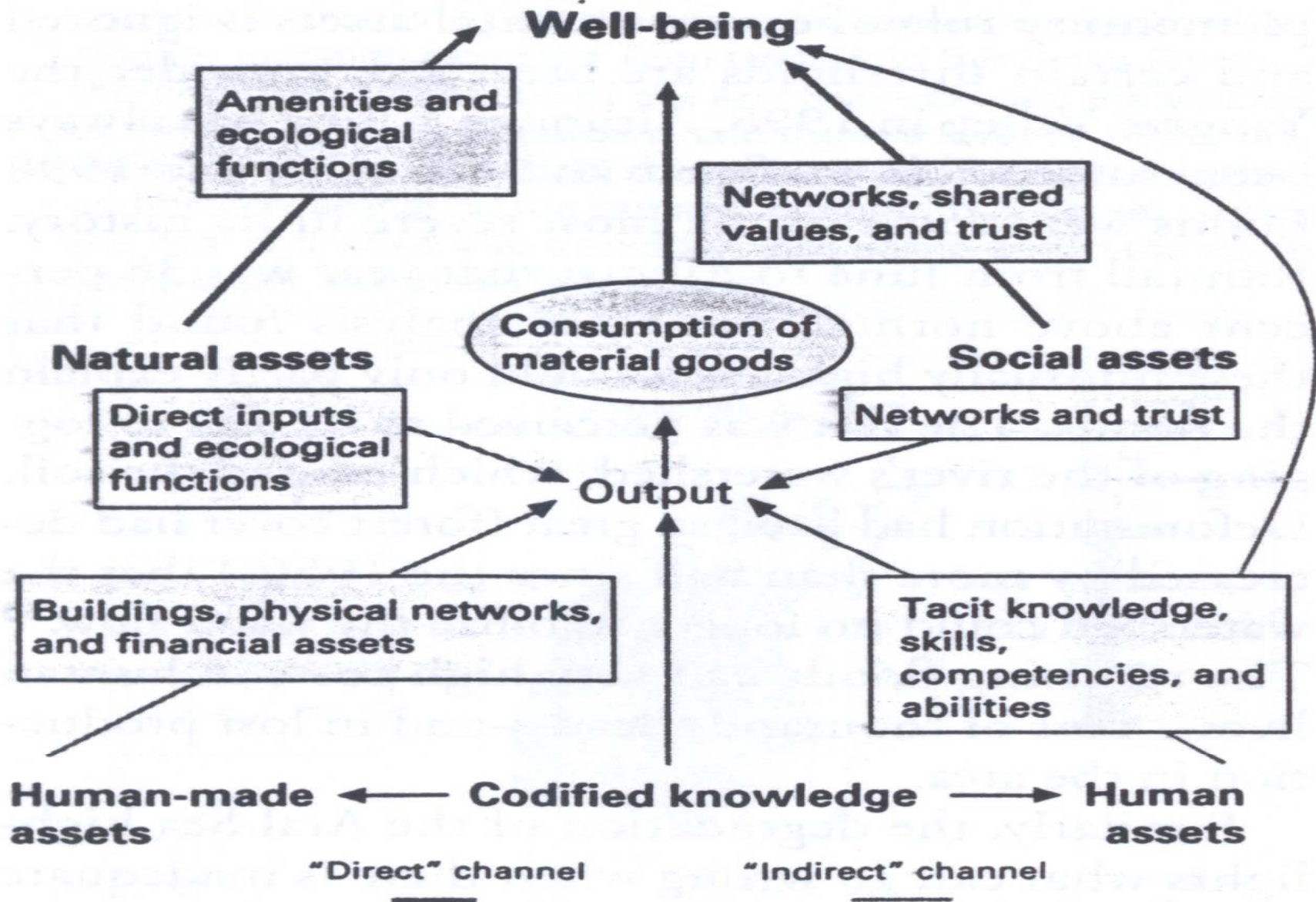
# Menerapkan Green Growth



Source: WWF / PwC



**Figure 2.2**  
**How society's assets enhance human well-being**



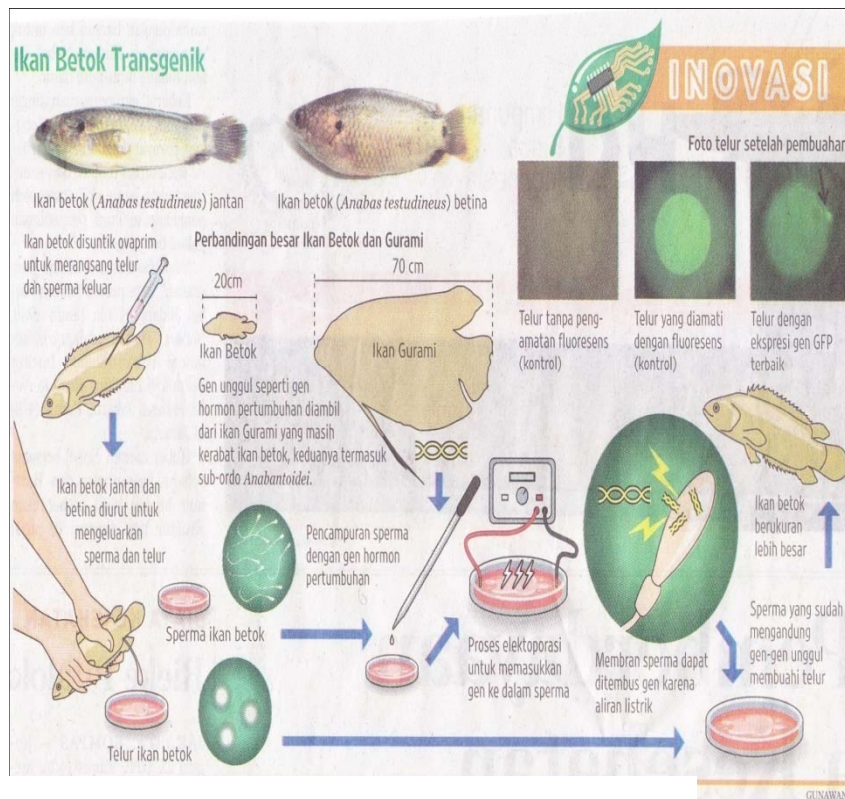
# MENGEMBANGKAN *ECOTOURISM*



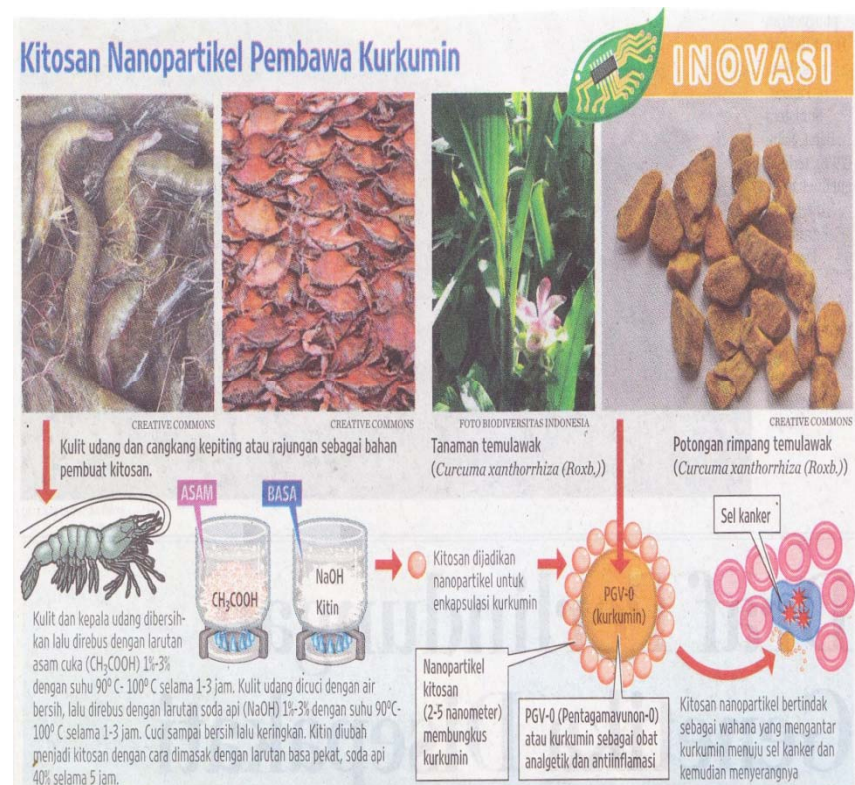
Sumber: Kompas, 2011

# MENGEMBANGKAN BIOPROSPEKSI

## IPB



## UGM



Sumber: Kompas, 2011

# Daftar Bacaan

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