MNS IN CONSERVING NATURE AND BIODIVERSITY

By
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THREATS

AGRICULTURE

DEVELOPMENT

TRANSPORT

URBANIZATION

POLYSTYRENE

PLASTICS

USE OF CHEMICALS

TREE CROPS
THE GREATEST WONDER OF NATURE

VARIETY IS THE SPICE OF LIFE

SECURITY AGAINST INFECTION & DISEASES

WE ARE ALL DIFFERENT
Some 4000 to 5000 years ago when God commanded the Prophet Noh to save each animal from the great flood.

Surah Al Hud, verse 40 - 41)
INTERNATIONAL AWAKENING

- IUCN – 1948
- UNEP – 1972
- GEF – 1991
- RIO EARTH SUMMIT – 1992, AGENDA 21, CBD
- UNDP – GEF PROGRAMME
National Policy & Vision

- National Biological Diversity Policy 1998
  "To transform Malaysia into a world center of excellence in conservation, research and utilization of tropical biological diversity by 2020"

- National Biodiversity and Biotechnology Council chaired by the Prime Minister in 2004. (est. 2001)
WHY THE HEIGHTEN INTEREST IN BIODIVERSITY

Species of plants and animal are declining at alarming rate.

Loss of species before we know they are existed and their role in the complex web of life.

More access and technology for research in this field.
• One of twelve (12) biodiversity-rich country.

• About 28,500 species of plants and about 30,000 animal species recorded.
10 endangered mammals in Malaysia

- Sunda pangolin
- Asian elephant
- Sumatran rhino
- Borneo bay cat
- Banteng
- Hairy-nosed Otter
- Malayan Tapir
- Proboscis monkey
- Flat-headed Cat
- Malayan tiger

Source: IUCN Red List, Star Pix
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MNS AND CONSERВATION IN MALAYSIA

- ENDAU ROMPIN
- BELUM
- KSNP
- KOTA DAMANSARA
- BUKIT KIARA
- NECs
ECONOMIC VALUE

- Pharmaceuticals and biological
- New bio-fiber
- New composites
- New adhesives
- New designs and technology (Bio-Mimicry)
- New energy – bio fuel
- Eco-tourism
- Water
- *Nature's Services (Intangible)*
CHALLENGES TO GAIN VALUE FROM BIODIVERSITY

- Lack of taxonomists
- Lack of priority
- Not glamorous
- Poor prospects
- No Natural History Reference point
- Natural History Museum???
THANK YOU