PROTECTED AREAS
Life insurance for a changing planet
2011-2020

Trevor Sandwith
“we must break with traditional thinking, catalyze a new vision, and join hands in new partnerships”

Climate change was not identified as a critical issue
Adoption of the CBD Programme of Work on Protected Areas
Kuala Lumpur 2004
Global Development Challenges

The inner circle represents the safe operating space for the key planetary systems. The red wedges indicate the best estimate of the current situation. Three boundaries have already been crossed: climate change, the nitrogen cycle and biodiversity loss.

Rockström et al. (2009) Nature

The diagram shows various environmental pressures and their impacts on the planet.
Global Biodiversity Outlook 3

Status and trends of the components of biological diversity

- Trends in extent of selected biomes, ecosystems, and habitats
- Trends in abundance and distribution of selected species
- Change in status of threatened species
- Trends in genetic diversity of domesticated animals, cultivated plants, and fish species of major socio-economic importance
- Coverage of protected areas

Growth in nationally designated protected areas (1970-2008)
- Total terrestrial area protected
- Terrestrial area protected with known year of establishment
- Total marine area protected
- Marine area protected with known year of establishment
The Strategic Plan for Biodiversity 2011-2020

Take effective and urgent action to halt the loss of biodiversity to ensure that by 2020 ecosystems are resilient and continue to provide essential services, thereby securing the planet’s variety of life, and contributing to human well-being, and poverty eradication.
Climate change negotiations

- Collectively aim to slow, halt and reverse forest cover and carbon loss
- Deliver multiple-benefits for sustainable livelihoods and biodiversity
- Enhance action on adaptation, including on ecosystem-based approaches
Strategic Plan: TARGET 11

At least

17 % of terrestrial and inland water, and
10 % of coastal and marine areas,

especially areas of particular importance for biodiversity and ecosystem services, are conserved

through effectively and equitably managed, ecologically representative and well-connected systems of protected areas, and other effective area-based conservation measures, and integrated into the wider landscape and seascape.
What does this mean for the management of protected areas?
1. Achieve effective management

Standards and guidance

- World Heritage
- Categories
- Management effectiveness assessment

Global professional curriculum and competence standards

IUCN’s Global Protected Area Programme
1+ Achieve effective performance

The IUCN Green List of well managed protected areas (??)

Recognize and measure progress, celebrate success, innovation and endeavour in protected area management
2. Facilitating equitable governance

- Focus on recognition of all PA governance types in the production landscape/seascape
- Address inadequacies in protected area legislation
<table>
<thead>
<tr>
<th>Governance type</th>
<th>A. Governance by Government</th>
<th>B. Shared Governance</th>
<th>C. Private Governance</th>
<th>D. Indigenous Peoples &amp; Community Governance</th>
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</thead>
<tbody>
<tr>
<td>Category (manag. objective)</td>
<td>Federa\ or nation\ al ministr\ y or agency</td>
<td>Local/ municip\ al ministry or agency in change</td>
<td>Govern\ ment-delegate\ d manage\ ment (e.g. to an NGO)</td>
<td>Trans-boundar\ y manage\ ment</td>
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<td>I - Strict Nature Reserve/ Wilderness Area</td>
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<td>II - National Park (ecosystem protection; protection of cultural values)</td>
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<td>III - Natural Monument</td>
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<td>IV - Habitat/ Species Management</td>
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<tr>
<td>V - Protected Landscape/ Seascape</td>
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<td>VI - Managed Resource</td>
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</table>
2+ Facilitate equitable governance

- Contribute towards social assessment of PAs
- Enable landscape, seascape scale multiple agency, biosphere reserve and transboundary protected areas governance
- Pilot, test and demonstrate Access and Benefit Sharing arrangements
Deforestation in the Amazon (Rondonia, Brazil)

- **Protected Area**
- **Indigenous Land**
- **Desmatamento 1997**
- **Desmatamento 2000**
- **Desmatamento 1997 ou 2000**
3. Making the case for sustainable financing and incentives

- A global assessment of PA financing
- Application of a suite of financing mechanisms (government funding, trust funds, payments for ecosystem services, mitigation offsets)
4. Meeting global challenges

Developing guidance to help PA manager meet global challenges to PA systems

Compiling evidence of how PA systems can contribute to addressing global challenges

“This book clearly indicates for the first time how protected areas contribute significantly to reducing the impacts of climate change ...”

- LORD NICHOLAS STERN
Green Environments Essential for Human Health, Research Shows

*ScienceDaily (Apr. 26, 2011)* — Research shows that a walk in the park is more than just a nice way to spend an afternoon. It’s an essential component for good health, according to University of Illinois environment and behavior researcher Frances “Ming” Kuo.

“Through the decades, parks advocates, landscape architects, and popular writers have consistently claimed that nature had healing powers,” Kuo said. “But until recently, their claims haven’t...”
INTERNATIONAL CONGRESS 2010
Healthy Parks
Healthy People

http://www.hphpcentral.com
4+ Meeting global challenges

Developing guidance for embedding biodiversity and PAs into development and land-use planning

Achieving sectoral support for the critical role of PA systems, management and governance in addressing global challenges

IUCN’s Global Protected Area Programme
5. Communication

Achieving standards

Standard print, media, web, news, Workshops, conferences

Restrictions on travel

Meeting the challenges

Enhanced communication technologies

IUCN’s Global Protected Area Programme
5+ Using the power of social networks
6th World Parks Congress 2014

- Locking in the new paradigm of relevance: natural solutions to human needs
- IUCN global and regional leadership for results

Meeting the challenges

Achieving standards

Making a difference
Visioning the future and responding

Illuminating success and acting

IUCN’s Global Protected Area Programme