



MINISTRY  
OF RURAL DEVELOPMENT

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# **„LIFE-Nature” and „LIFE+ Nature and Biodiversity” in Hungary**

*András Attila Takács Ph.D, Éva Sashalmi*

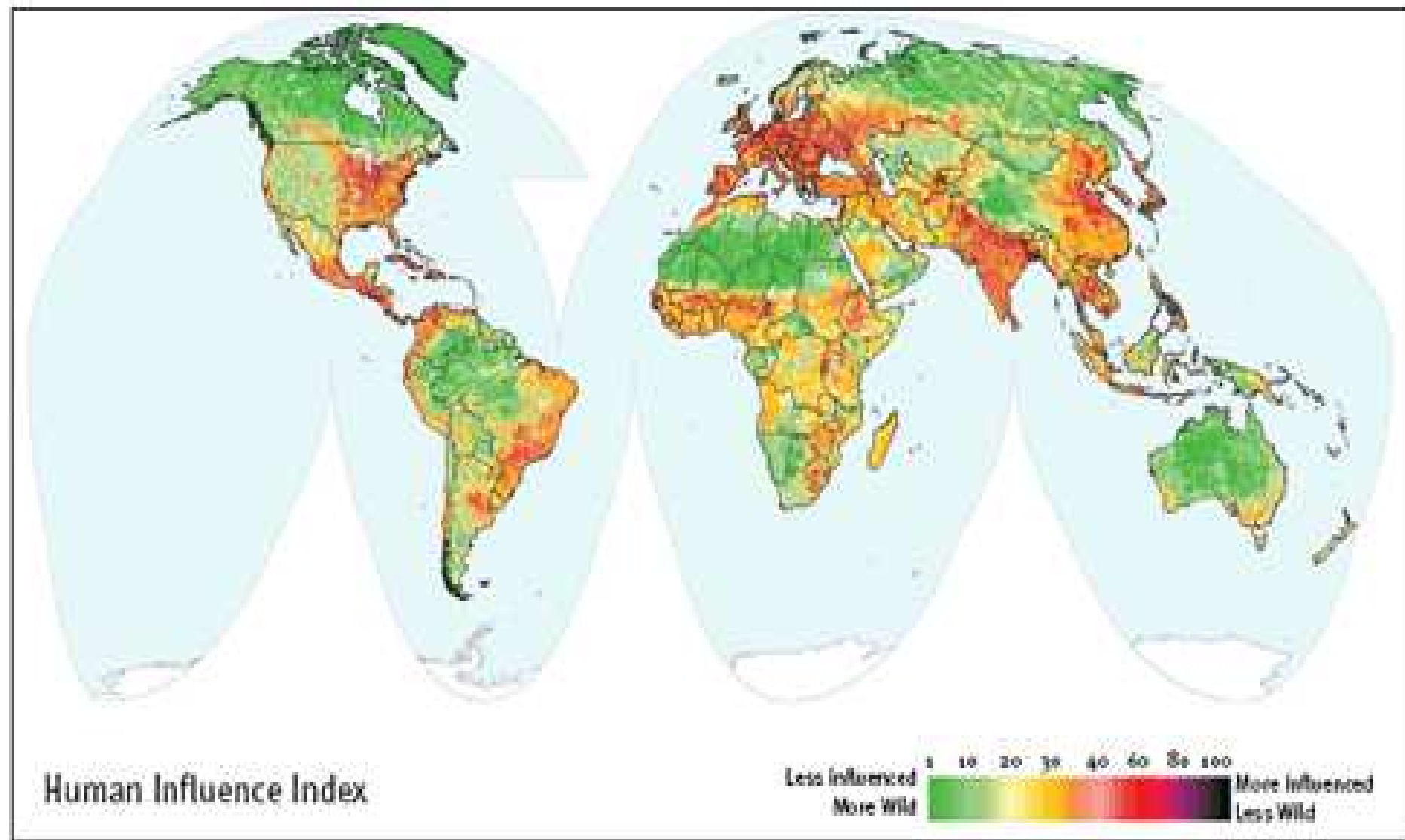
Deputy State Secretary for Environment and Nature



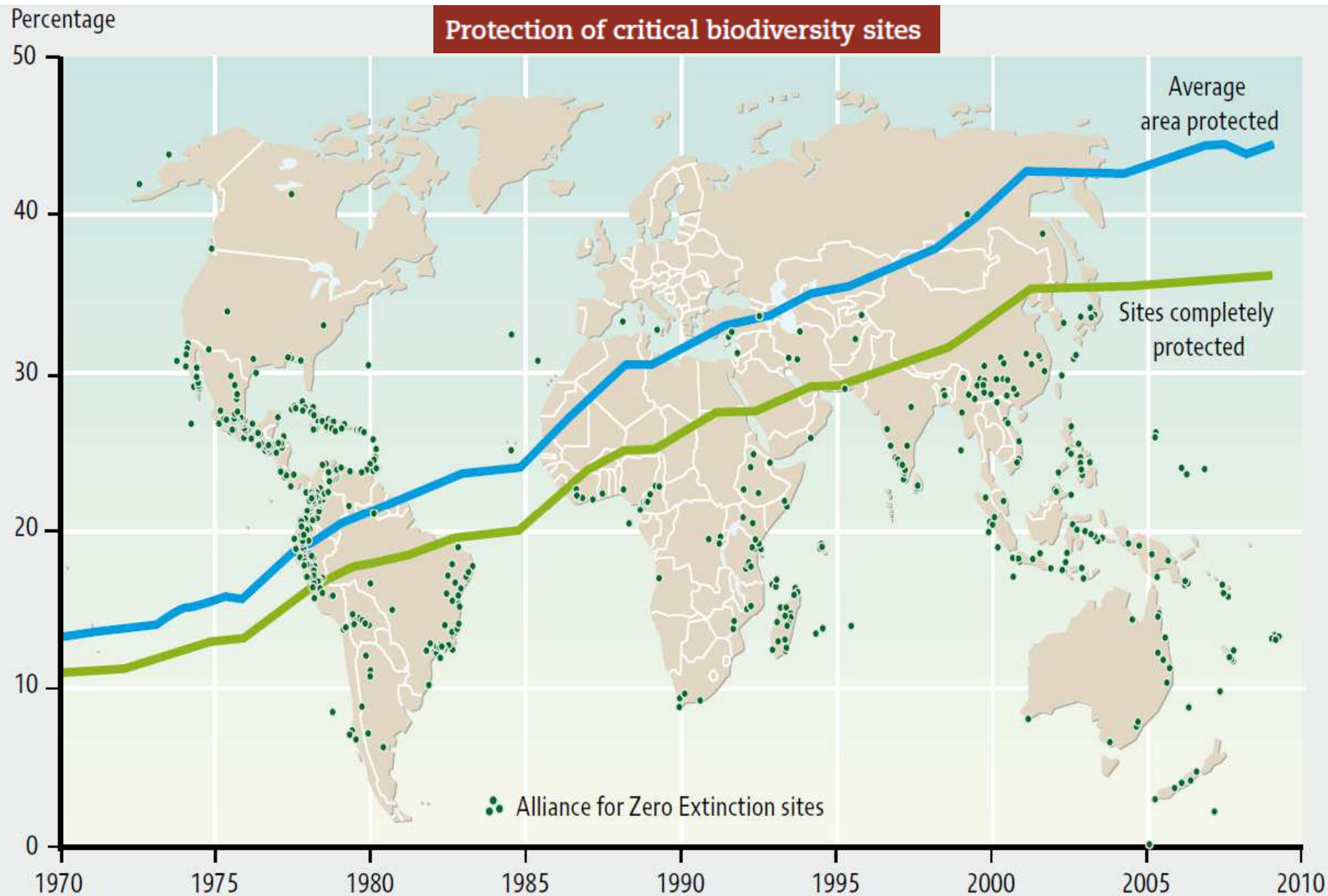
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Kecskemét, 06.10.2011.





The human footprint shown as normalized Human Influence Index (HII). The higher the score, the higher is the concentration of human use. Source: Wildlife Conservation Society and CIESIN.

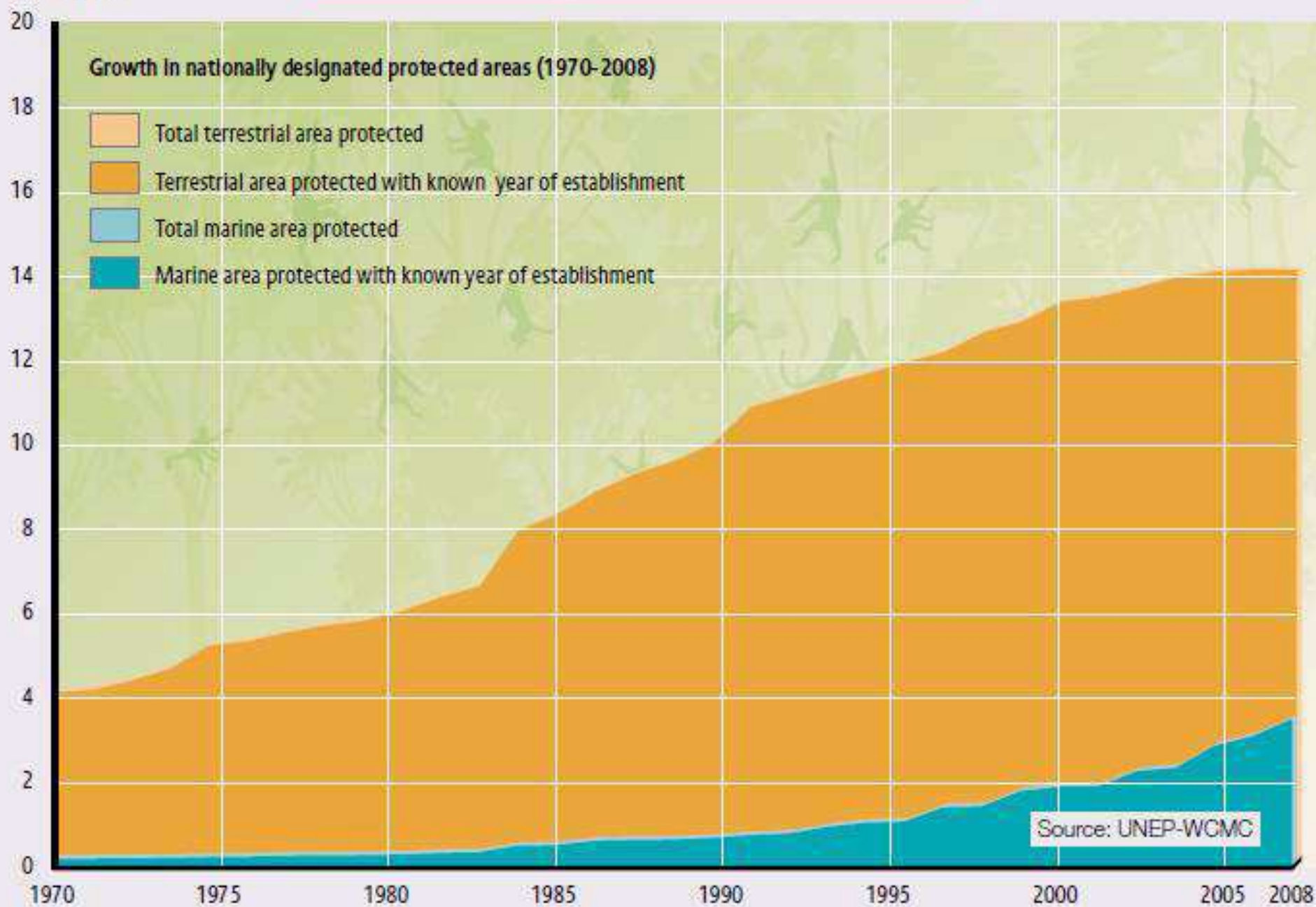


The average proportion of AZE sites within protected areas, and the number of AZE sites completely protected, have increased steadily since the 1970s. However, the majority of the area covered by the AZE sites remains outside protected areas.

Source: Alliance for Zero Extinction

## Extent of nationally designated protected areas

Millions km<sup>2</sup>

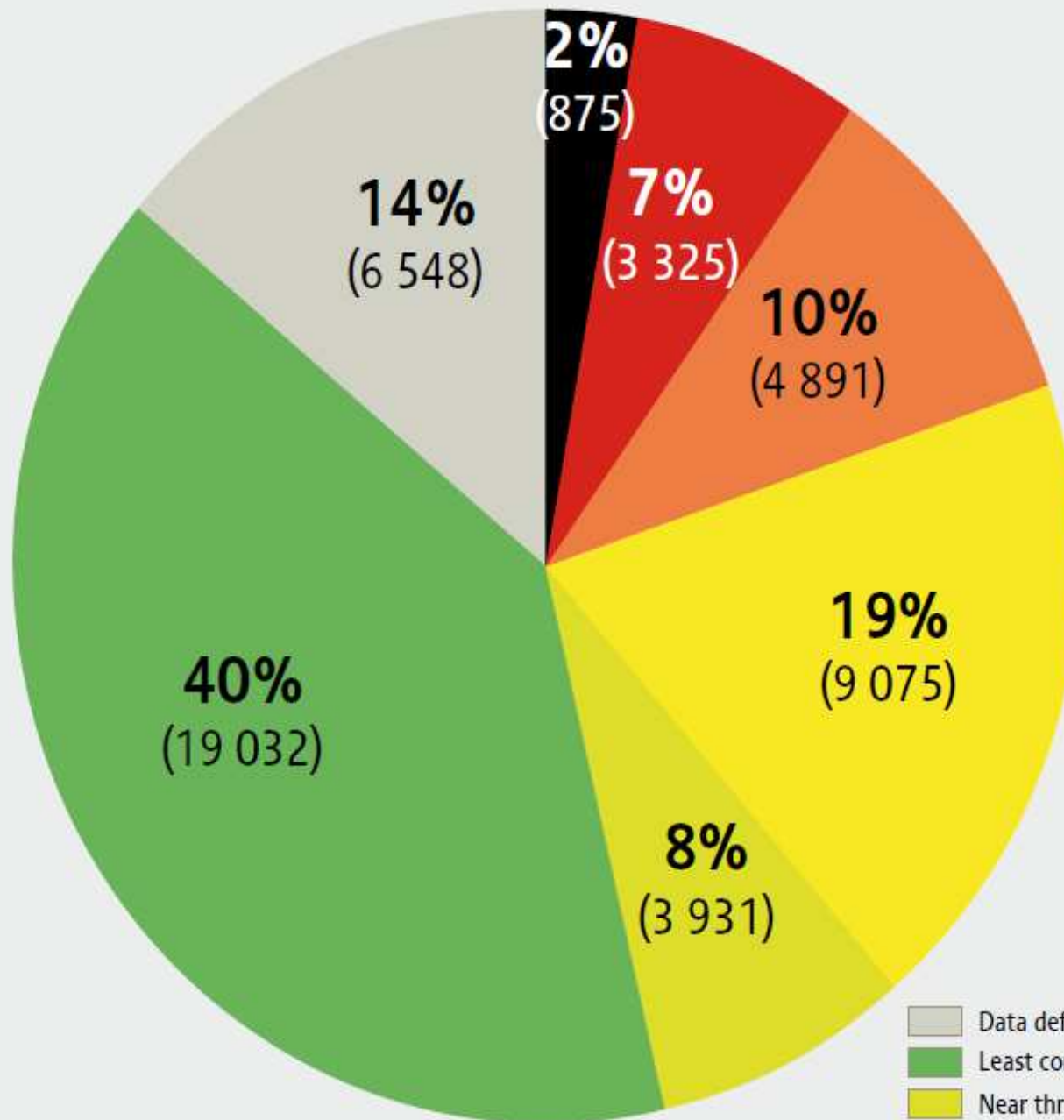




### Proportion of species in different threat categories

Proportion of all assessed species in different categories of extinction risk on the IUCN Red List, based on data from 47,677 species.

Source: IUCN



Extinct or  
Extinct in the Wild

Data deficient

Least concern

Near threatened

Vulnerable

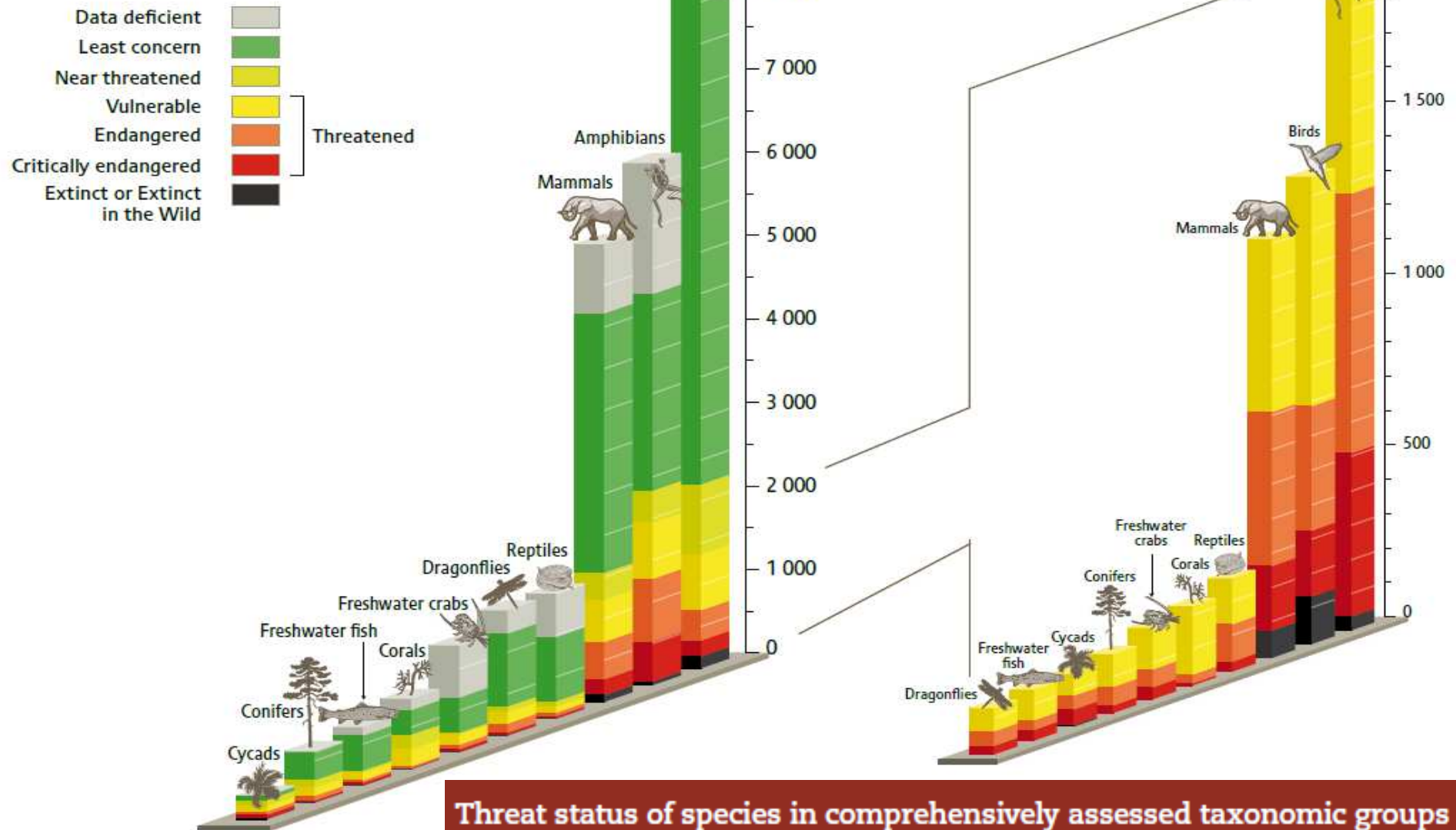
Endangered

Critically endangered

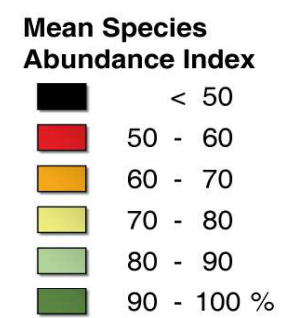
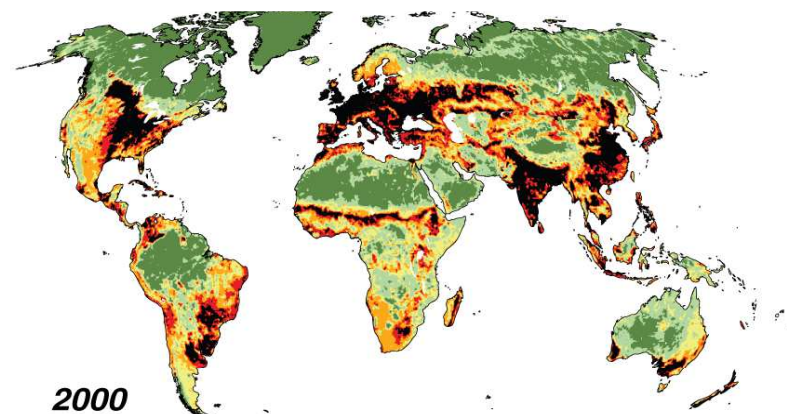
Threatened

The number and proportion of species in different extinction risk categories in those taxonomic groups that have been comprehensively assessed, or (for dragonflies and reptiles) estimated from a randomized sample of 1,500 species each. For corals, only warm water reef-building species are included in the assessment.

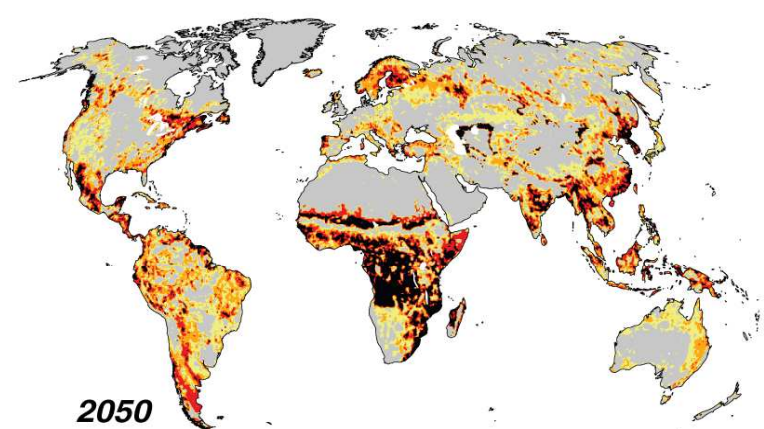
Source: IUCN



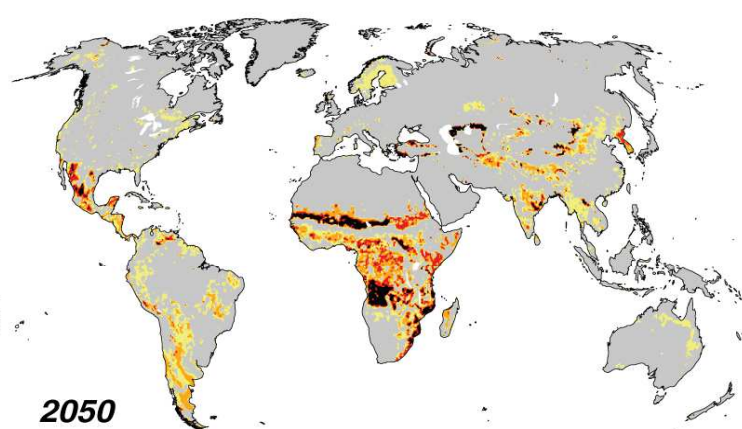
**Threat status of species in comprehensively assessed taxonomic groups**



**2000**

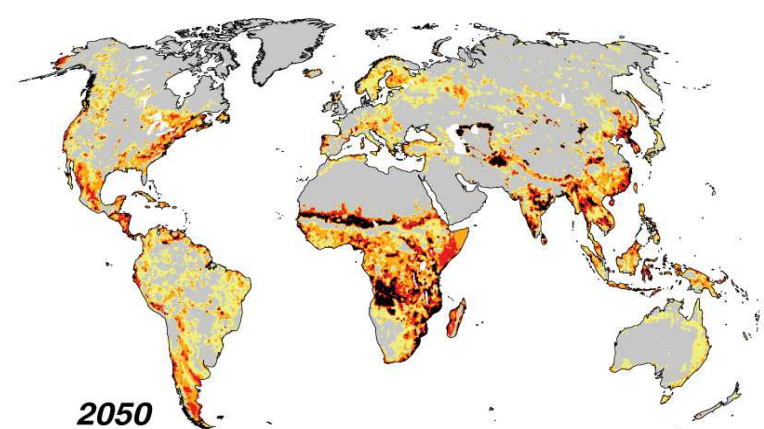


**2050  
Markets First**

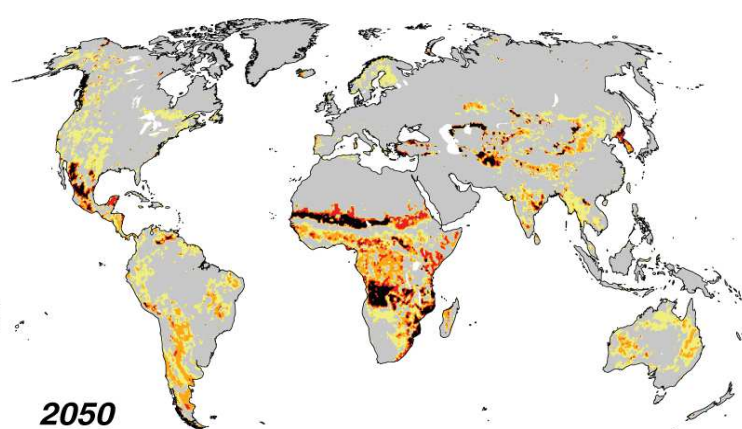


**2050  
Policy First**

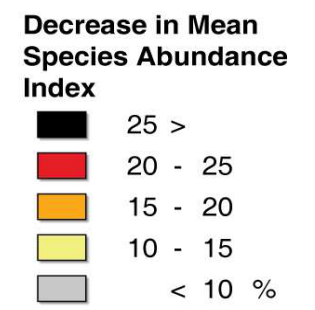
**Biodiversity  
loss:  
state and  
scenarios  
2006 and  
2050**



**2050  
Security First**

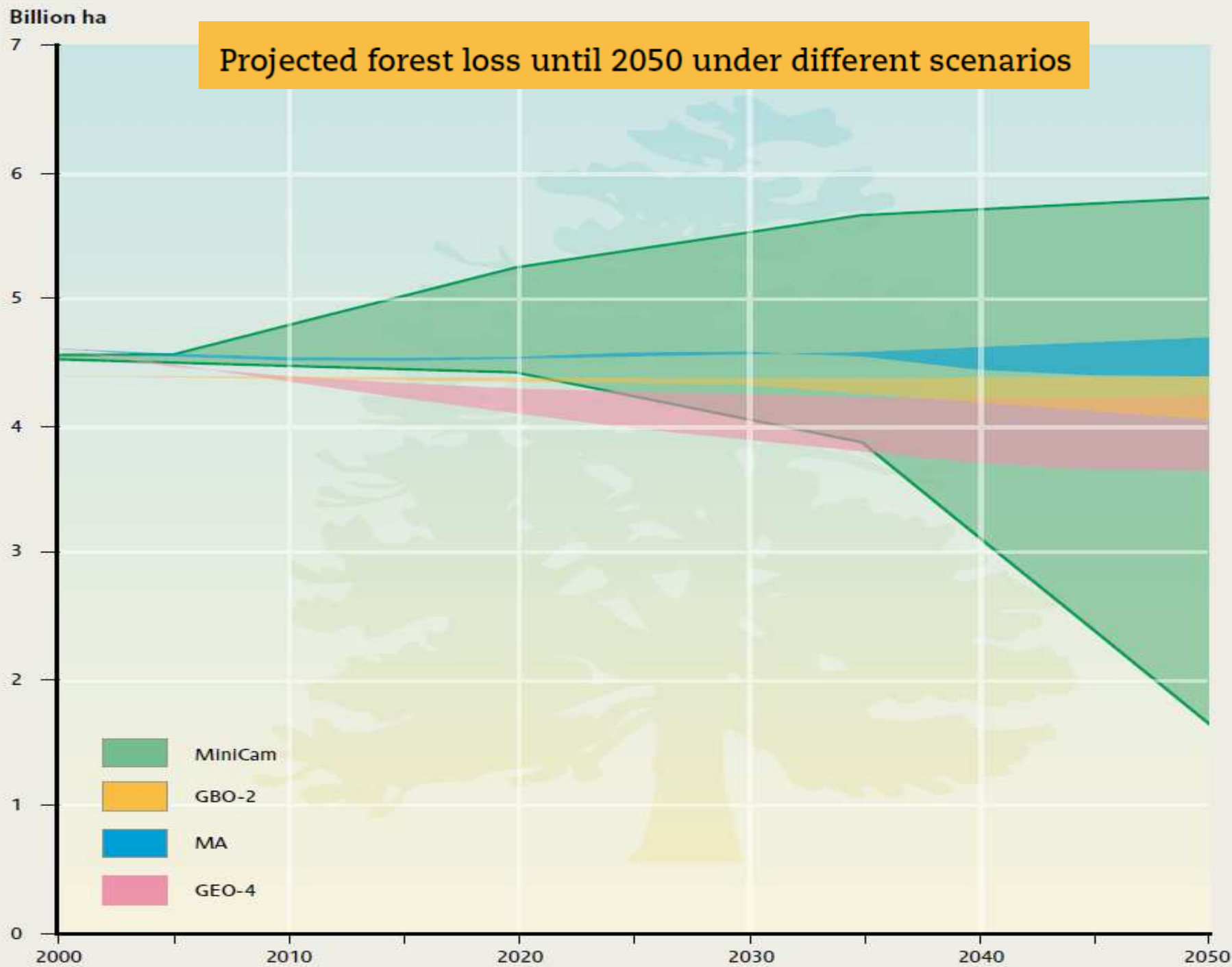


**2050  
Sustainability First**





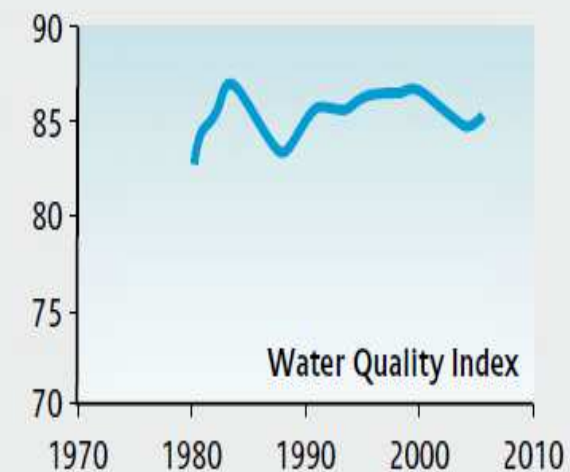
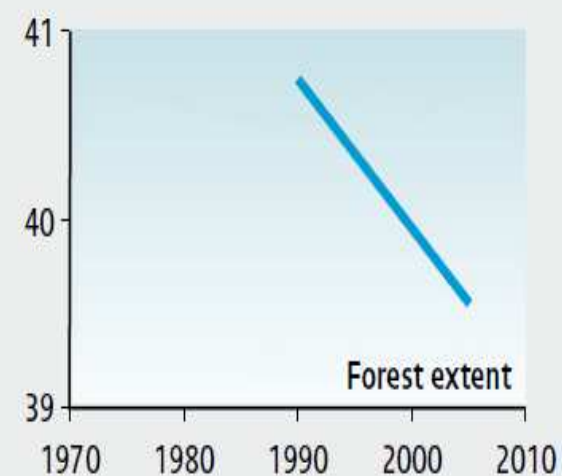
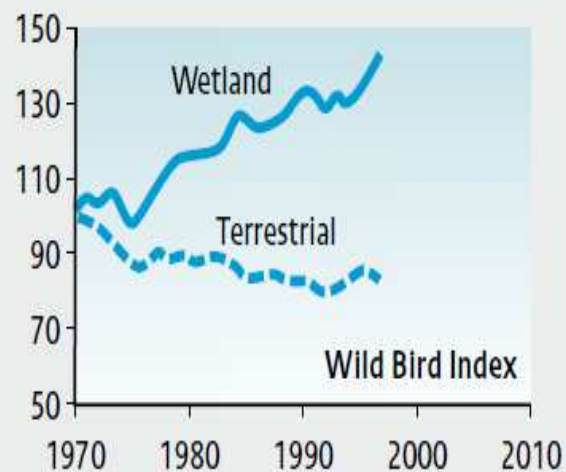
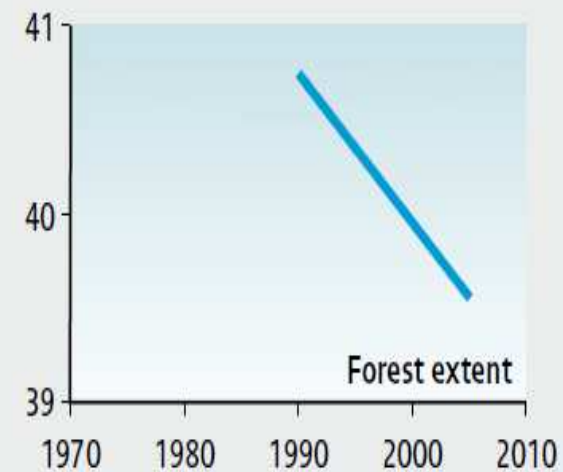
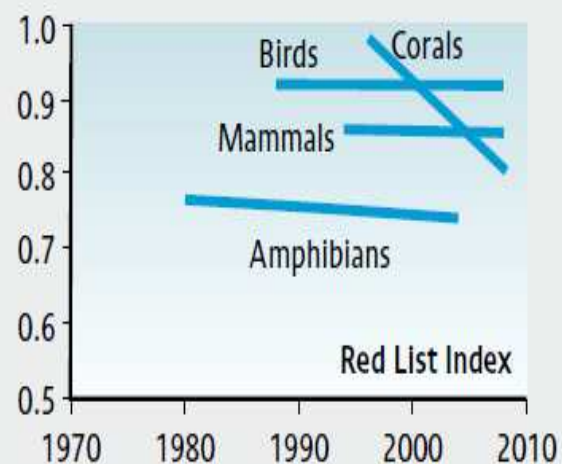
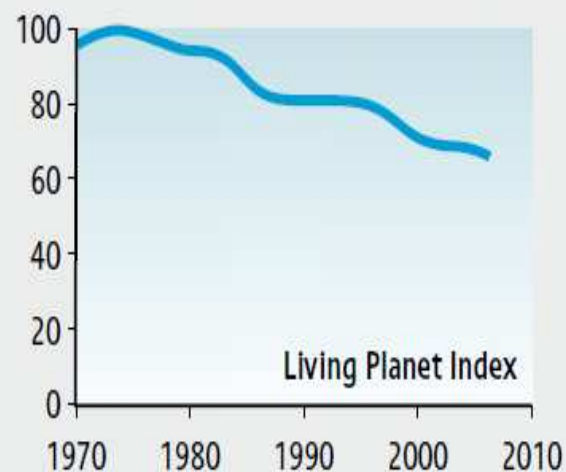
Projected forest loss until 2050 under different scenarios





## STATE

## Summary of biodiversity indicators



# LIFE-Nature programme in Hungary

## LIFE-Nature in Hungary:

2001-2006: **16 projects ~ 12.8 M EUR** from the EU

- 2 are on-going until the end of 2011:

*Steppic oak woods of Nagykőrös and  
Dianthus diutinus projects*

## Topics:

### Habitat restoration eg.:

- pannonic salt steppes in Hortobágy
- pannonic woods in Nagykőrös and in Pilis
- wetlands in Central Bereg Plain and in Tapolcai-medence

### Species conservation eg.:

- Imperial eagle (*Aquila heliaca*)
- Great Bustard (*Otis tarda*)
- Long lasting pink (*Dianthus diutinus*)
- Red-footed falcon (*Falco vespertinus*)
- Saker (*Falco cherrug*)
- Hungarian Meadow Viper (*Vipera ursinii ssp. rakosiensis*)



Photo: Zsolt



Photo: Csaba Loki



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# 2007-2013: LIFE+programme

Total budget 2007-2013:  
**2 143 409 000 €**

Indicative national  
allocations of Hungary:

- **2007: 4.7 M €**
- **2008: 5.2 M €**
- **2009: 6.3 M €**
- **2010: 6.1 M €**
- **2011: 6.9 M €**



Foto: Dr. Zsolt Kalotas



# **LIFE+ Nature and Biodiversity**

## **LIFE+ Nature:**

- contribute to the **implementation of the Birds and/or Habitats Directives**, support the further development and implementation of the **Natura 2000 network**
- must be **best practice or demonstration projects**

## **LIFE+ Biodiversity:**

- contribute to the implementation of the objectives of **Commission Communication "Halting the loss of biodiversity by 2010 – and beyond"** and of the **Commission Communication "Options for an EU vision and target for biodiversity beyond 2010"**
- must be **demonstration or innovation projects**



# LIFE+ Nature and Biodiversity in Hungary

## 2007-2010:

- **10** projects supported out of 18
- altogether **14.3 M €** from the EU

## 9 LIFE+ Nature projects:

### Habitat restoration eg.:

- pannonic salt steppes in Hortobágy
- sub-pannonic steppic grasslands in Eastern Bakony
- Szabadság Island in the Danube

### Species conservation:

- Hungarian Meadow Viper, Saker, Imperial Eagle

## 1 LIFE+ Biodiversity project:

Establishment of the Pannonian Seed Bank for the long term ex situ conservation of Hungarian vascular wild plants

Saker (*Falco cherrug*)

Fotó: Bagyura János



# Websites

<http://www.termeszetvedelem.hu/>

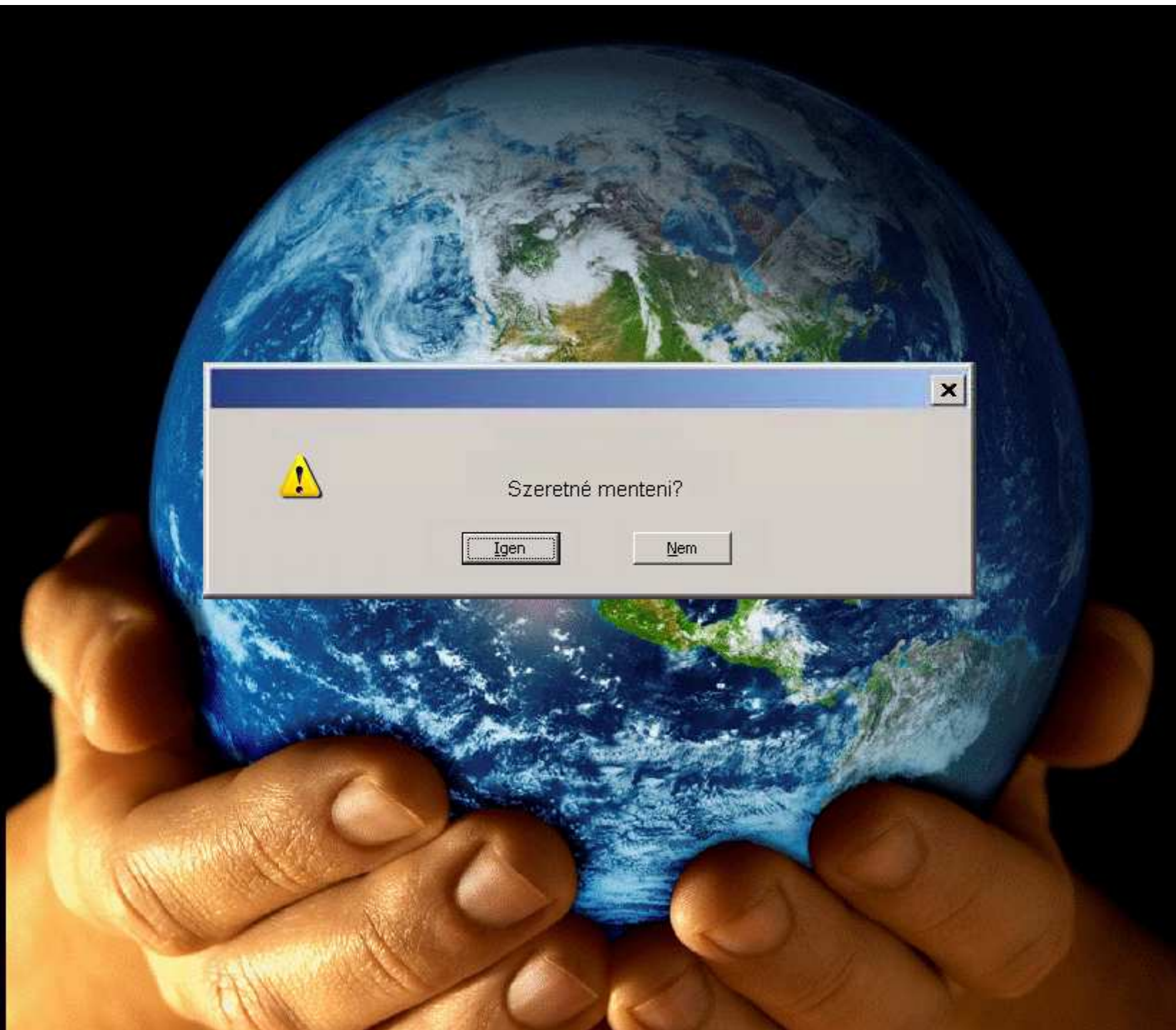
<http://www.natura.2000.hu/>

<http://www.nemzetipark.gov.hu/>



Photo: Andras Kovacs







**Thank you very much for your attention!**

