

From Conservation Research to Influencing Policy

Julia Marton-Lefèvre

Student Conference on Conservation Science

Tihany, Hungary

September 2015



A Sea of Acronyms to Change the World?

IUCN MAVA IPBES GEF STAP CMS CITES SSC
CEM UNEP SCOPE ICSU IGBP CCICED WCRP
TNC IPCC WWF CI SE4All TEEB CCAMLR SEI
Ramsar UNCCD GLISPA UNFCCC IIED ISSD
SDGs MDGs CGIAR CBD WEF GEO4 NBSAPs
MEAs IRENA WAZA

History

- Birdlife was founded in 1922
- IUCN: 1948
- The Nature Conservancy (TNC): 1951
- WWF (founded by IUCN): 1961
- First Earth Day celebration: 1970
- The United Nations Environment Programme (UNEP): 1972
- Conservation International: 1987



SPECIALIST GROUPS



Earth Day 1970



"All the News That's Fit to Print"

The New York Times

LATE CITY EDITION

Vol. CXIX... No. 40,997

NEW YORK, THURSDAY, APRIL 22, 1970

15 CENTS

Millions Join Earth Day Observances Across the Nation

Prices Climb 0.4% But Rate of Rise Appears to Slow

Gain in the Consumer Index for March Lags Behind the 4 Previous Months

INCREASE IS STEEP HERE

Medical Care and Mortgage Interest Are the Major Elements in Changes

By JEROME L. BALE Jr.
Special to The New York Times

WASHINGTON, April 22—Consumer prices rose strongly again in March but there were signs that the pace of inflation was slowing, the Labor Department reported today.

After adjustment of the data to reflect seasonal seasonal changes, the Consumer Price Index rose 0.4 percent in March, less than the 0.8 percent rise in February and the 1.1 percent rise in January.

What is more, comparison of the entire March increase in the index, not adjusted for

With Red's BEAR, Pompano Is Chummy Over Limited Response to Aid Pleas

CIVIL AVIATION CURSED

Aide Declines to State How Long Army Can Hold Out With the Arms It Has

By HENRY KAHN
Special to The New York Times

PHNOM PENH, Cambodia, April 22—An acceptance of negotiating military emergency in overhauling Cambodia.

It is also in evidence that the Cambodian army is unable to take back the Vietnamese Communist forces, which at one point was within 10 miles of the capital, and the limited response to France last that's applied to all nations for aid all.

The military authorities should the emergency despite the meaning to all civilian but in. According to military sources, it is to remain closed

Trumpets January 22th Avenue yesterday in response to a call for the organization of a political movement. View is south from 12th Street, with Central Park in background.

IUCN MAVA IPBES GEF STAP CMS CITES
SSC CEM UNEP SCOPE ICSU IGBP
CCICED WCRP TNC IPCC WWF CI SE4All
TEEB CCAMLR SEI Ramsar UNCCD
GLISPA UNFCCC IIED ISSD SDGs MDGs
CGIAR CBD WEF GEO4 NBSAPs MEAs
IRENA WAZA



International Union
for Conservation of
Nature

IUCN MAVA GEF STAP CMS CITES SSC
CEM UNEP SCOPE **IPBES** ICSU IGBP
CCICED WCRP TNC IPCC WWF CI SE4All
TEEB CCAMLR SEI Ramsar UNCCD
GLISPA UNFCCC IIED ISSD SDGs MDGs
CGIAR CBD WEF GEO4 NBSAPs MEAs
IRENA WAZA



Intergovernmental Platform on
Biodiversity and Ecosystem Services

IUCN MAVA IPBES GEF STAP CMS SSC
CEM UNEP SCOPE ICSU IGBP CCICED
WCRP TNC IPCC **WWF** CI SE4All TEEB
CCAMLR SEI Ramsar UNCCD GLISPA
CITES UNFCCC IIED ISSD SDGs MDGs
CGIAR CBD WEF GEO4 NBSAPs MEAs
IRENA WAZA



©
WWF®

World Wide Fund for Nature

IUCN MAVA IPBES GEF STAP CMS **CITES**
SSC CEM UNEP SCOPE ICSU IGBP
CCICED WCRP TNC IPCC WWF CI SE4All
TEEB CCAMLR SEI Ramsar UNCCD
GLISPA UNFCCC IIED ISSD SDGs MDGs
CGIAR CBD WEF GEO4 NBSAPs MEAs
IRENA WAZA



Convention on International Trade
in Endangered Species
of Wild Fauna and Flora

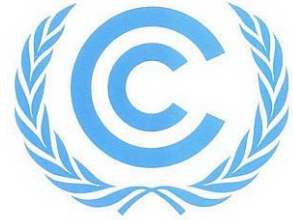
IUCN MAVA IPBES GEF STAP CMS CITES
SSC CEM UNEP SCOPE ICSU IGBP
CCICED WCRP TNC IPCC WWF CI SE4All
TEEB CCAMLR SEI Ramsar UNCCD
GLISPA UNFCCC IIED ISSD SDGs MDGs
CGIAR CBD WEF GEO4 **NBSAPs** MEAs
IRENA WAZA

NBSAPs

National Biodiversity Strategies
and Action Plans

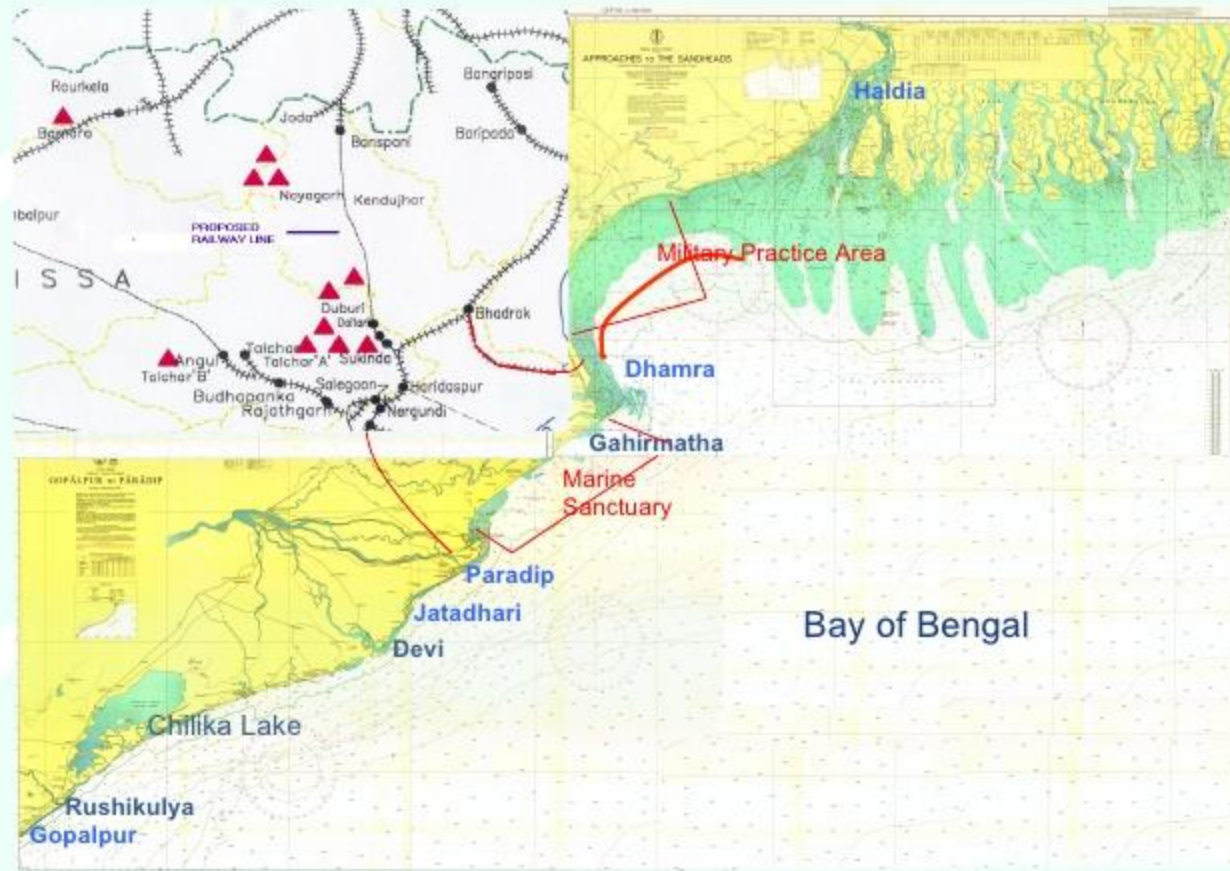
Does this system work?

Rio Conventions





NEED FOR A PORT WHY DHAMRA



Major Global events (partial list)

- 1972: Stockholm Conference on the Human Environment
- 1992: Rio Conference on Environment & Development: Earth Summit
- 2000: Millennium Development Goals (MDGs)
- 2002: Johannesburg: World Summit on Sustainable Development
- 2005: Millennium Ecosystem Assessment
- 2010: CBD Conference of the Parties (COP): Aichi Targets & Nagoya Protocol
- 2012: Rio + 20 Conference on Sustainable Development
- 2015: Sustainable Development Goals
- 2015: COP 21 of the UN Framework Convention on Climate Change

Sustainable Development Goals (SDGs)

The 17 SDGs set a 15-year timeframe to mobilize global sustainable development efforts around a common set of goals and targets, aspirations, and priorities. The SDGs call for worldwide joint action among governments, business, and civil society to end poverty, create a life of dignity and opportunity for all, and ensure the planet's stability by 2030.

17 Goals:

1. End poverty everywhere
2. End hunger, achieve food security & improved nutrition & promote sustainable agriculture
3. Ensure healthy lives & promote well-being for all
4. Ensure inclusive & equitably quality education & promote lifelong learning

SDGs (continued)

5. Achieve gender equality & empower all women & girls
6. Ensure availability & sustainable management of water & sanitation for all
7. Ensure access to affordable, reliable, sustainable & modern energy for all
8. Promote sustained, inclusive & sustainable economic growth, full & productive employment and decent work for all
9. Build resilient infrastructure, promote inclusive & sustainable industrialization & foster innovation
10. Reduce inequality within & among countries
11. Make cities & human settlements inclusive, safe, resilient & sustainable

SDGs (continued)

12. Ensure sustainable consumption & production patterns
13. Take urgent action to combat climate change & its impacts
14. Conserve & sustainably use the oceans, seas & marine resources
15. Protect, restore & promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification & halt & reverse land degradation, & halt biodiversity loss
16. Promote peaceful & inclusive societies for sustainable development, provide access to justice for all & build effective, accountable & inclusive institutions
17. Strengthen the means of implementation & revitalize the global partnership for sustainable development

2015: leading to transformational change?

- March: Third World Conference on Disaster Reduction, Sendai
- July: Financing Sustainable Development,
◦ Addis Ababa
- September: UN General Assembly High Level Session on Sustainable Development Goals
- December: Conference of the Parties to the Climate Change Convention, Paris

United Nations Summit for the Adoption of the post 2015 Development Agenda (zero draft document)

Transforming our World by 2030: A new Agenda for Global Action

This Agenda is a plan of action for people, planet and prosperity that also seeks to strengthen universal peace in larger freedom. The new Agenda sets out, *inter alia*, to:

End poverty and hunger;

Secure education, health and basic services for all;

Achieve gender equality and empower all women and girls;

Combat inequalities within and between countries;

A new Agenda for Global Action (2)

Foster inclusive economic growth, shared prosperity and sustainable lifestyles for all;

Promote safe and inclusive cities and human settlements;

Protect the planet, fight climate change, use natural resources sustainably and safeguard our oceans;

Strengthen governance and promote peaceful, safe, just and inclusive societies; and

Revitalize the Global Partnership for Sustainable Development



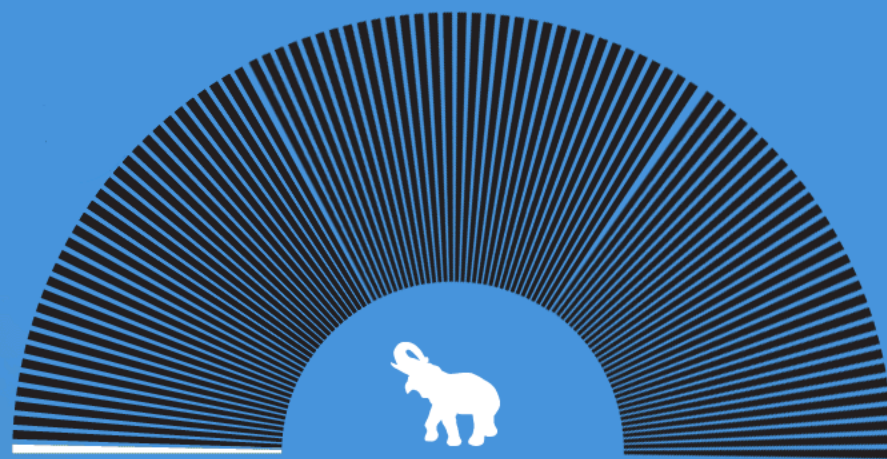
THE IUCN RED LIST
OF THREATENED SPECIES™

Number of Species approx.

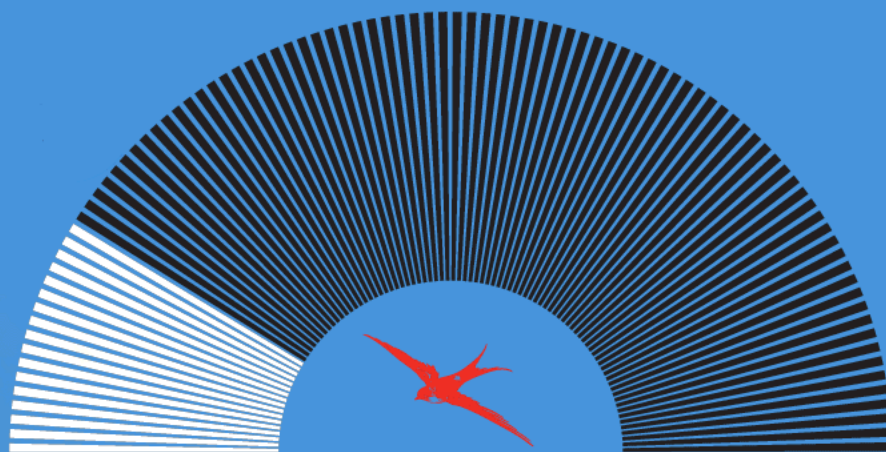
8,700,000



Known Species approx.
1,900,000



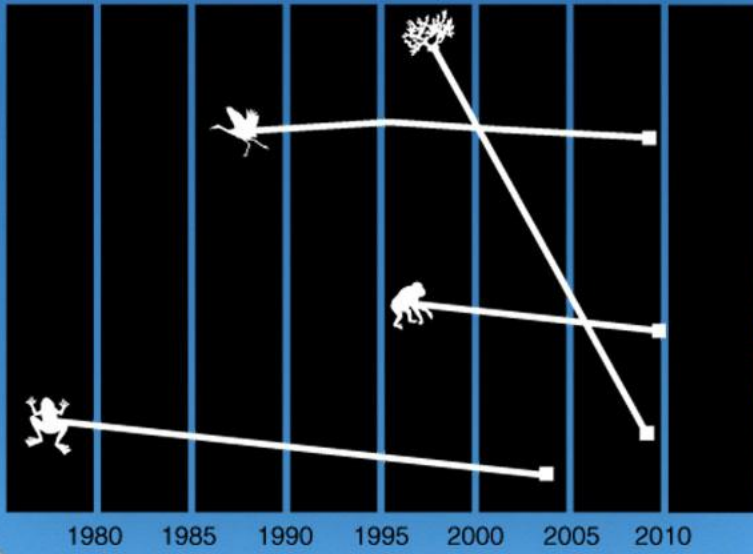
The IUCN Red List
covers around 3%
of all known species





Amphibians

BETTER
↑
↓
WORSE



Mammals

Corals



Birds

SOME NUMBERS TO KEEP IN MIND

- ¼ of Earth's land area is degraded
- 5.2 m. hectares of forests lost every year (12.8 m acres)
- Human population: 2015: 7.3 billion; 2050: expected 9.6 billion
- Urban population: 2015: 54%; 2050 expected: 66%
- 30% increase of GHG emissions: 1990-2010
- GDP: 2015: 60 trillion \$; 2050: estimated 200 trillion \$
- Demand for food by 2050 expected to double, & for energy to triple
- Etc.....

Nature Based Solutions

For global challenges:

- Climate change
- Food Security
 - Energy
- Development

\

Nature Based Solutions

Combining economic benefits with quality of life benefits:

- Degraded land restoration: 150 m ha by 2020 = 84b \$ /year livelihoods benefits
- Forests deliver 1630 b \$ / year to 1.6 b of World's poorest people
- Healthy coral reefs: 172m \$ / year tourism, coastal protection
- Protected areas supply freshwater to 1 in 3 of World's largest cities

Thank You

Nature is neither a victim nor is it an offender; nature is part of the solution.

Let us recognize Nature for what it truly is: a wise investment choice and a prerequisite for a peaceful and sustainable future.