UN Decade on Ecosystem Restoration 2021-2030

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On behalf of

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Director, Global Ecosystem Management Programme

IUCN Headquarters, Switzerland

THE RESTORATIVE
CONTINUUM
Improving biodiversity, ecological integrity, and ecosystem services

IUCN

UNITED NATIONS DECADE ON
ECOSYSTEM
RESTORATION
2021-2030

SER
SOCIETY FOR ECOLOGICAL RESTORATION

| REDUCING SOCIETAL IMPACTS | IMPROVING ECOSYSTEM MANAGEMENT | REPAIRING ECOSYSTEM FUNCTION | INITIATING NATIVE RECOVERY | PARTIALLY RECOVERING NATIVE ECOSYSTEMS | FULLY RECOVERING NATIVE ECOSYSTEMS |

REDUCED IMPACTS

REMEDIATION
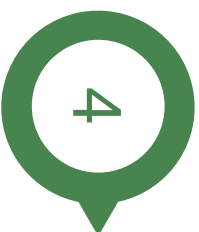
REHABILITATION

ECOLOGICAL RESTORATION

Gann et al 2019.

Consistency of Approach – Principles of Ecosystem Restoration

IUCN

1 Inclusive and participatory governance, social fairness, and equity

2 Includes a continuum of restorative activities.

3 Aims to achieve the highest level of recovery possible for ecosystem health and human wellbeing.

4 **Addresses drivers** of ecosystem degradation

5 Incorporates **all types of knowledge** and promotes their exchange throughout the process.

6 Tailored to the local context, while considering other scales and contexts

7 Is based on well-defined short- and long-term ecological and socioeconomic objectives and goals.

8 Monitoring, evaluation, and **adaptive management** throughout

9 Integrates policies and measures to ensure long-term success

UNITED NATIONS DECADE ON ECOSYSTEM RESTORATION 2021-2030

Developed by the Task Force on Best Practices under the Decade on Ecosystem Restoration – currently under review

Communities of Action for Scale

- +17,000 volunteer experts
- +160 countries
- +120 thematic/specialist areas
- +1,400 **Members**

IUCN

CEC — Commission on Education and Communication

SSC — Species Survival Commission

CEM

World Commission on Environmental Law
Commission Mondiale du Droit de l'Environnement | Comisión Mundial de Derecho Ambiental

CEESP

WCPA — WORLD COMMISSION ON PROTECTED AREAS

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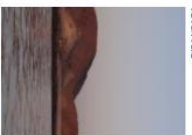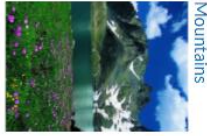| Agro-Ecosystems | Arctic | Coastal and Marine |
Deep Sea Mining	Desert and Oasis	Dryland
Forests	Holarctic Steppes	Islands
Mediterranean	Mountains	Peatlands

The Decade Science Taskforce

Luc Gnacadja, Chair
President GPS-Dev
Past Executive Secretary of the UNCCD (2007-2013), Minister of
Environment and Urban Development (Benin, 1999-2005)

Angela Andrade
Chair of the IUCN
Commission on
Ecosystem
Management

Mike Acreman
UK Centre for
Ecology &
Hydrology

Gam Shimray
Secretary-General,
Asia Indigenous
Peoples Pact

**Bernardo
Strassburg**
Executive Director,
International
Institute for
Sustainability

**Priya
Shyamsundar**
Lead Economist,
The Nature
Conservancy

James Kairo
Chief Scientist,
Kenya Marine and
Fisheries Institute

Commitments (million hectares)

- <1
- 1-5
- 5-10
- 10-15
- <15

Source: adapted from Gozde Saral IUCN, 2020. Bonn Challenge — IUCN, ArcGIS HUB. Conforms to Map No. 4170 Rev. 19 UNITED NATIONS (October 2020)
Note: The map represents 74 pledgers from 61 countries, 8 states and 5 associations covering a total of 210 million ha.

0   1,250   2,500   5,000 Kilometers
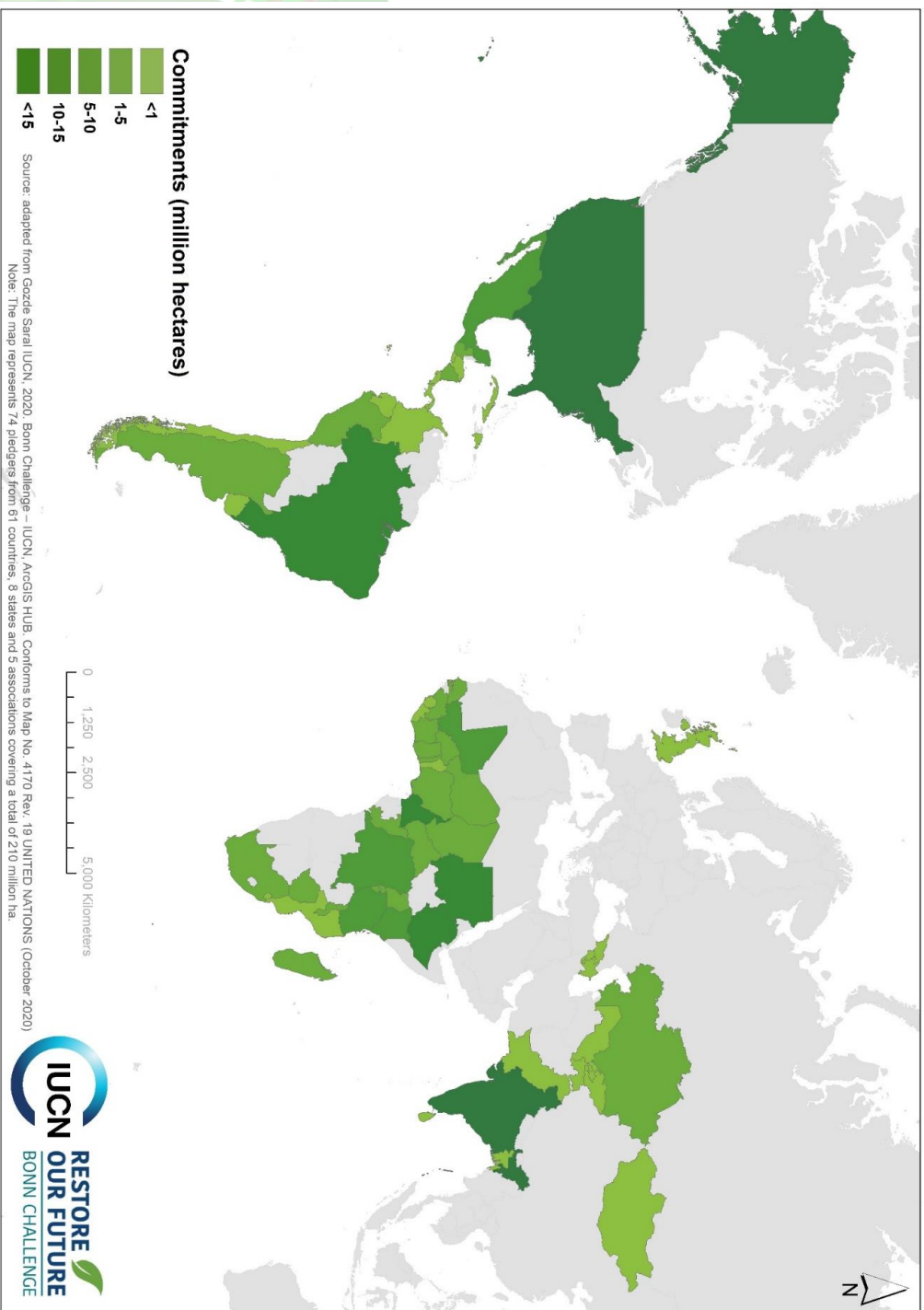
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RESTORE
OUR FUTURE
BONN CHALLENGE

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RESTORE
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Since 2011
74
countries, states
and associations
have taken up the
Bonn Challenge.

210 million ha
committed to the world's largest
forest landscape restoration
initiative.

Forest landscape restoration (FLR)

Natural regeneration

Silviculture

Agroforestry

Planted forest and woodlots

Improved fallow

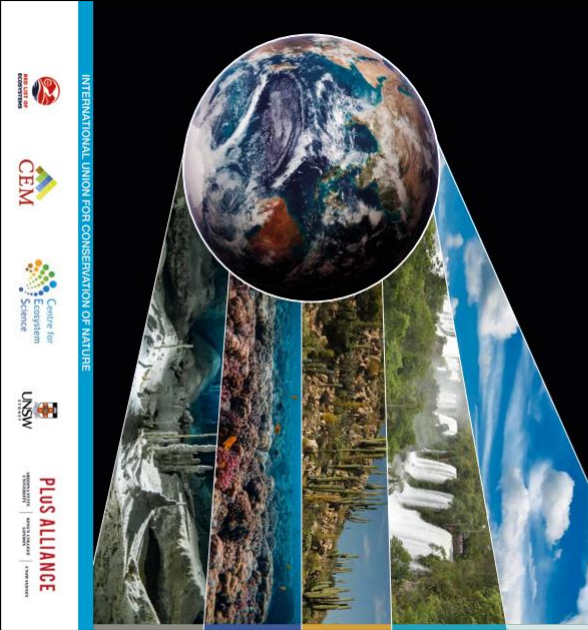Mangrove restoration

Watershed protection and erosion control

Scientific Leadership – Consistency across Ecosystems

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IUCN Global Ecosystem Typology 2.0
Descriptive profiles for biomes and ecosystem functional groups

David A. Keith, José R. Ferrer-Paris, Emily Nicholson and Richard T. Kingsford (editors)

INTERNATIONAL UNION FOR CONSERVATION OF NATURE

PLUS ALLIANCE

RED LIST OF ECOSYSTEMS

Threatened

Ecosystems

- NE — Not Evaluated
- DD — Data Deficient
- LC — Least Concern
- NT — Near Threatened
- VU — Vulnerable
- EN — Endangered
- CR — Critically Endangered
- CO — Collapsed

Collapse Risk

Structure of the IUCN Red List of Ecosystems categories.

THE BONN CHALLENGE BAROMETER

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