



**CALLANZ**  
Conservation Across Large Landscapes  
Australia New Zealand

# CALLANZ Providing Natural Solutions through Connectivity

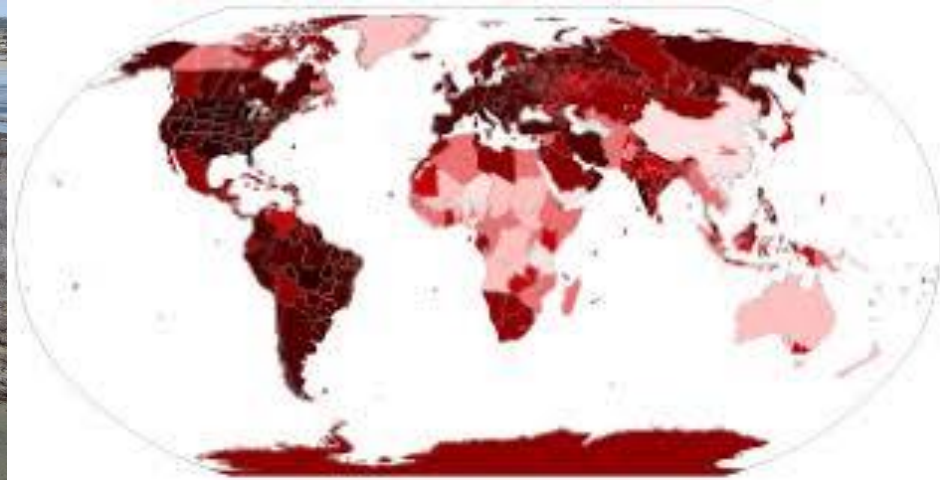
Penelope Figgis AO

Vice Chair Oceania IUCN World Commission o Protected  
Areas

# The confluence of Crises

*“The imperative to attain genuine sustainability is not new, it is embedded in the **UN Sustainable Development Goals** and many other charters. However accelerating **climate change** related disasters, the unprecedented **global pandemic**, the **rapid decline of the ecosystems and species** of the earth, have strengthened the understanding that the future of humanity must be one which responds vigorously to these combined threats. We must move rapidly to zero emissions, protect and restore our natural systems and embed into all policy our fundamental reliance on an ecologically healthy planet.”*

Dr Kathy MacKinnon IUCN World Commission on Protected Areas



# Nature's Future, Our Future, The World Speaks-

Finally key institutions & global voices are 'connecting the 'dots'

- **António Guterres, Director General, United Nations**
- **“Making peace with nature is the defining task of the 21st century, it must be the top, top priority for everyone, everywhere.”**
- **World Health Organisation**
- **“Protect and preserve the source of human health: Nature.”** An open letter to the G20 leaders from over **40 million health professionals** also urged for a healthy recovery from COVID-19 where **nature is thriving**. A healthy recovery, the letter states, needs to double down on pollution, climate change and deforestation, in order to prevent “unleashing new health threats upon vulnerable populations”.
- **United Nations Decade of Restoration**
- **“There has never been a more urgent need to **restore damaged ecosystems** than now. Ecosystems support all life on Earth. **The healthier our ecosystems are, the healthier the planet - and its people**. The UN Decade on Ecosystem Restoration aims to prevent, halt and reverse the degradation of ecosystems on every continent and in every ocean. It can help to end poverty, combat climate change and prevent a mass extinction. It will only succeed if everyone plays a part.”**
- **G7 Ministers Meeting May 21** **“We commit to champion ambitious and effective global biodiversity targets, including **conserving or protecting at least 30 percent of global land and at least 30 percent of the global ocean by 2030** .....through effectively and equitably managed, ecologically representative and **well-connected systems of protected areas**”**
- <https://www.iucn.org/news/protected-areas/202102/natures-future-our-future-world-speaks>

# Drivers of Nature Based Solutions

- Nature based solutions(NBS) are seen as the primary response:
- NBS will be central to the agendas of :
- Green Recovery approaches e.g EU Green Deal
- IUCN World Congress e.g. sustainable agriculture
- UN Convention on Biological Diversity 2030 targets
- Glasgow Climate Change Conference UNFCCC
- **The UN Decade of Restoration**
- *“Nature-based solutions for climate harness the power of nature to reduce greenhouse gas emissions and also help us adapt to the impacts of climate change. They are win-win solutions that involve protecting, restoring and sustainably managing ecosystems to address society's challenges and promote human well-being.”(WWF).*
- Some NBS for climate change & biodiversity and other benefits include protection, recovery & management of forests, peatlands, soils, rivers, wetlands, woodlands, mangroves, saltmarshes, seagrasses and coral reefs.



# CALLANZ and Nature Based Solutions

- IUCN Conserving Connectivity & OECM Best Practice Guidelines are useful documents which support “*the need to connect protected areas and other effective area based conservation measures into large scale ecological networks*”
- GER, Gondwana & Reconnecting Northland are such large scale initiatives and in building these & other networks we can mobilise NBS by:
  - Targeting large scale biodiversity rich areas(KBAs)with high carbon mitigation
  - Targeting refugia for adaptation resilience
  - Creating critical linkages to address fragmentation of ecosystem function
  - Stimulating ecoagriculture & other innovations on production lands
  - Creating partnerships for cross tenure threat management
  - Seeking innovative, inclusive governance with all sectors
  - Promoting good news with public & government

