Restoring landscapes - governing place

Scaling up - Applying lessons learned

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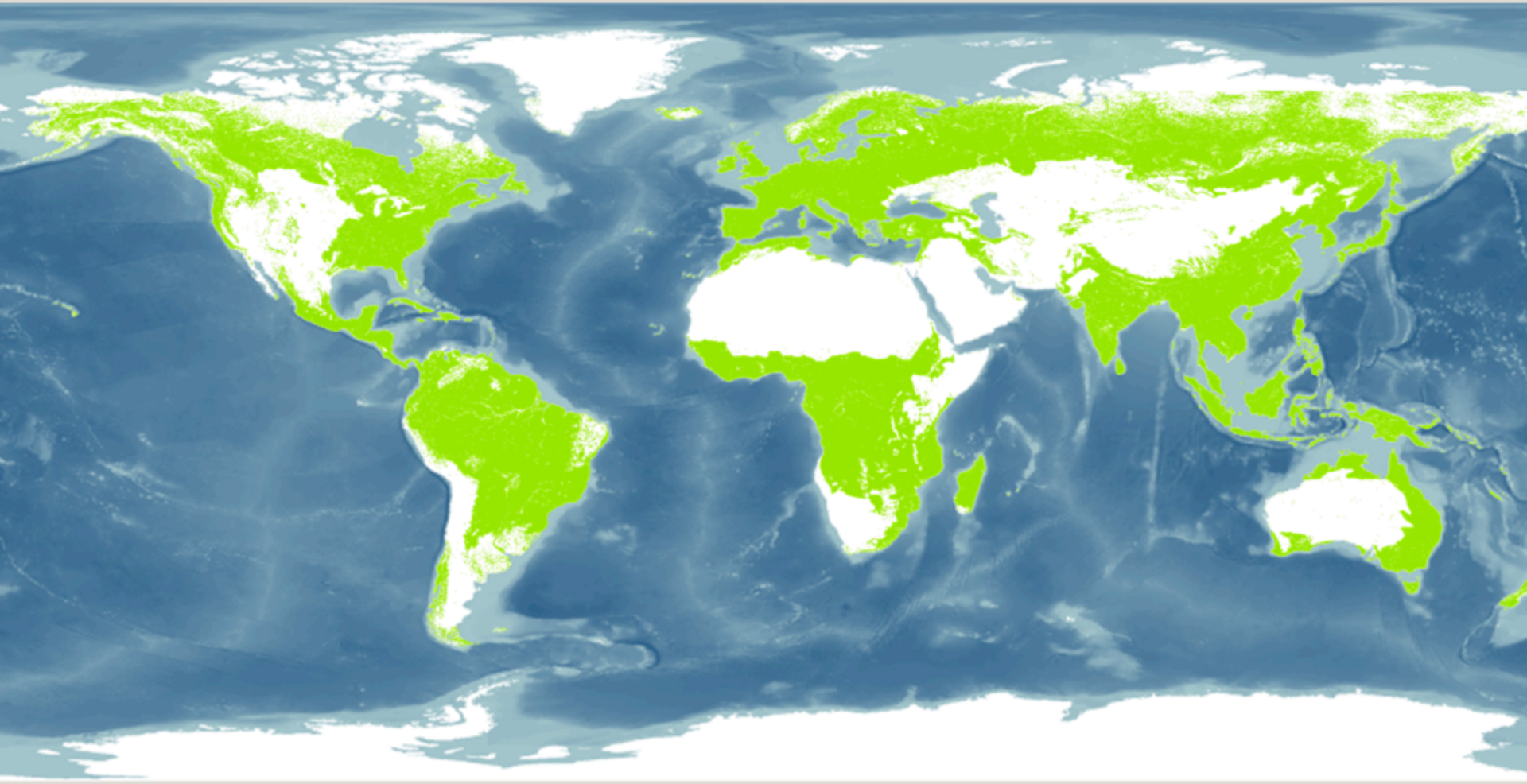
(Frank Newbould, World War II. Copied from Simon Schama's Landscape & memory)

Disconnection between nature and people

- Natural disaster
- Human intervention
  - Demographic change
  - Agricultural production
  - Direct foreign investment
  - Urbanization
  - Mobility
  - Unsustainable behaviour

The World's Forests

Remaining and Lost

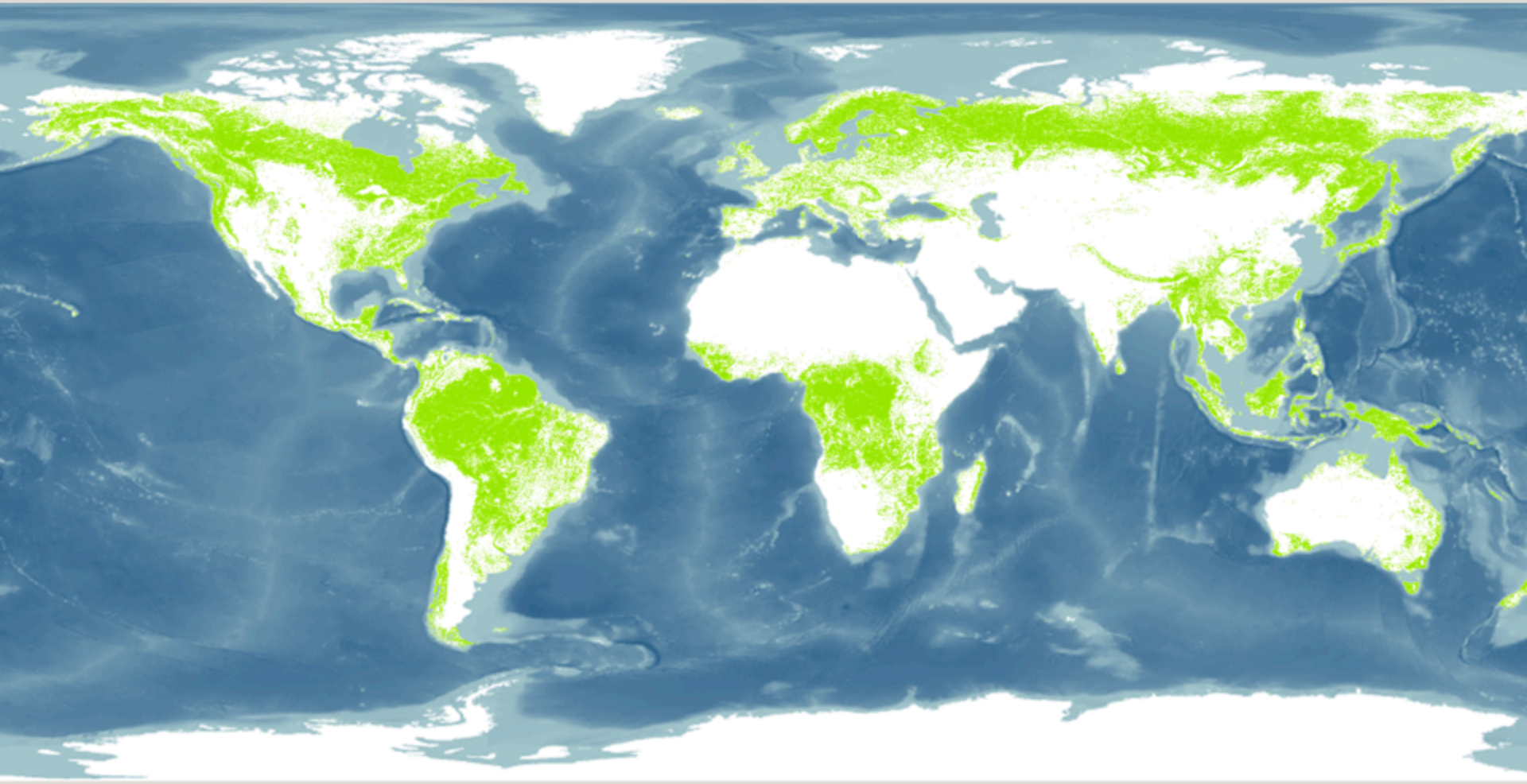


WRI-GPFLR, 2010

Original forest cover

The World's Forests

Remaining and Lost

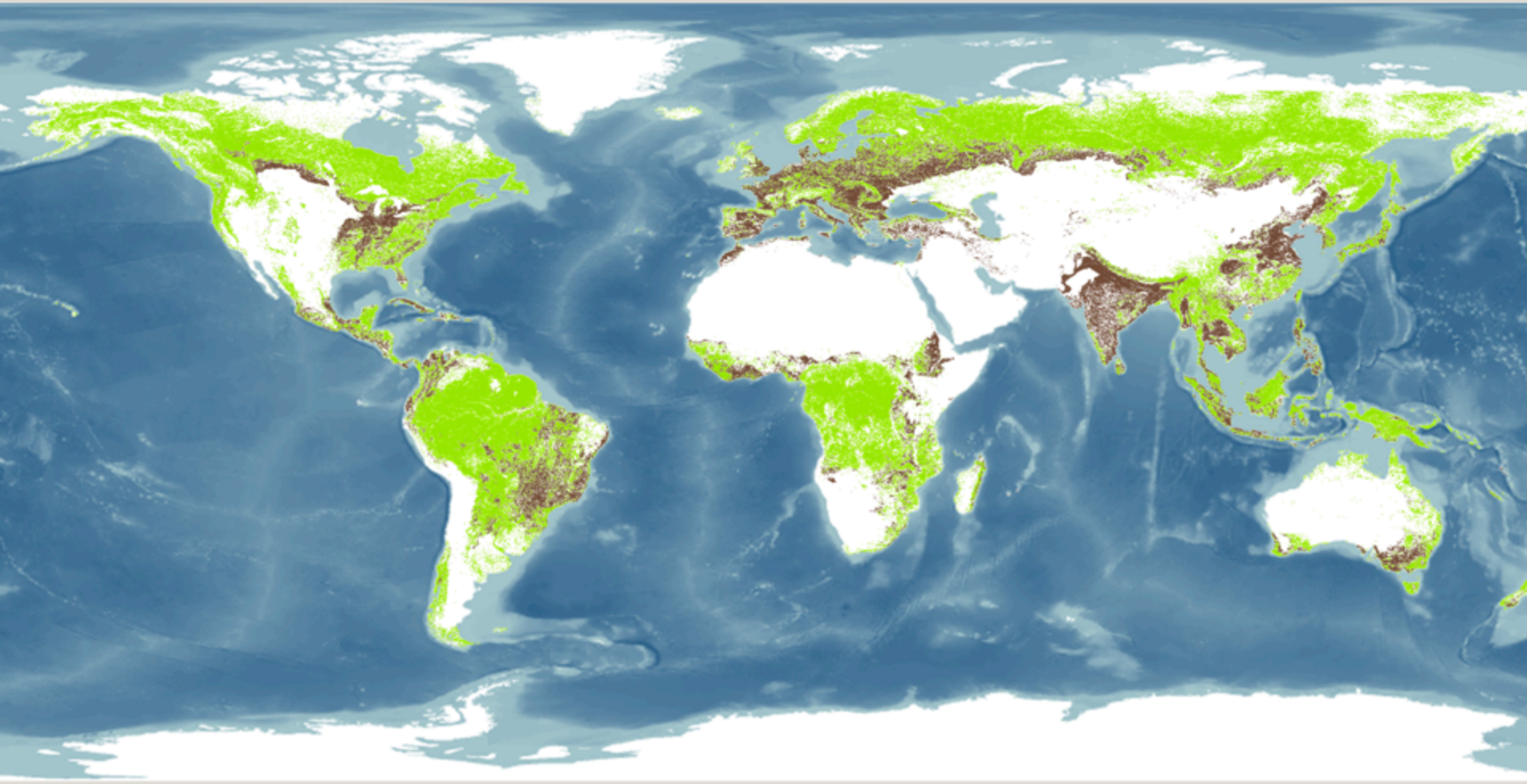


WRI-GPFLR, 2010

Current forest cover

The World's Forests

Remaining and Lost



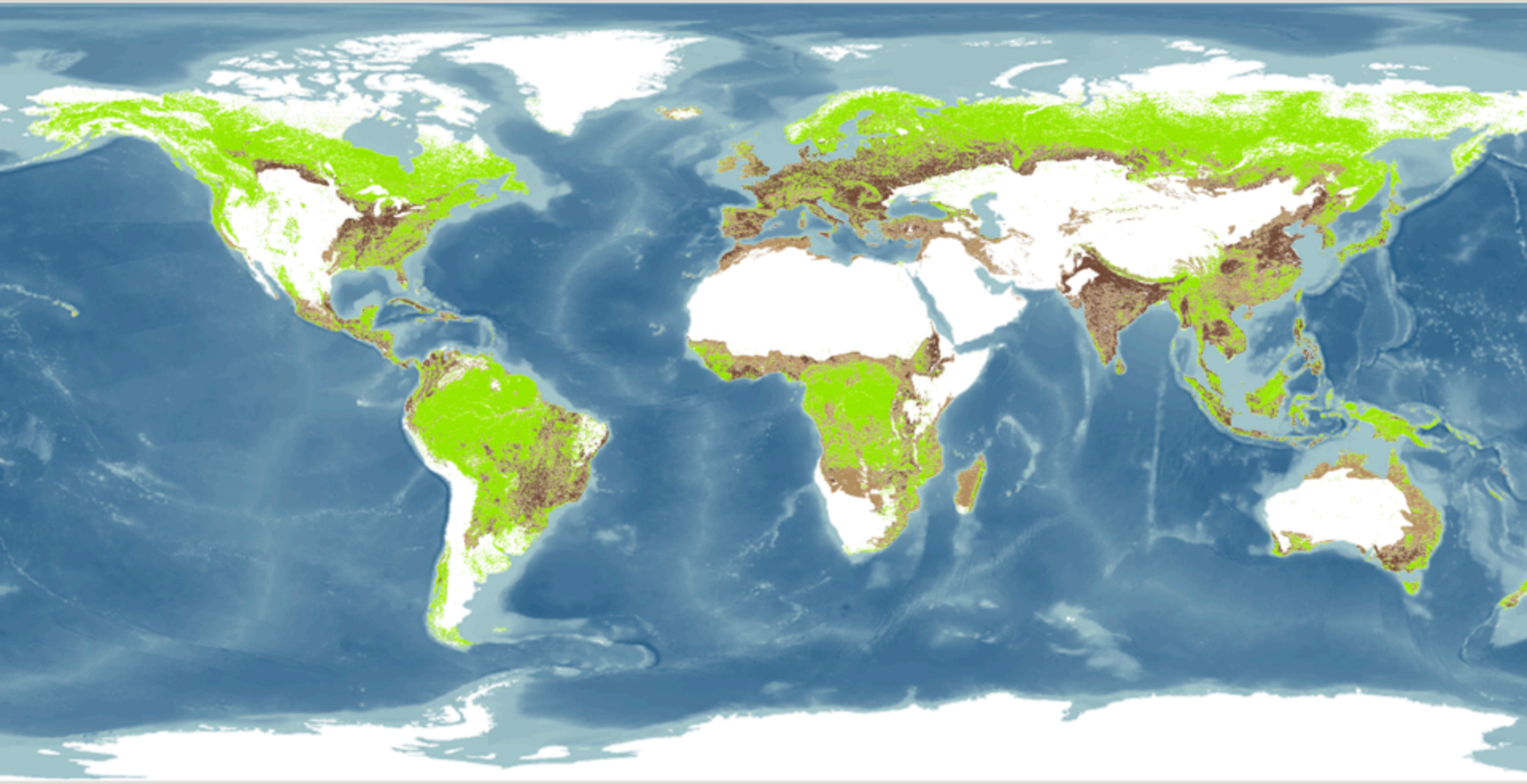
WRI-GPFLR, 2010

Formerly forest, now croplands

Current forest cover

The World's Forests

Remaining and Lost



Current forest cover

Formerly forest, now croplands

Formerly forest, now pasture

Can this destructive process be reversed?

- Great potential for restoration at landscape scale
  (app. two billion hectares, WRI, 2011)
- *'Ideas transform landscapes...'*
- A world of opportunity

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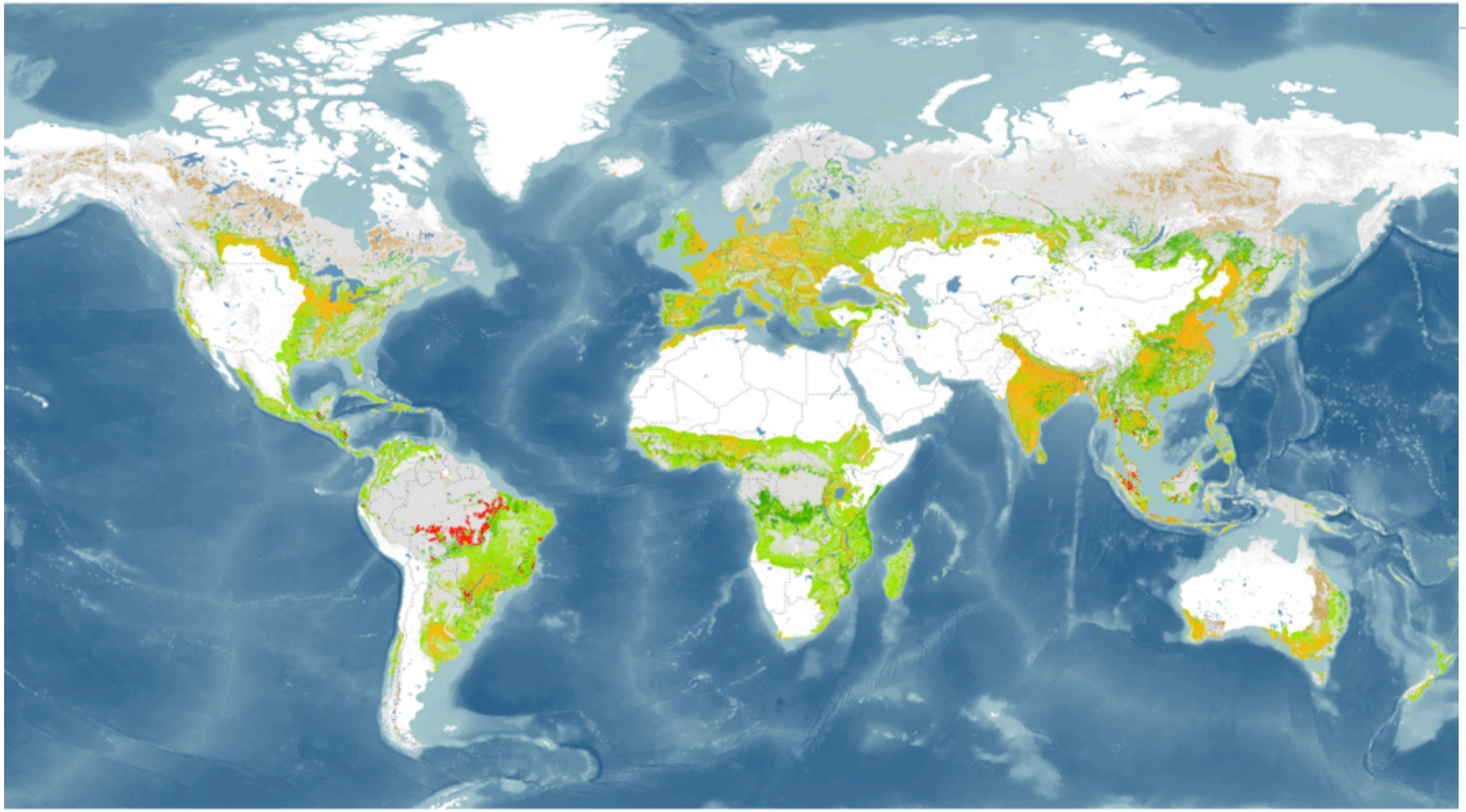
BONN CHALLENGE
on forests, climate change and biodiversity 2011

A World of Opportunity
for Forest and Landscape Restoration



FOREST AND LANDSCAPE RESTORATION OPPORTUNITIES
- Wide-scale restoration
- Mosaic restoration
- Remote restoration

OTHER AREAS
- Agricultural lands
- Recent tropical deforestation
- Urban areas
- Forest without restoration needs

THE GLOBAL PARTNERSHIP ON FOREST LANDSCAPE RESTORATION · WORLD RESOURCES INSTITUTE · South Dakota State University · IUCN · Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit · PROFOR · Forestry Commission

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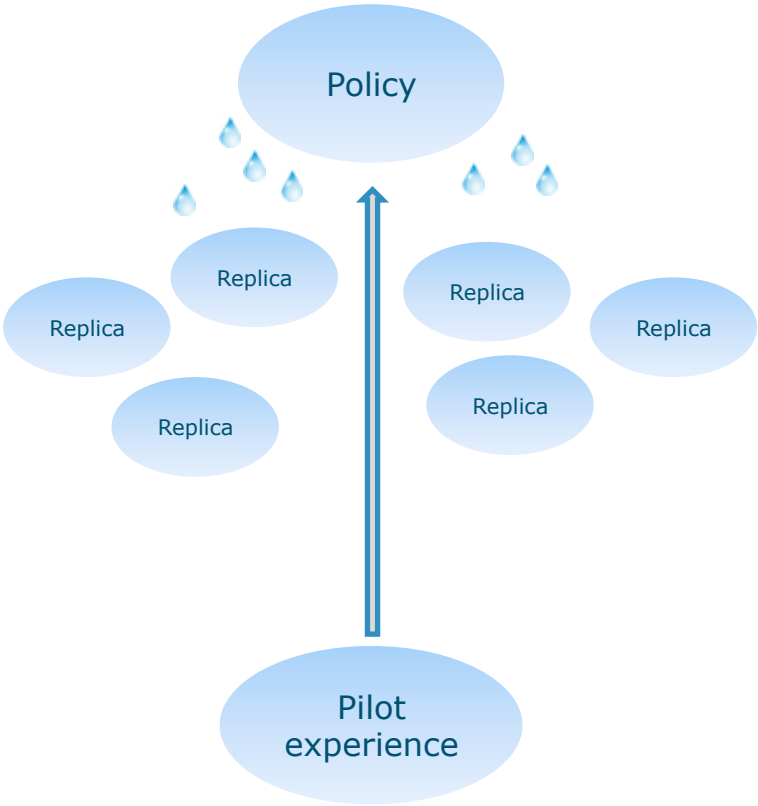
Why don’t we do this on a global scale?

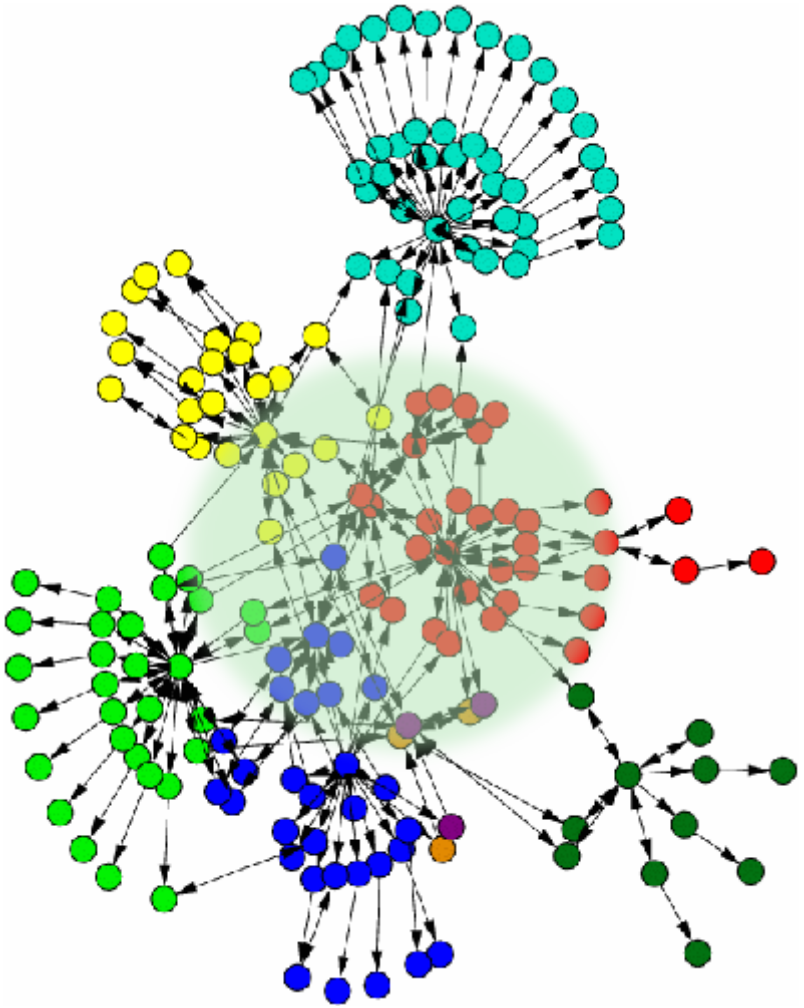
- Transfer of technology
- Transfer of capital
- Empowerment of people?



What we have learned...

- Landscapes are complex spatial units...
- Cultural, historic or aesthetic sceneries (Wikipedia)
- Heterogeneous land forms and land uses (Urban, 1987)
- Pieced together to a landscape-level patchwork (Guilmour, 2008)
- Crossroad of social networks, across levels and scales (Görg, 207)
- Despite globalization, place matters (Massey, 2005)
- Sense of belonging, collective identity (Taylor, 2008)
- Strengthened through dialogue, stories, symbols (Turnhout, 2011)
- Collaborative learning & action (Wenger, 2005, Wals, 2010)

Landscapes as multi-scale networks



What we have also learned...

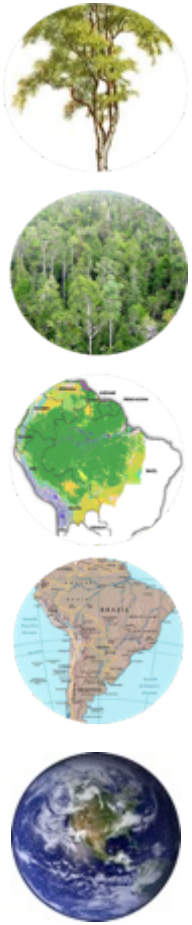
- Landscapes are complex governance units
- Multiple stakeholders, multiple interests
- Conflicting interests, competing claims
- Negotiated decision-making
- Across administrative & political scales
- Few institutions/governance arrangements at landscape level
- Though place matters, scale decides (Swyngedouw, 1997)

Scaling

Governance scale

- Community
- District
- Province
- Country
- Region
- World

Bio-geographical scale



Relational scale

- Family
- Kin/peer
- Society
- Trans-society

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Free after: WUR IP/OP Scaling in Governance, 2009

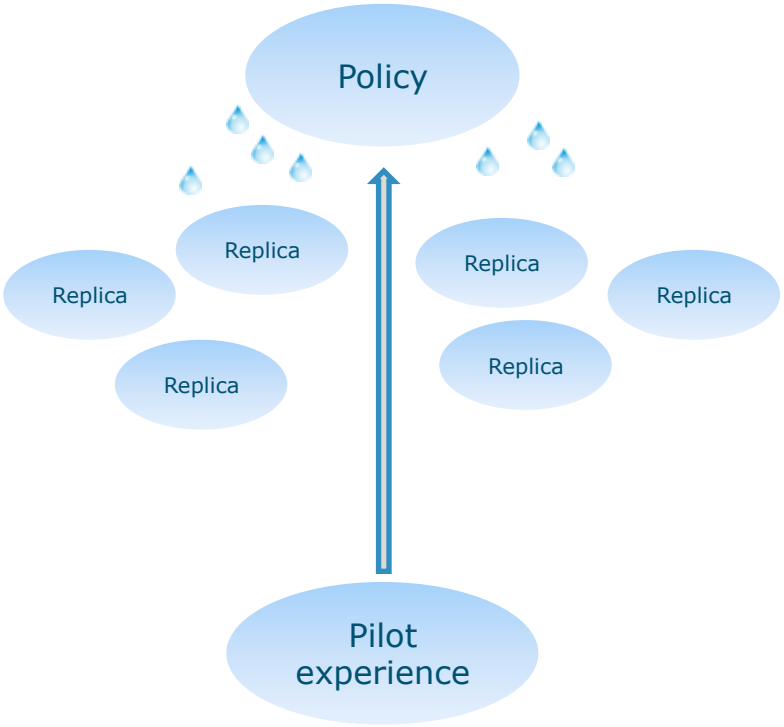
Spatialization of governance

- Reconnecting politics to place
- Reconnecting citizenship to place
- Environmental citizenship
- No re-scaling of governance
- ‘Politics of scale’ (Görg, 2007)

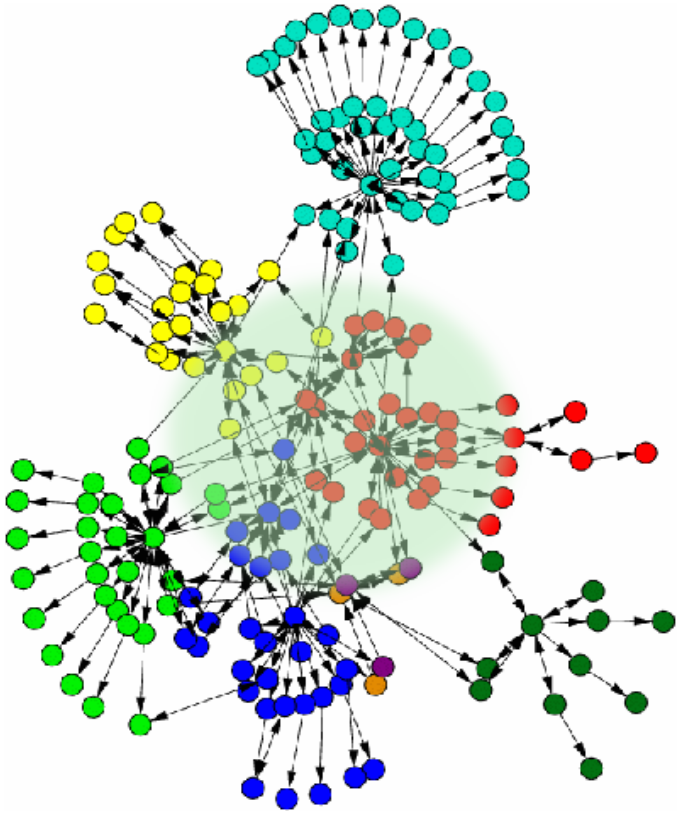
Landscape governance – politics of scale

- Multiple scale networks, rooted in place
- Arena for negotiation, conflict mediation and dialogue
- Beyond formal governance structures
- Institutions & arrangements across boundaries and scales
- Landscape learning

Two ways to “scale up”



Scale up – trickle down
‘What happens when policy hits the ground?’



Multiple-scale networks
‘When practice shapes policy’

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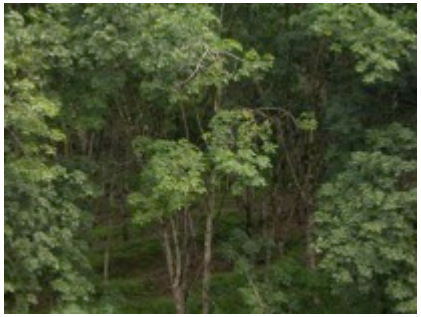
Example: Southwest Amazonia

MAP

MADRE DE DIOS ACRE PANDO



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What we have learned...

- Diverging interests, shared identity, common concern
- Collaborative learning, collective action, 'making place'
- Landscape institutions & governance arrangements across boundaries and scales
- Ability to respond to new economic opportunities
- Technology/capital transfer through collaborative learning
- Restoration as a result

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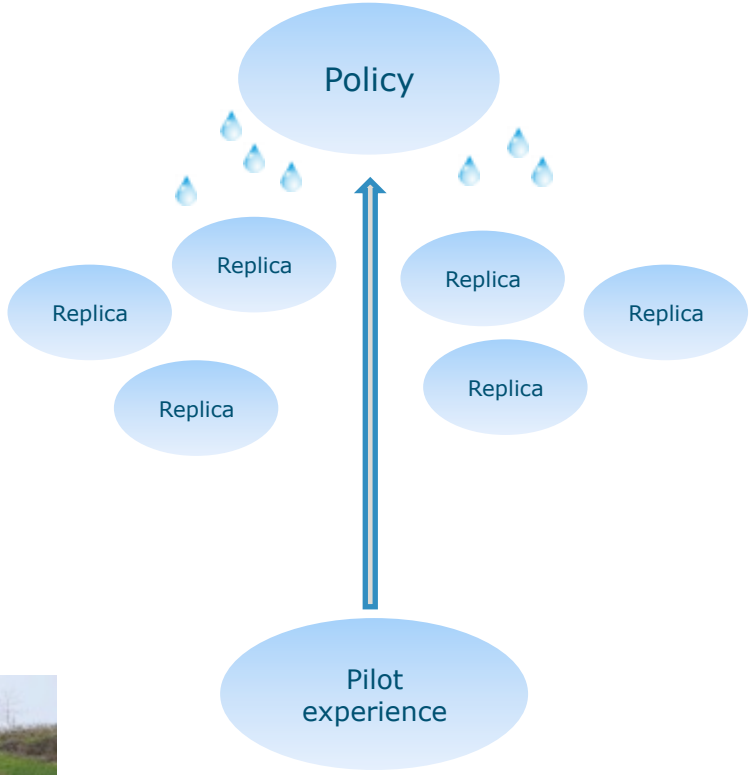
MAP
MADRE DE DIOS ACRE PANDO

Scaling up – applying lessons learned

- Invest in pilot projects
- Technological transfer
- Capital investment
- Scaling up
- Trickling down



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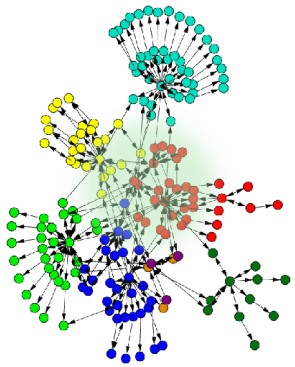
Linking and learning: a network approach

- Find examples of landscape governance in practice
- Strengthen landscape institutions, build capacities, foster inclusive decision making, trigger collective action
- Create conditions for sustainable investments
- Identify critical factors of success, and build upon
- Intra- and inter-landscape learning



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GPFLR learning network

Intra- and inter landscape learning

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