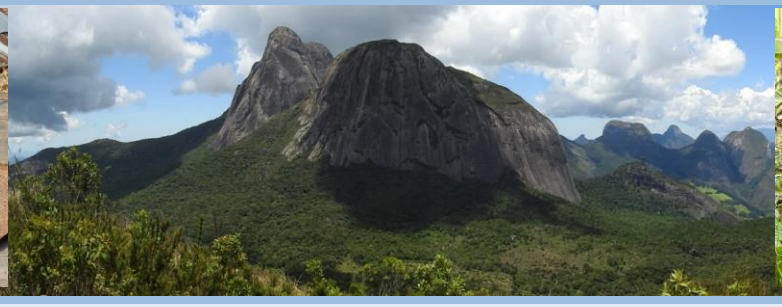
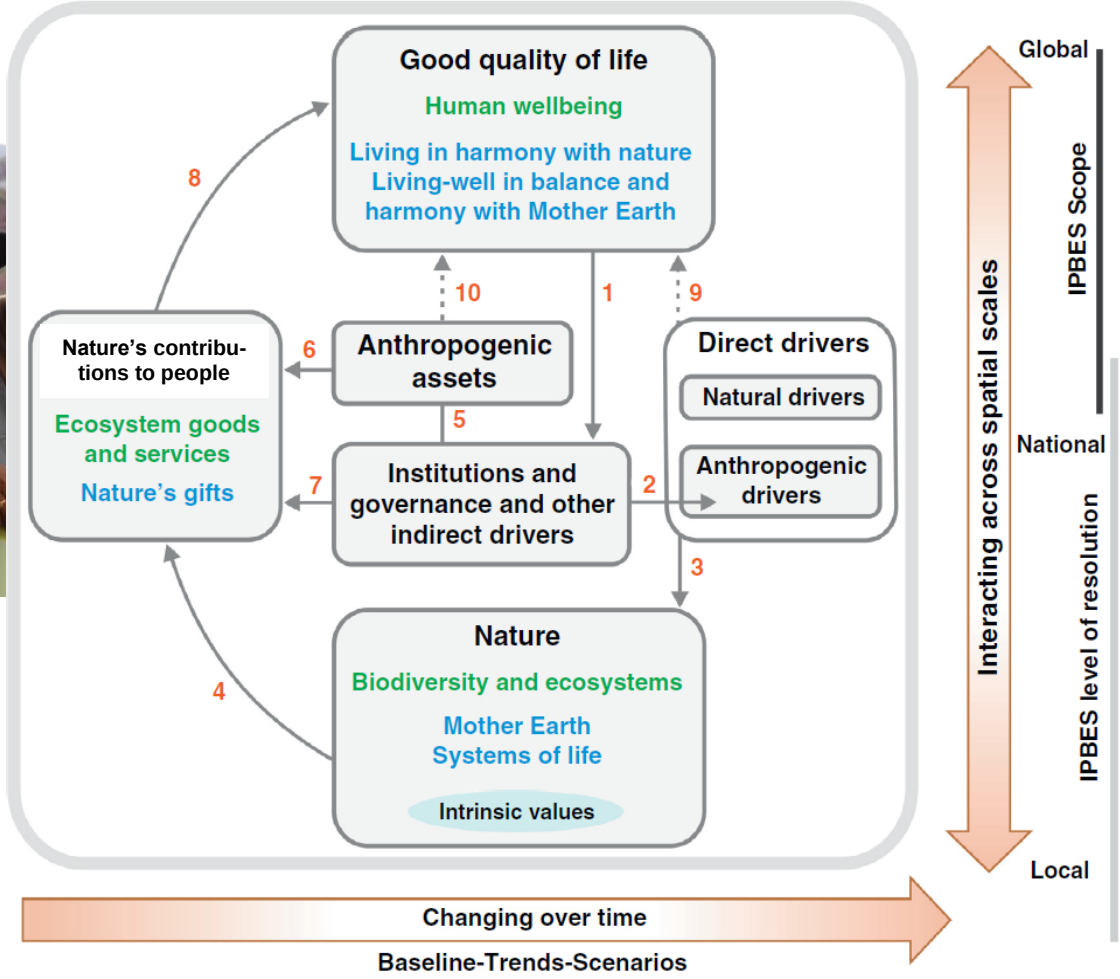
Towards biodiversity-related opportunities for sustainable livelihoods in mountains

Davnah Payne
(Mark Snethlage, Eva Spehn, Markus Fischer)
Global Mountain Biodiversity Assessment (GMBA)



People


Good quality of life
Human wellbeing
Living in harmony with nature
Living-well in balance and harmony with Mother Earth
Nature's contributions to people
Ecosystem goods and services
Nature's gifts
Anthropogenic assets
Direct drivers
Natural drivers
Anthropogenic drivers
Institutions and governance and other indirect drivers
Nature
Biodiversity and ecosystems
Mother Earth
Systems of life
Intrinsic values
1
2
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10
Interacting across spatial scales
Global
National
Local
IPBES Scope
IPBES level of resolution
Changing over time
Baseline-Trends-Scenarios

Biodiversity

Background

Material wellbeing

Health

Social wellbeing

Security

Freedom of choice

Human wellbeing

Ecosystems services

Indirect drivers

Direct drivers

Biodiversity & ecosystems

- Climate
- Land use
- Invasive species
- Overexploitation
- Pollution

Ecosystems above the treeline

Mountain forest ecosystems

Open ecosystems below the treeline

Freshwater ecosystems

Highly modified ecosystems

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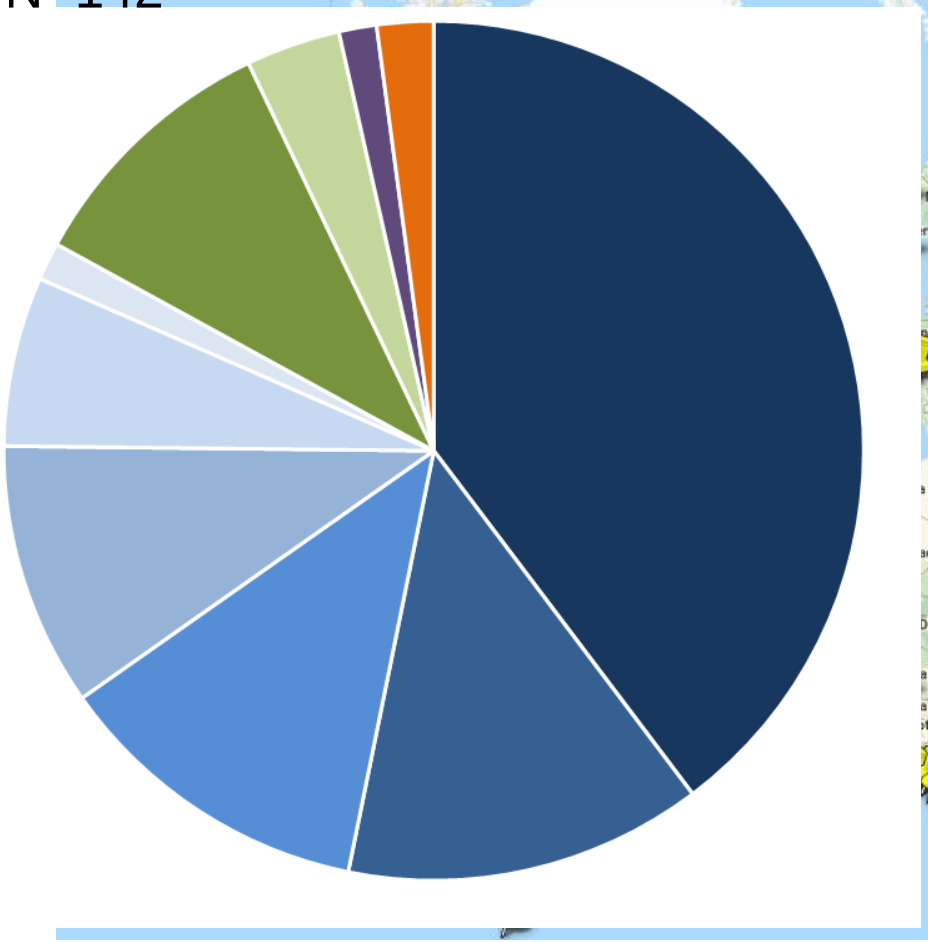
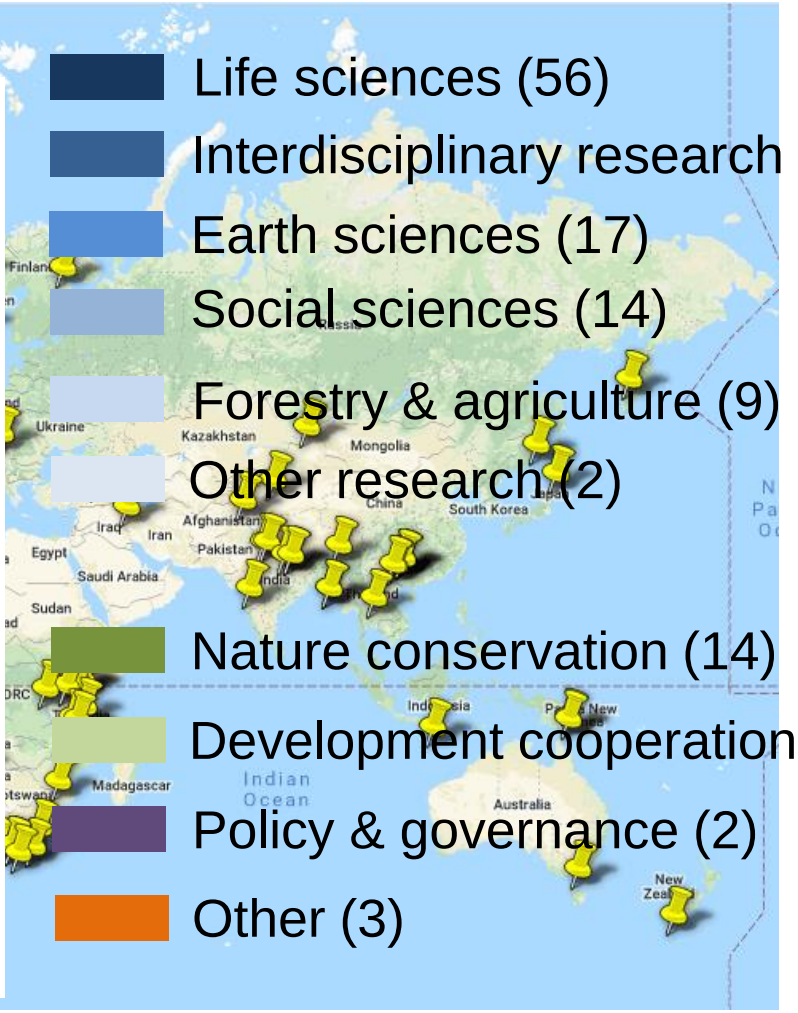
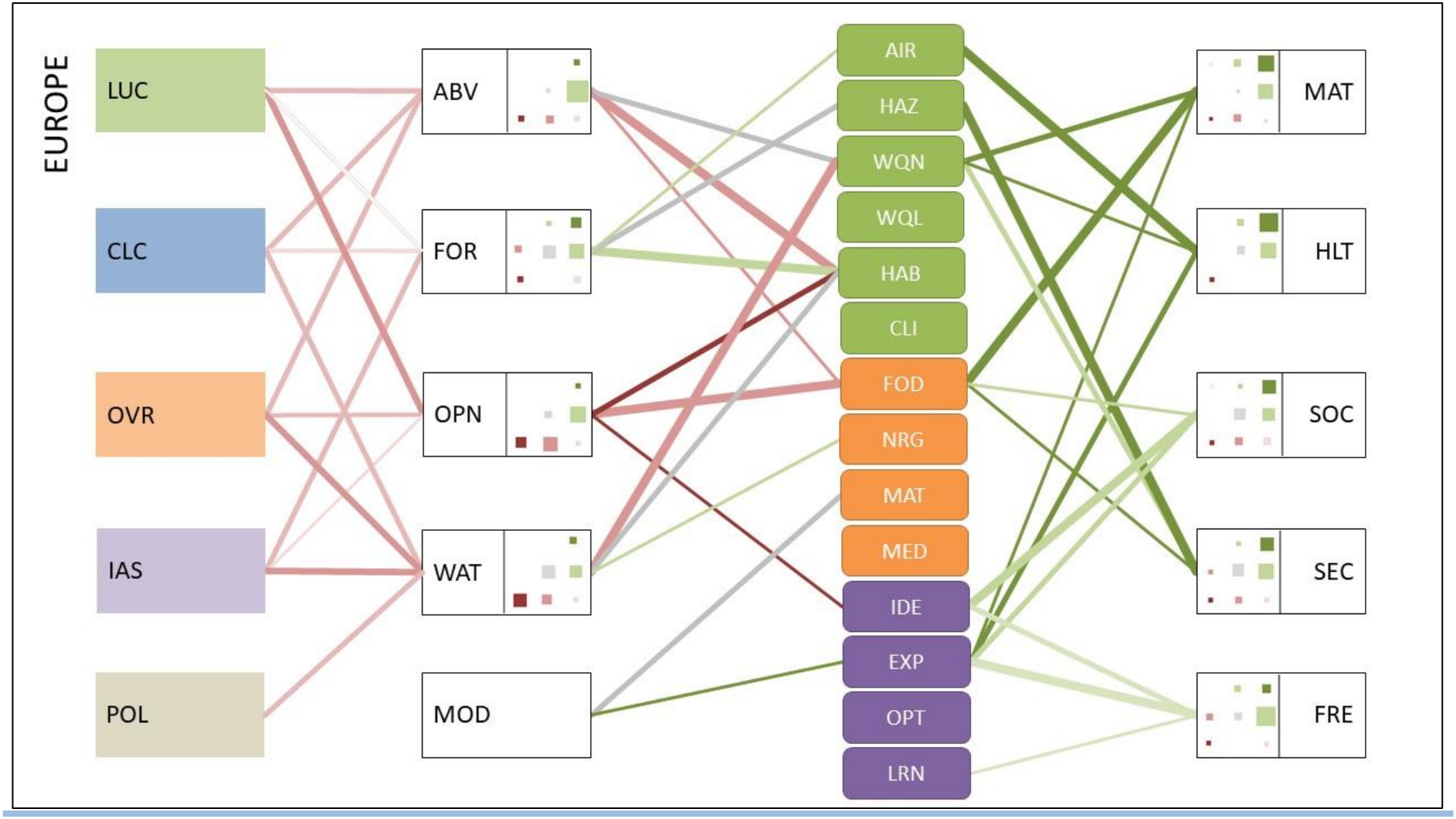




- Life sciences (56)
- Interdisciplinary research (19)
- Earth sciences (17)
- Social sciences (14)
- Forestry & agriculture (9)
- Other research (2)
- Nature conservation (14)
- Development cooperation (5)
- Policy & governance (2)
- Other (3)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GLOBAL MOUNTAIN BIODIVERSITY ASSESSMENT

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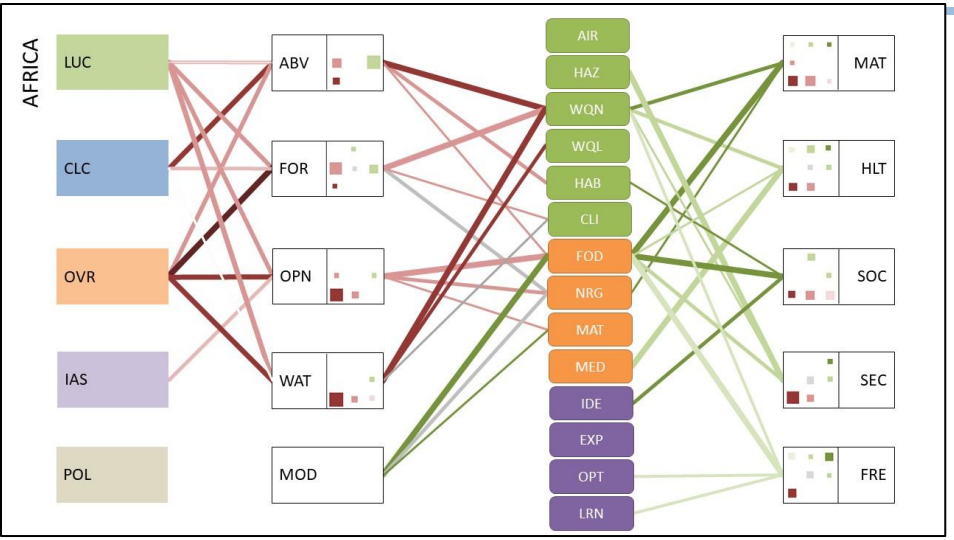
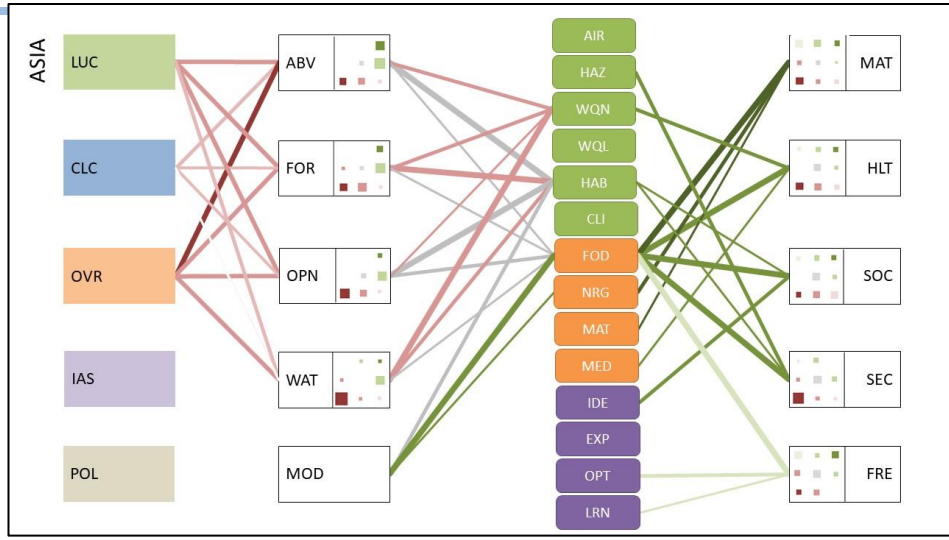
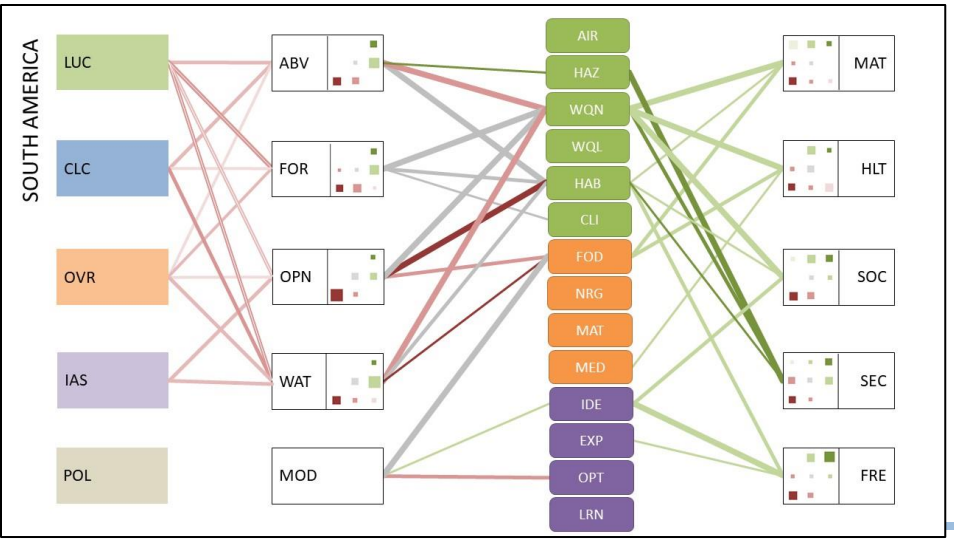
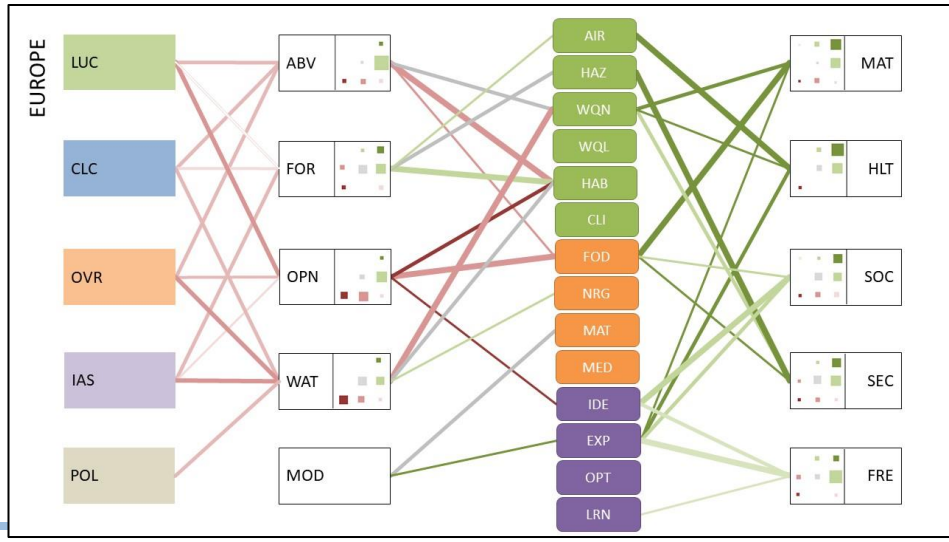








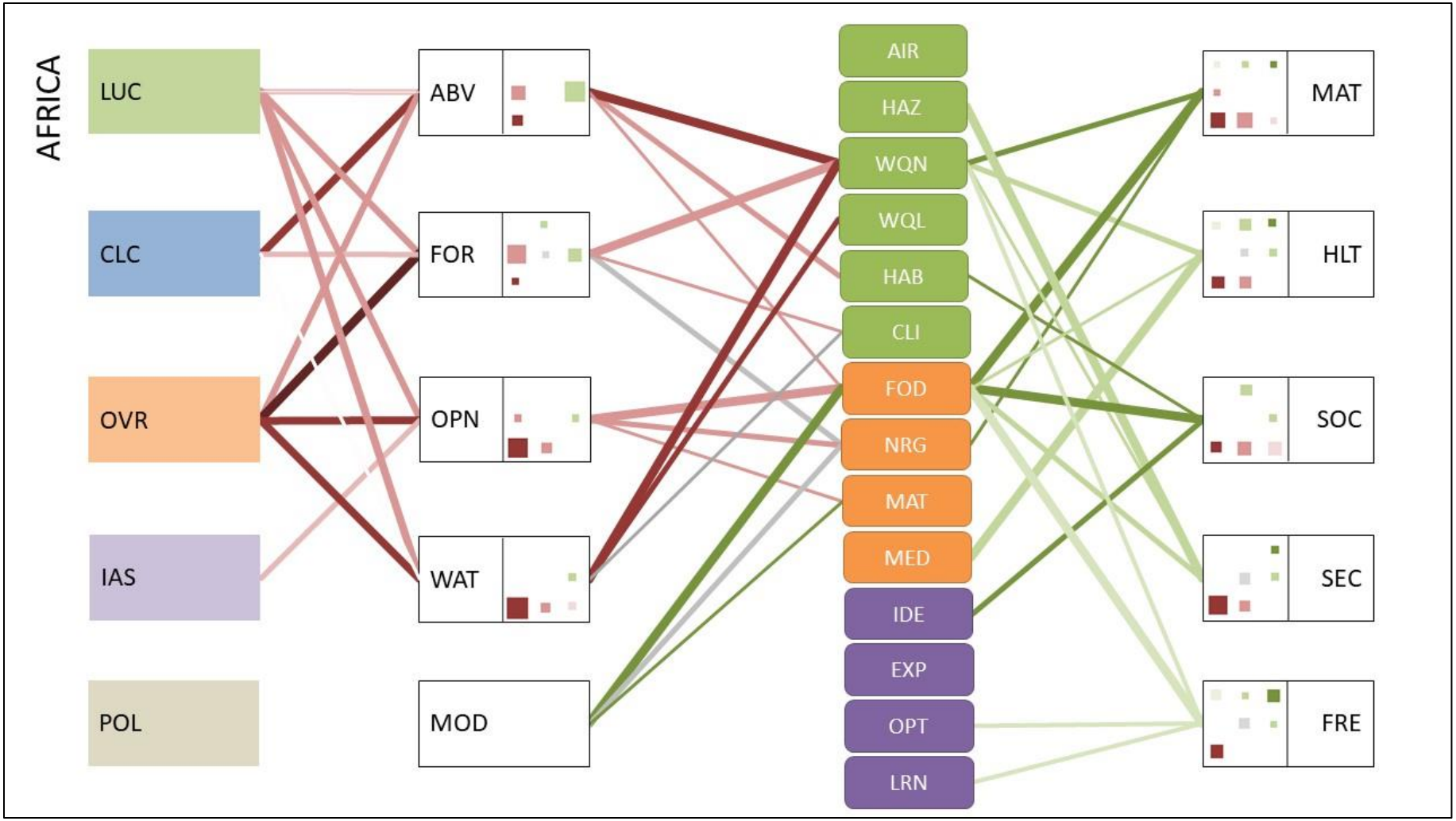
Mountain Biodiversity and the SDGs

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development and Cooperation SDC

Swiss Programme for Research on Global Issues for Development

FNSNF
Swiss National Science Foundation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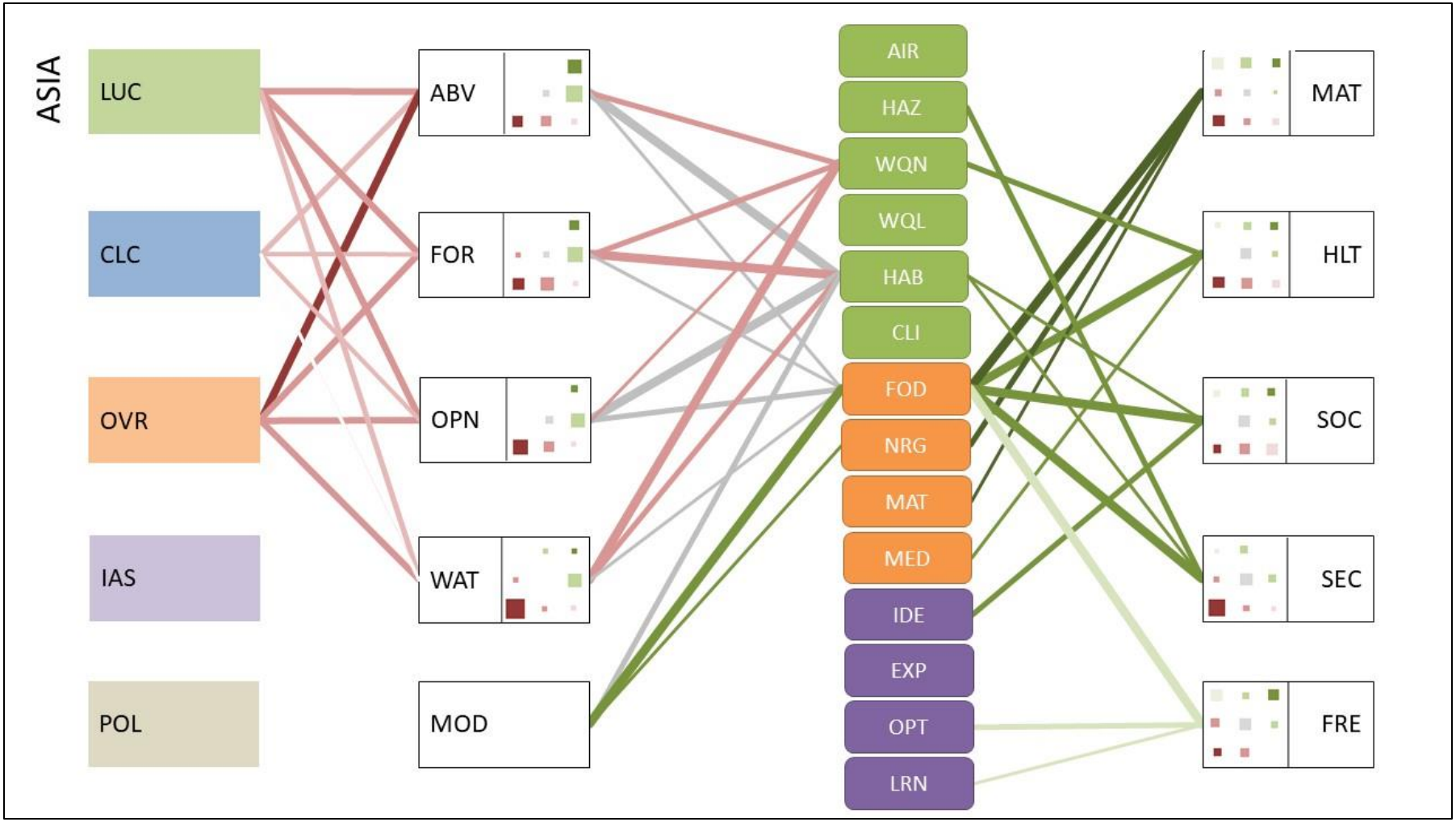
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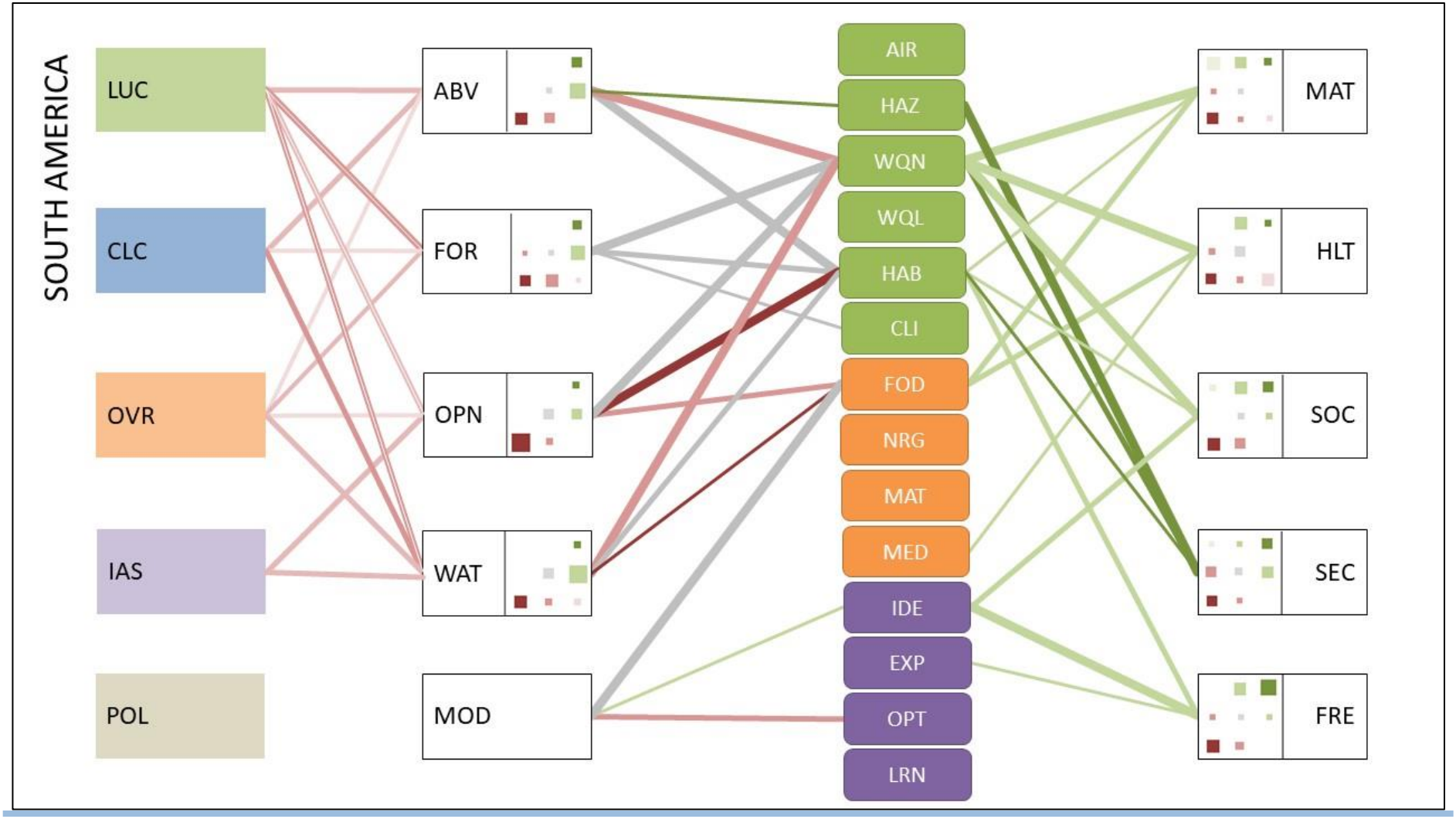
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