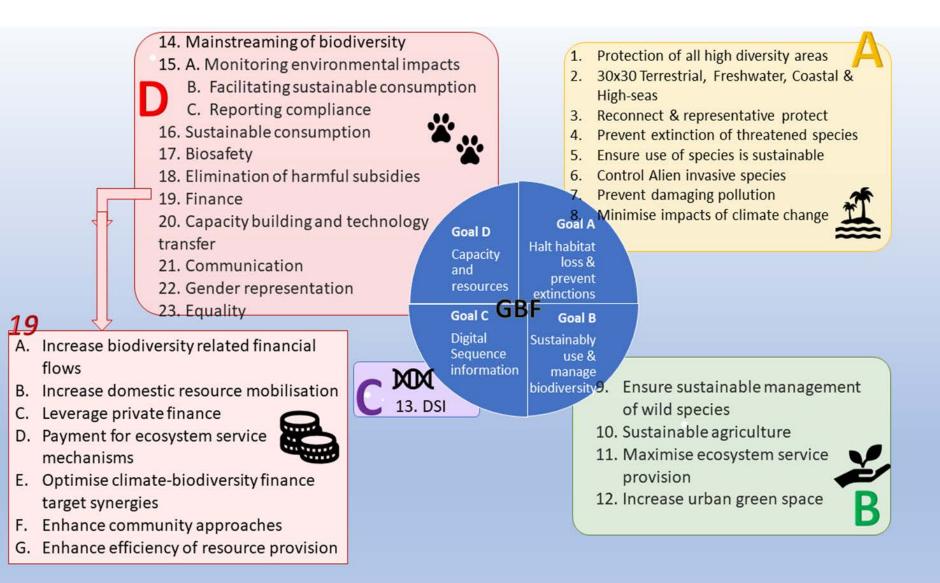
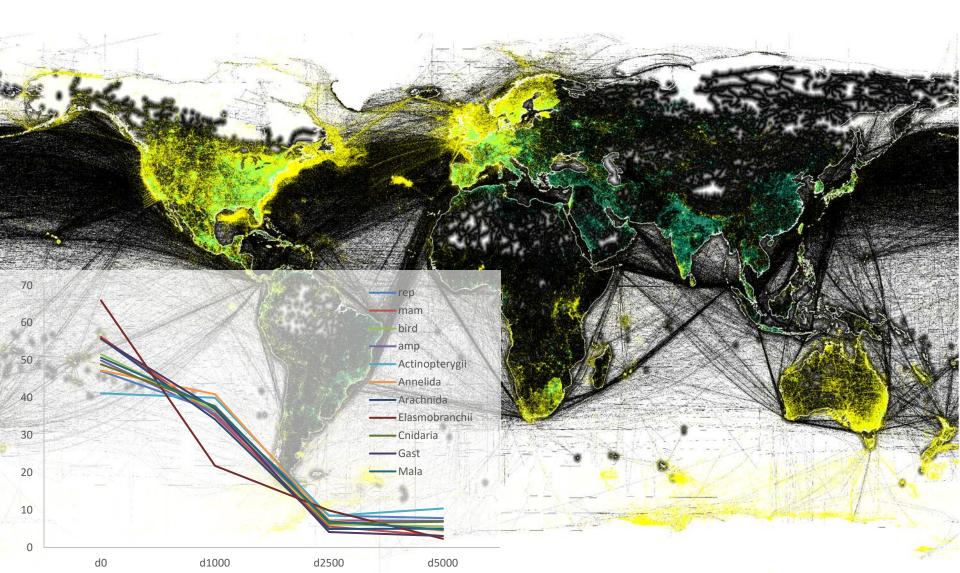
Science-based approaches for conservation prioritisation and target setting

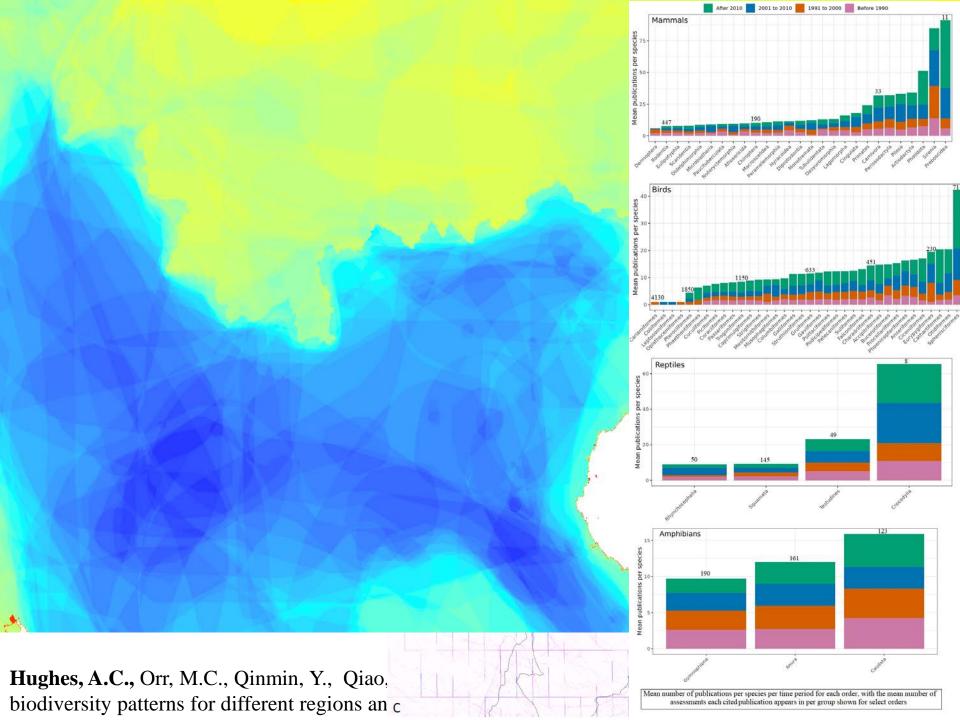
> Alice. C. Hughes University of Hong Kong

# Success will depend on data



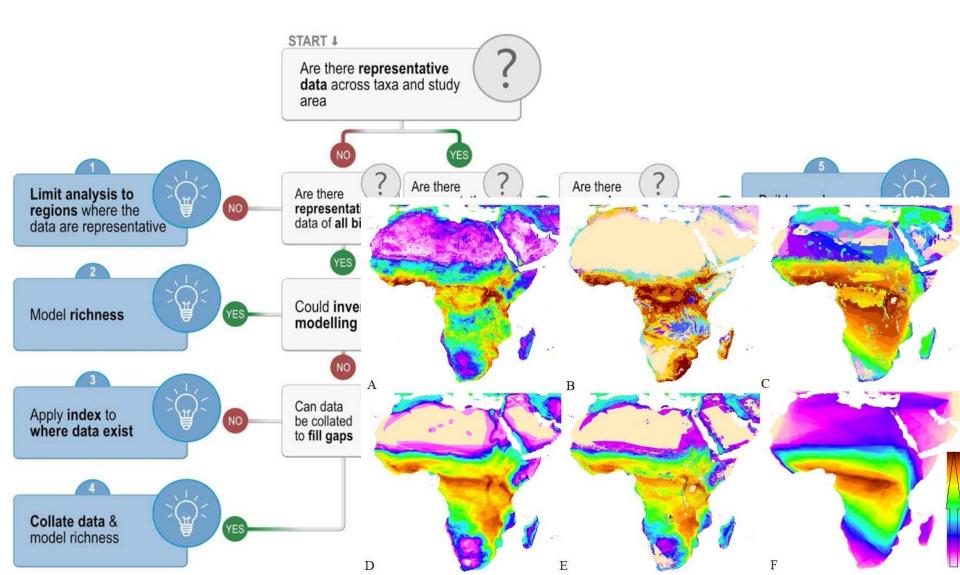
#### Setting targets-do we have the data?





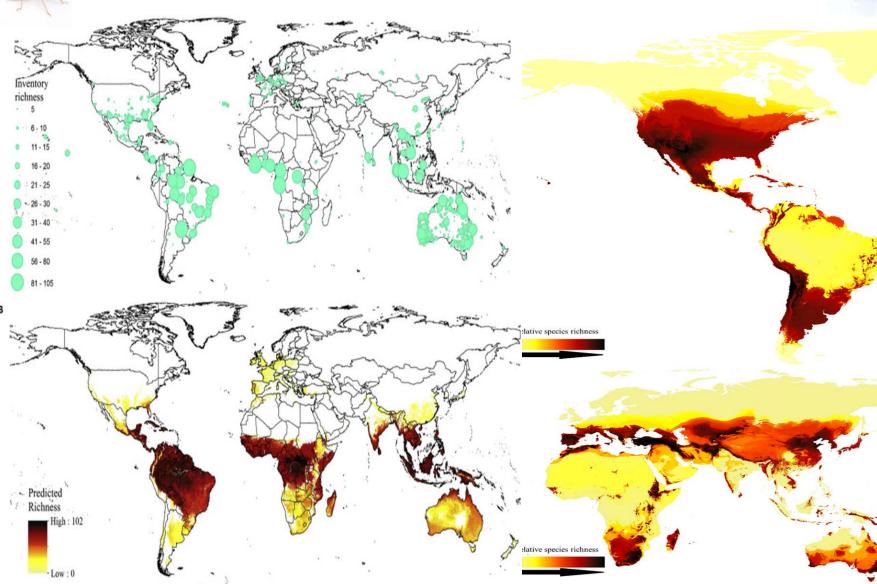
- Understanding the
- Does the data all No, data is full of g does exist it's biase
- Is there an altern Not really, range maps are not always representative, and have demonstrable biases
- How about those impressive numbers in global reports
- Unfortunately these are based on non-standardized inconsistent data due to a lack of monitoring
- We need to collate better and more representative data to understand where species are

## Measuring diversity across scales

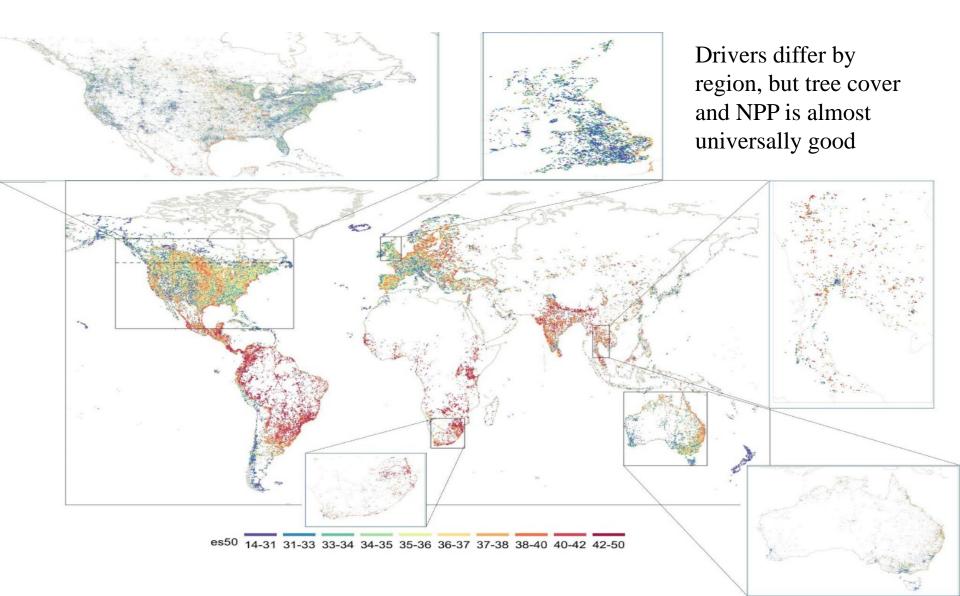


#### Using data to enable change

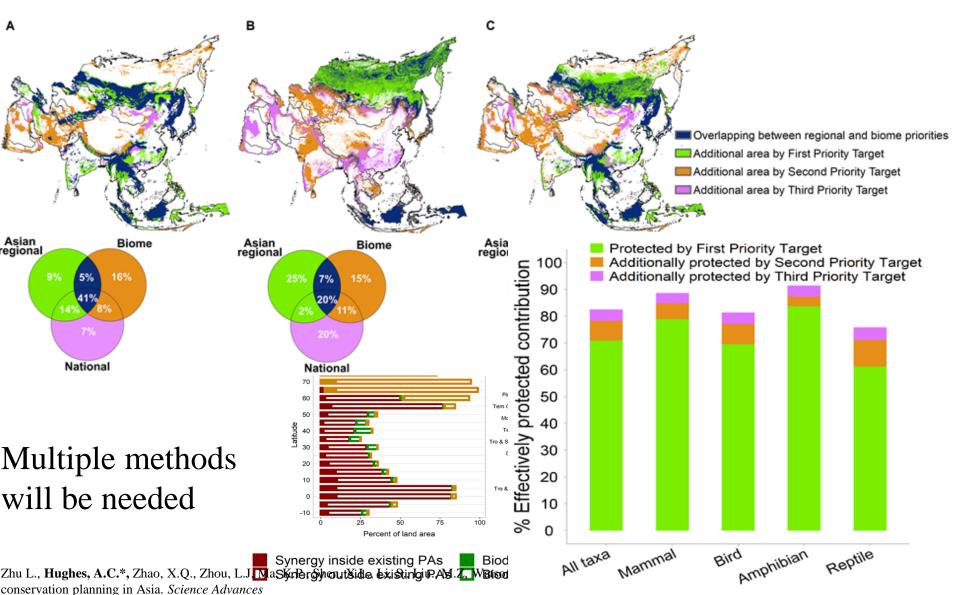




#### Converting data into policy



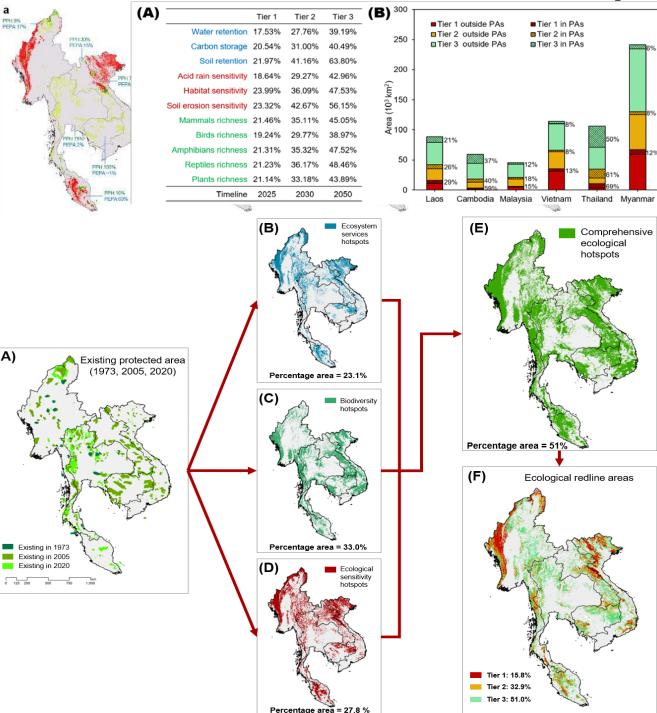
#### Target setting



### Ecologica

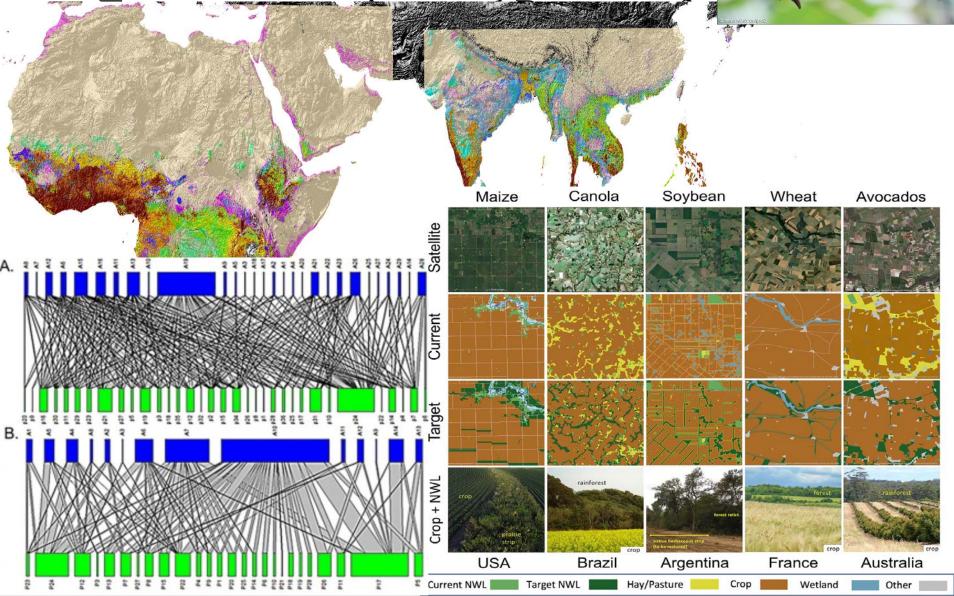
- Redlines and
  Based on high
  development ,
  provision with (A)
- Greening d
- Identifying

0 5 10 20





#### Services and value

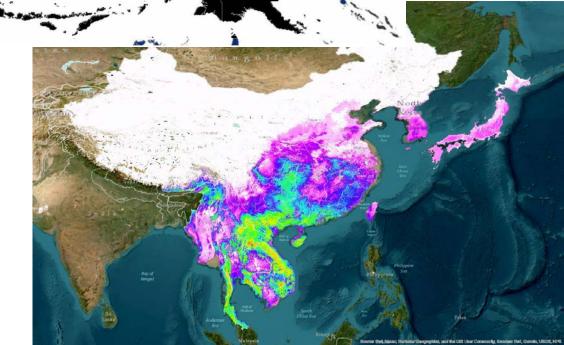


#### pulations at risk

Pandemic spread with roads

Rhinolophids (and some other genera) carry Beta-CoVs and likely do across the old-world

So far South China-GMS has seen the most SARS-Like CoVs



## Implementing change

- Conservation policy can only be implemented if it is translated into an appropriate context
- Social cultural components are needed in any suggested solution to conservation and management
- Providing solutions within appropriate for a and accessible language is also needed
- Priorities need a firm foundation of data, and include risk assessment
- We also need caution to not use data beyond its limits

# Building on Synergies

- Biodiversity must be part of the solution, and rather than Billion-tree tsunamis, and great-green walls we must prioritize protecting, then restoring native systems
- Conventions must work in synergy to maximise benefits
- Better data is needed for targets, but targets must also reflect human needs and pathways to implementation
- Impact assessment, and monitoring also need to be more rigorous and use data better

# Moving forwards

- We have seven years until the end of the time period to achieve the 2030 targets, and to prepare ourselves for the 2050 vision
- To be ready for this point we need a clearer understanding of the impact of threats as a baseline for management
- Furthermore we need better data to clearly understand patterns of diversity as a basis for targets
- Additionally we need better integration between targets and conventions to reduce tradeoffs and increase synergies

Thank you a provide a subscription of the State of State of State of State and the second states of the Contraction of the local distance