Methods

STUDY SITE SELECTION

*Use wood density text*

VEGETATION SURVEYS

*Use wood density text*

TRAIT DATA COLLECTION

**Trait selection**

**Field data collection**

**SLA**

* Measurement, ImageJ etc.

**Wood density** *– use wood density text*

**Database assembly**

* Wood density averaged over sites
* Missing WD and SLA sourced from databases

HYDROLOGICAL ANALYSIS

* Use wood density text as base
* Describe the ‘minimally redundant set’
* Will I use the wood density table?

FUNCTIONAL DIVERSITY ANALYSIS

* Checking trait correlations / PCA
* FDis and functional redundancy

REGRESSION ANALYSIS

* Regressions, BH p-value adjustment
* Checking latitudinal gradient
* Checking hydrological correlations – a single axis describing prevalence of extreme events (PCA)