Lakes (n = 73)

Lake temperature observations

Hypsographs

Lake characteristics
- Elevation
- Latitude
- Longitude
- Maximum depth
- Light extinction

ISIMIP

GSWP3-W5E5 forcing data

Lake models
- FLake
- GLM
- GOTM
- Simstrat

LakeEnsemblR::export_config()

Calibration folders

LakeEnsemblR::cali_ensemble()

Calibration parameters

All	FLake	GOTM
Wind scaling: 0.25 - 1.5 SWR scaling: 0.7 - 1.3 Kw scaling: 0.7 - 1.3	c_relax_C: 0.0001 - 0.01 fetch_lk: 500 - 3000 depth_bs_lk: 2 - 8	k_min: $1.5 \cdot 10^{-7}$ - $1 \cdot 10^{-5}$ h0b: 500 - 3000 const_num: $2.5 \cdot 10^{-4}$ - $7.5 \cdot 10^{-4}$
Settings: - Latin Hypercube Sampling - 2000 iterations	GLM coef_mix_hyp: 0.1 - 2 coef_mix_conv: 0.1 - 0.3 coef_mix_turb: 0.35 - 0.65	Simstrat a_seiche: 0.0008 - 0.003 hgeo: 0.0 - 0.5 cd: 0.00075 - 0.00325