

Geospatial database

River networks

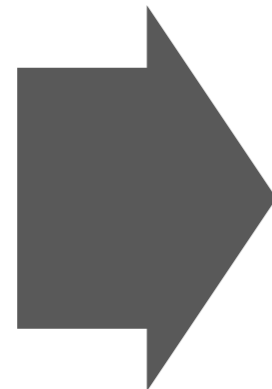
Climate scenarios

Human dev. scenarios

Resource potentials

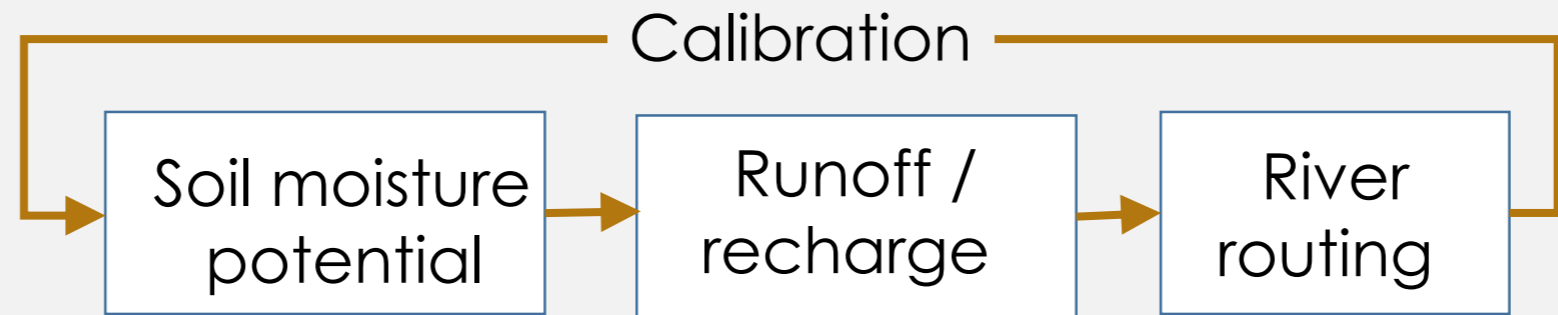
Costs and policies

Existing assets

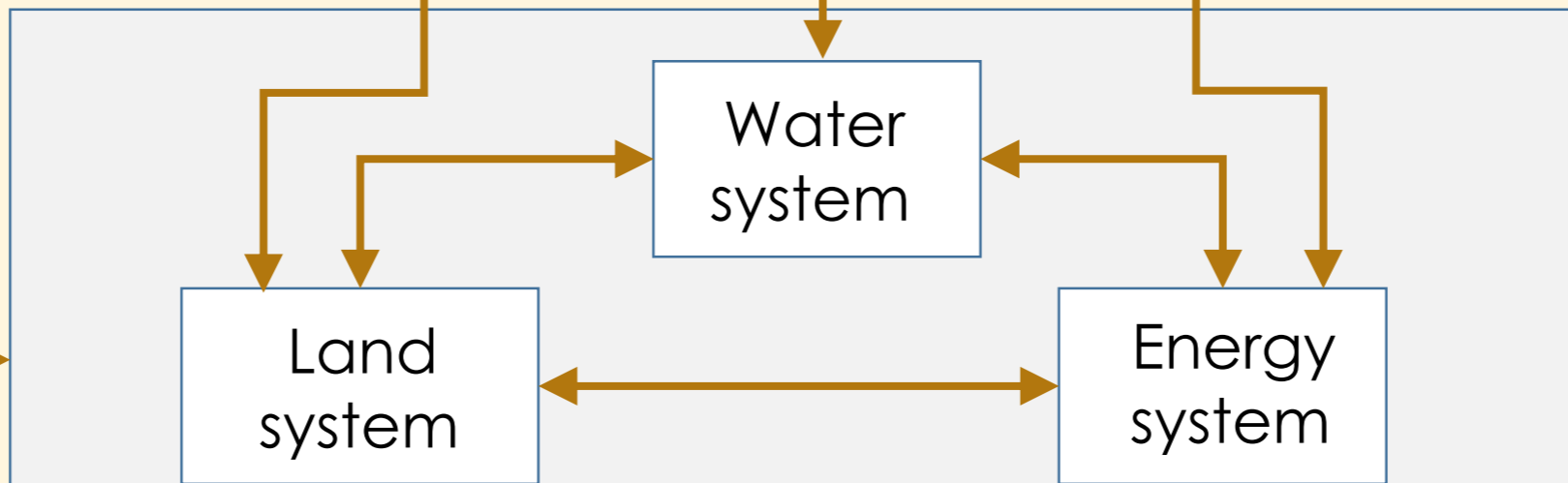


The Nexus Solutions Tool (NEST)

CWatM – water resource assessment
Distributed hydrological model



Scenario generator (SSP-RCP scenarios)
Econometric models and scaling tools



MESSAGEix – resource planning
Linear programming optimization model



Results database

Energy system pathways

Water system pathways

Land-use pathways

Investment pathways

Ecosystem indicators

Air emissions