

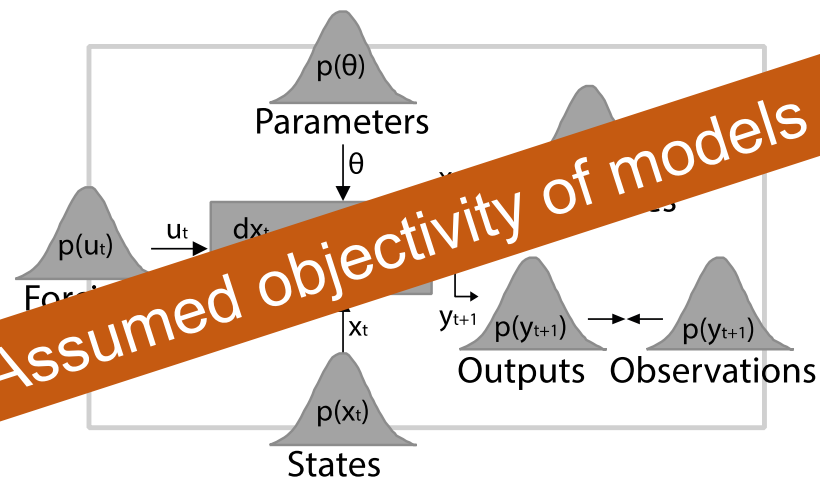


# What about the modeller?

Quantifying the human-factor in  
Earth and environmental predictions

# Uncertainty is known and acknowledged

Assumed objectivity of models



Vrugt & Sadegh, 2013. Toward diagnostic model calibration and evaluation: Approximate Bayesian computation  
Melsen et al., 2014. Catchments as simple dynamical systems: A case study on methods and data requirements for parameter identification

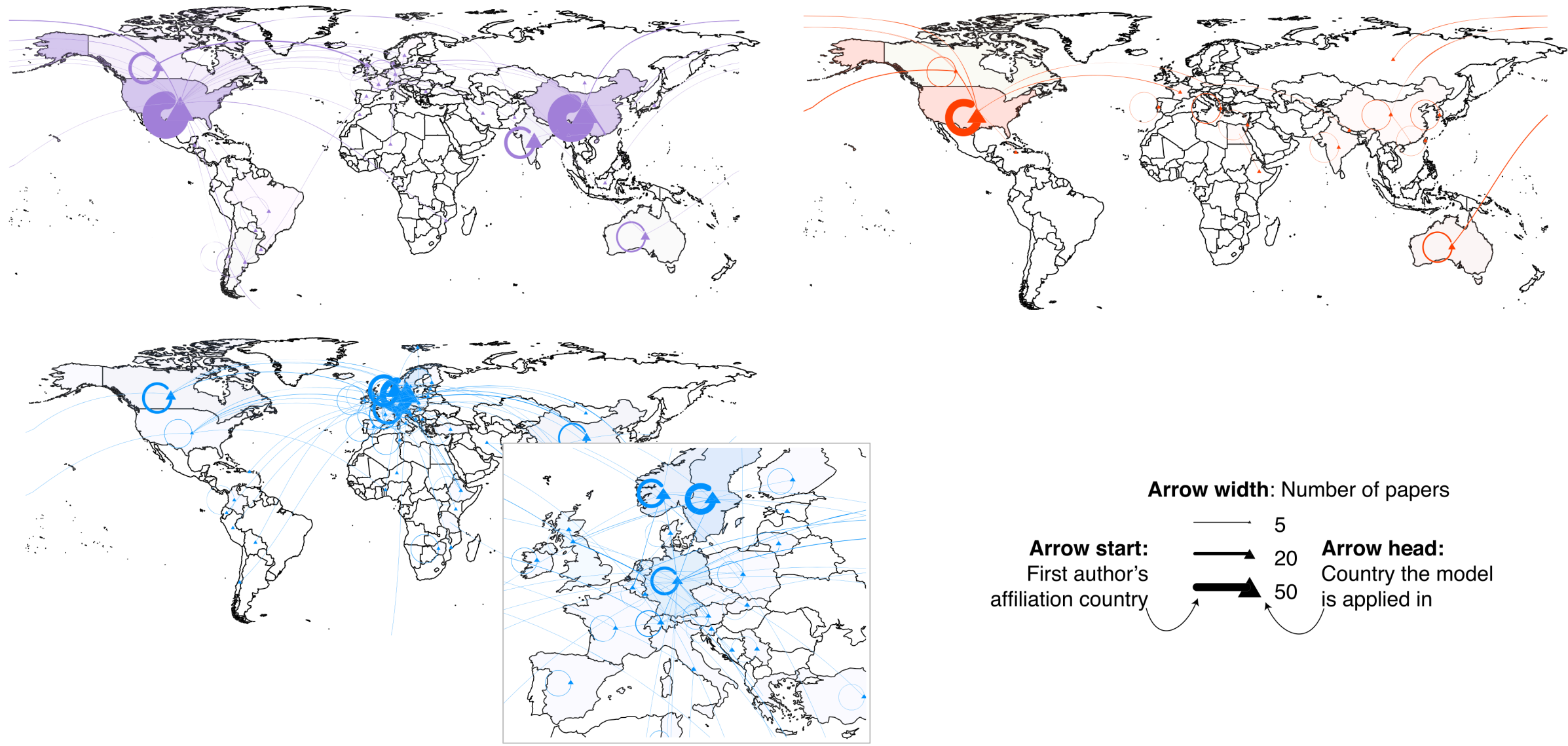








# Geographical bias in model use



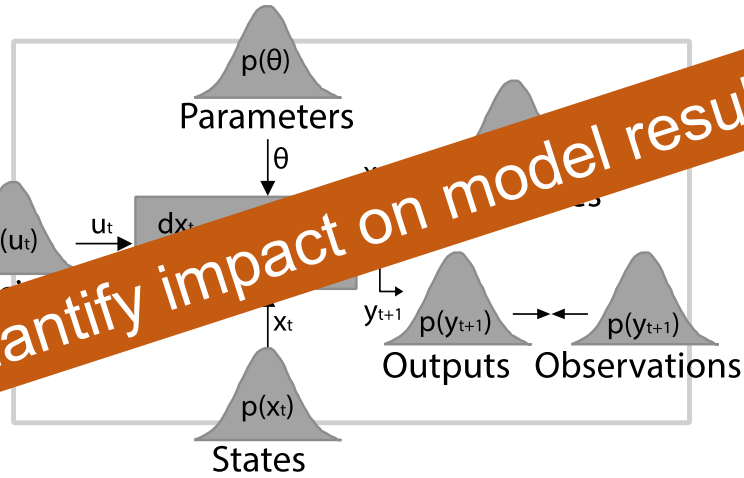


Which model?

Grid size?

Numerical scheme?

Boundary conditions?



Input data?

Parameter estimation?

Quantify impact on model results



Rijkswaterstaat  
*Ministry of Infrastructure  
and Water Management*

Modelling protocol

**Deltares**

Enabling Delta Life





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Interested to hear more about the study?

Interested to receive biannual updates on progress?

Interested to take seat in the user committee?

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