A Modeller's Fingerprint on hydrodynamic decision support modelling

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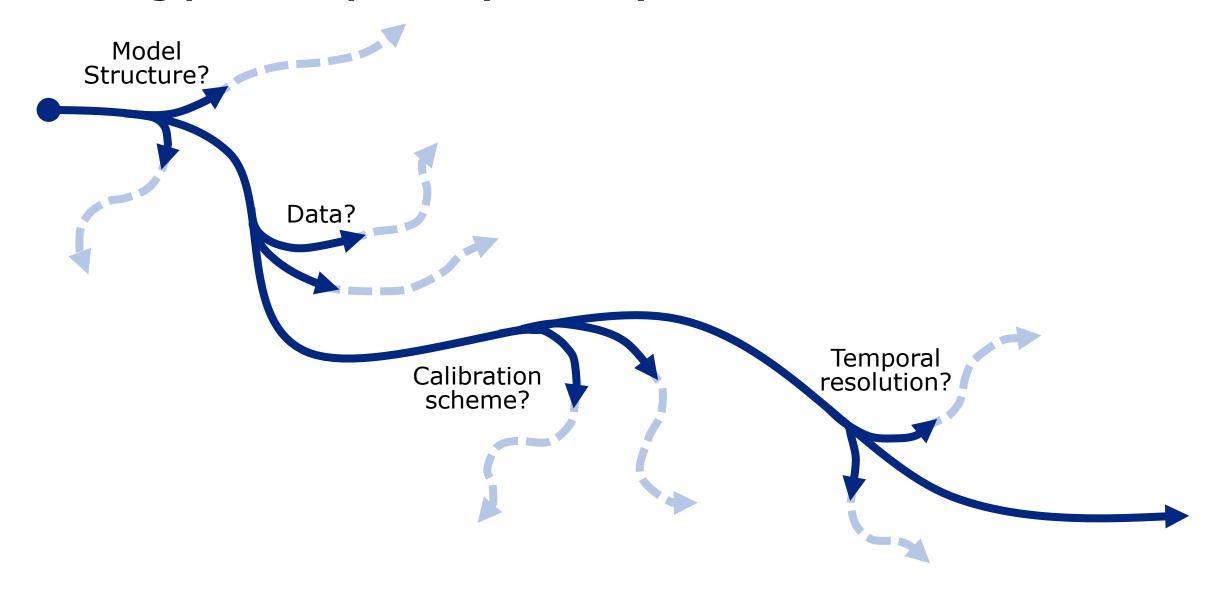
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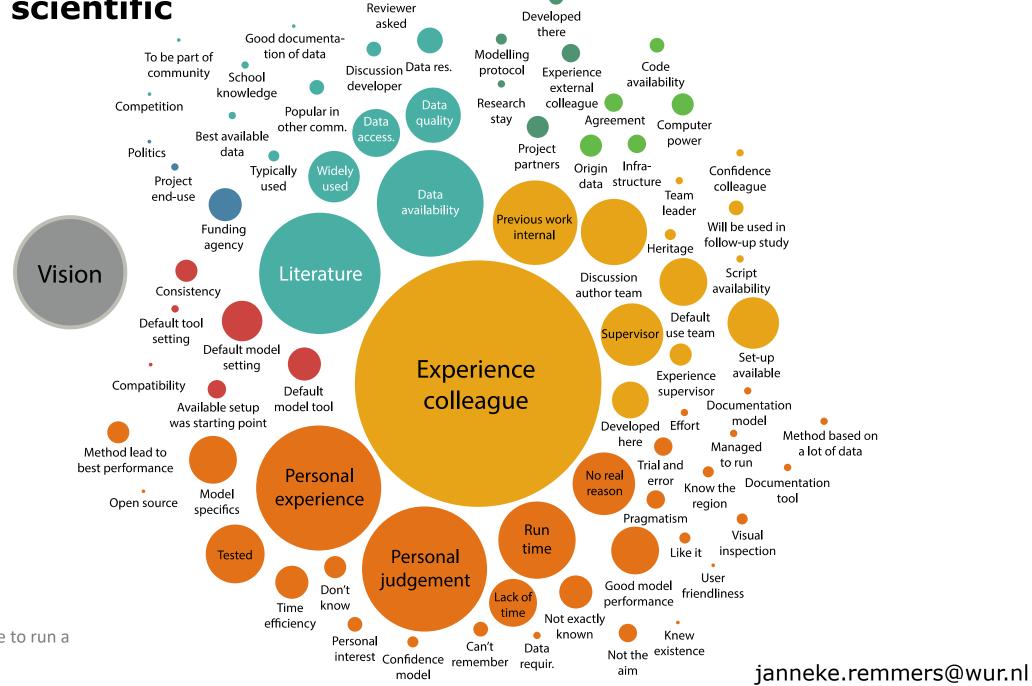
This presentation is based on Remmers et al., A modeller's fingerprint on hydrodynamic decision support modelling, submitted to Environmental Modelling and Software

Modelling process: path dependency



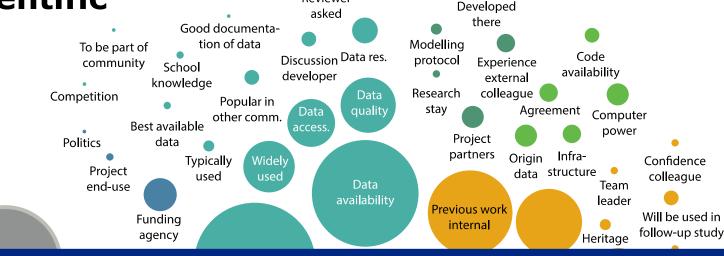
Motivations: scientific





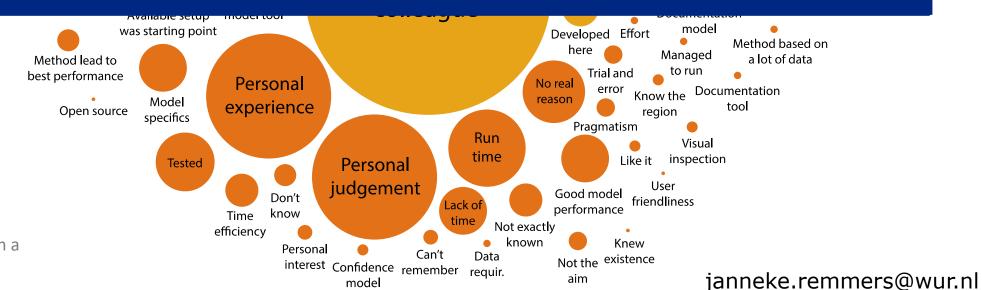
Melsen, 2022. It takes a village to run a model – the social aspects of hydrological modelling, *WRR*

Motivations: scientific



Reviewer

And in a water management setting?



Legend

External party

Scientific community

Scientific collaborator

Institute

Team

Individual

Consequentia

Melsen, 2022. It takes a village to run a model – the social aspects of hydrological modelling, *WRR*

My study

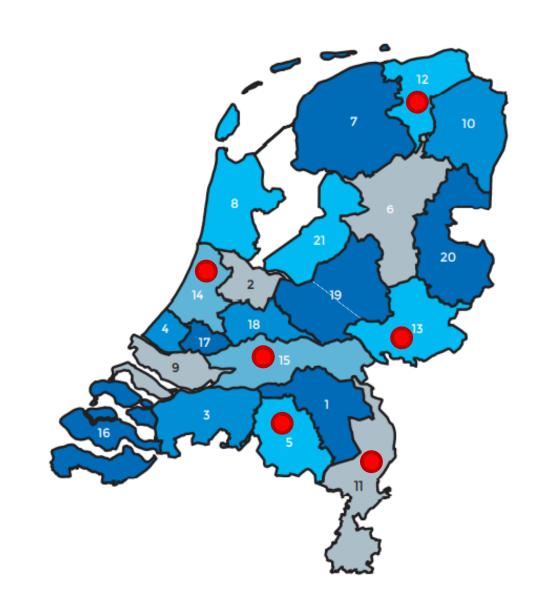


14 interviews

~ 1400 minutes

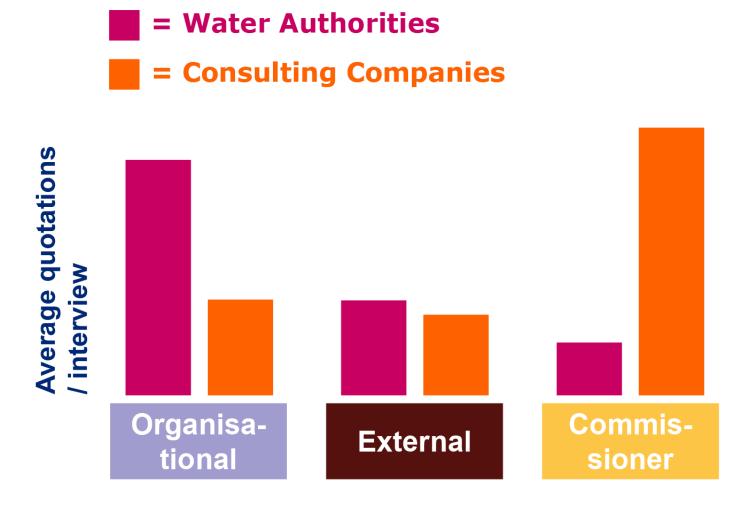
~ *350 pages*

Inductive Content Analysis

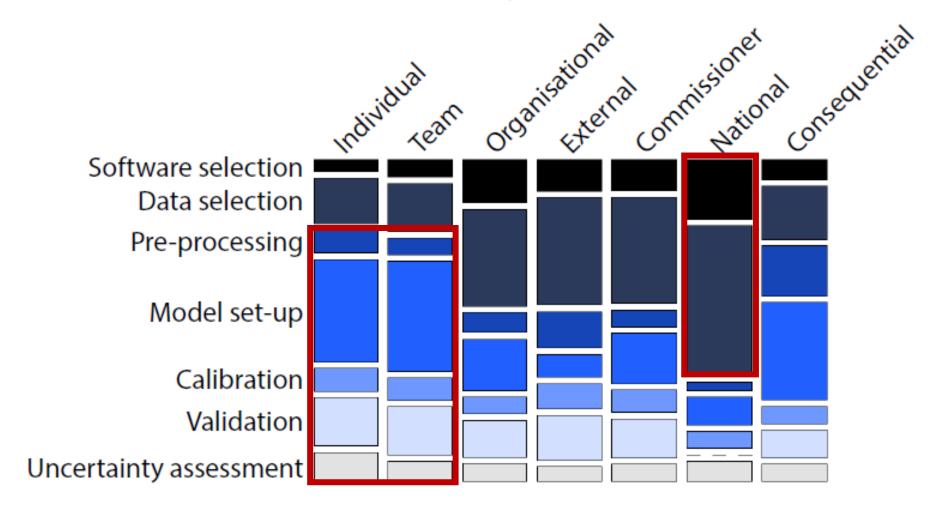


Organisa-Commis-Inter-Conse-Individual **Team** External **National** tional national quential sioner **Motivations:** 709 211 **73** 426 94 140 49 International Personal Agreements Insight General Procedure Dependent on previous choice Executed by Personal External Partner Generally Experience Commissioner Used Vision decides Executed automatical Discussion with External Partner Requirements for project "I think the Personal Standards in default value." Preference "Generally used Organisation within the Experience governmental Colleagues Earlier work organisations." in Organisation Team "We always ask a Insight consultancy company to do this." Team janneke.remmers@wur.nl Vision

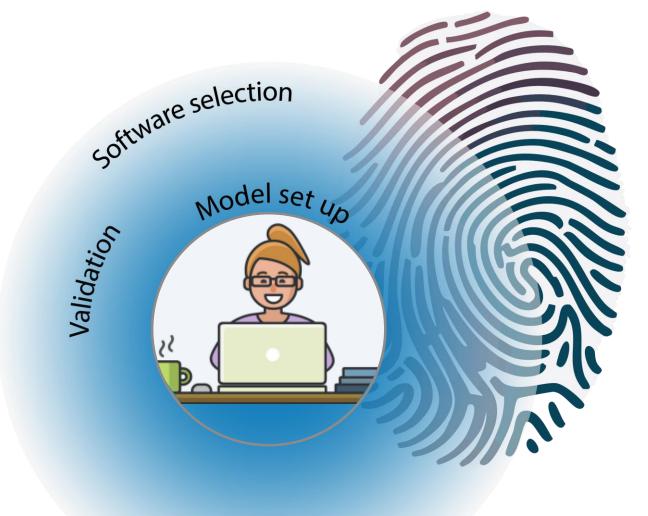
Motivations: comparison between organisations



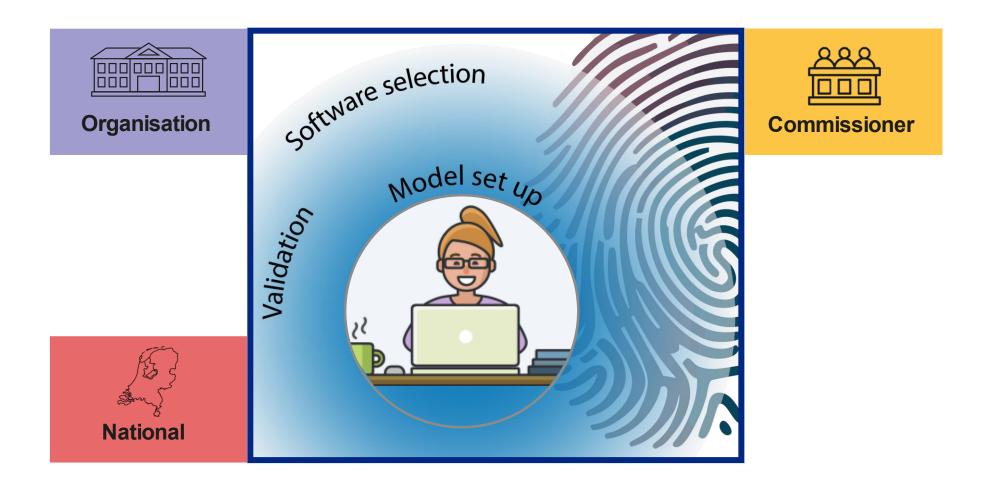
Motivations: across the modelling steps



Modeller's Sphere of Influence



Modeller's Sphere of Influence



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Thank you! Any questions?

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