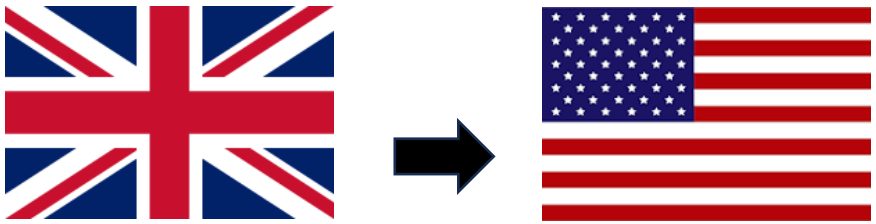
Autonomy Corporation

- $40 million
- Unsinkable!
- Tempestade Improvável!
- Fraud $11bn (Not guilty!)

Mike Lynch † 1965 – 2024

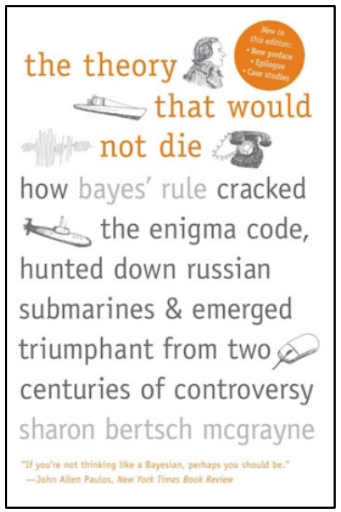


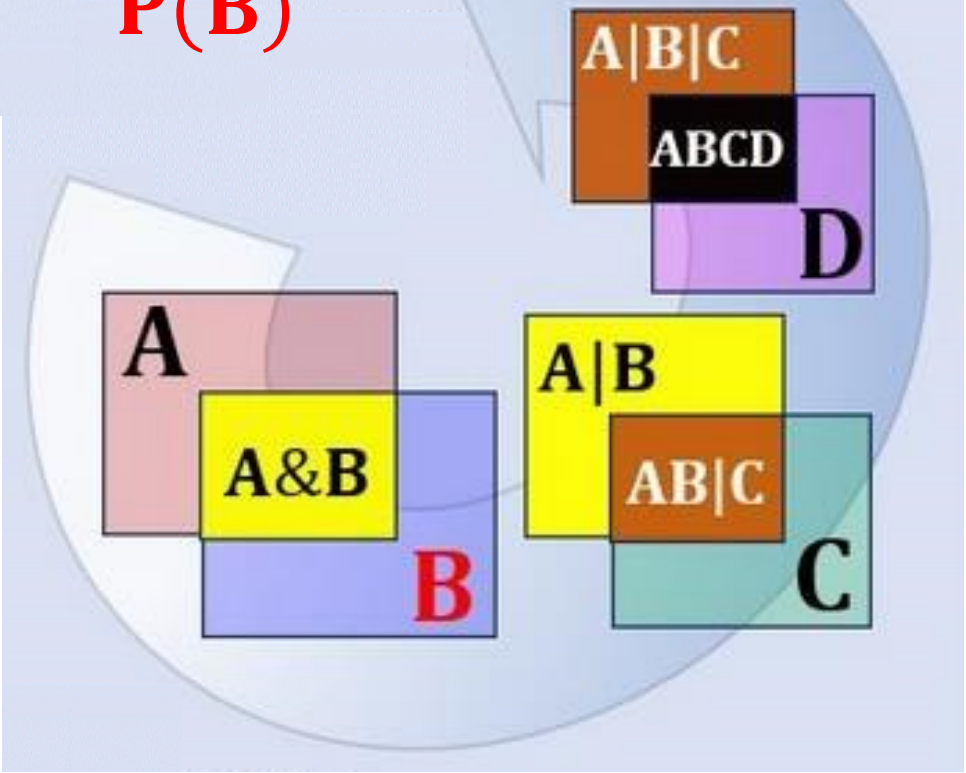
Autonomy

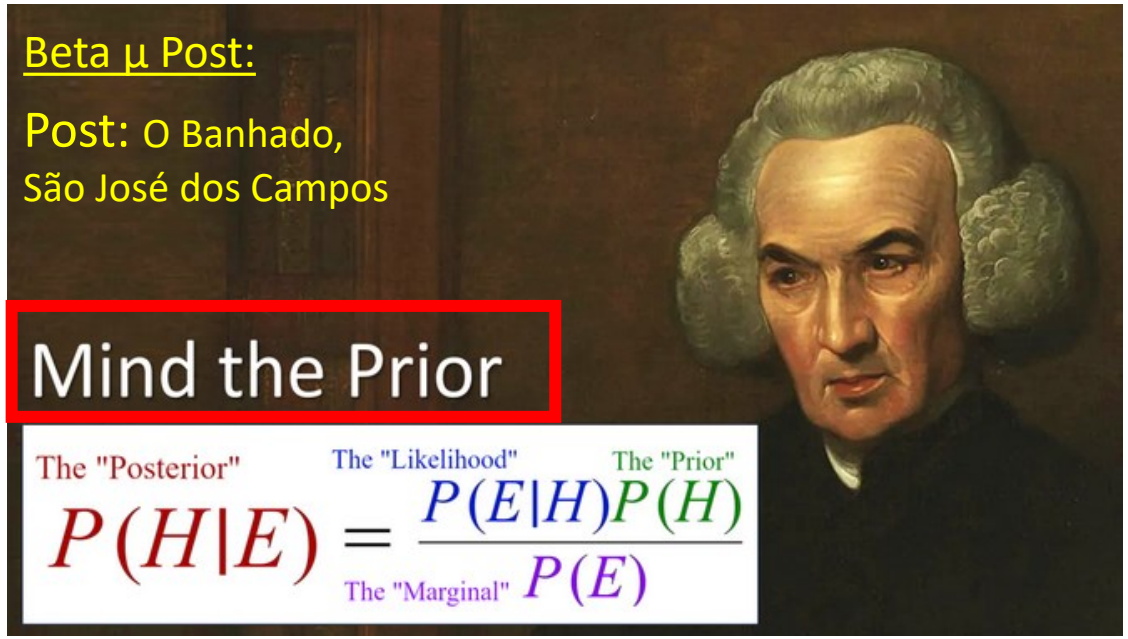
Beta μ

Cálculo Bayesiano

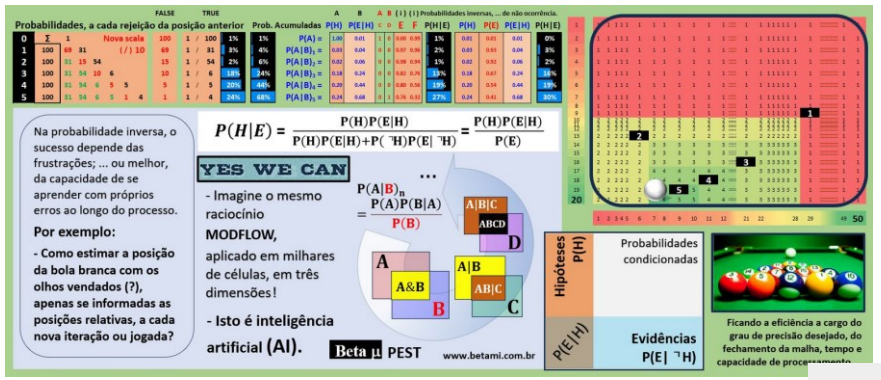
$$P(A|B) = \frac{P(A)\ P(B|A)}{P(B)}$$





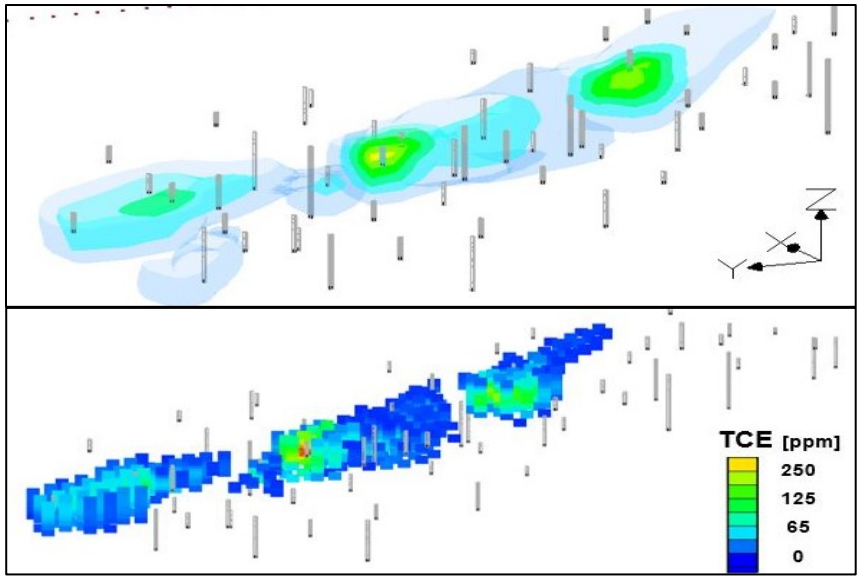


Beta μ Post:
Probabilidade inversa



≠

GAC



MODFLOW

Waterloo HYDROGEOLOGIC

aquanty HYDROSPHERE ANALYTICS
https://www.aquanty.com/hydrogeosphere

HydroAlgorithmic Pty Ltd
https://www.algocompute.com/

Beta μ

ITASCA Denver, Inc.
ITASCA Denver Inc.
https://www.itascadenver.com/

MIKE Powered by DHI DHI
https://www.mikepoweredbydhi.com/products/feflow

FEflow

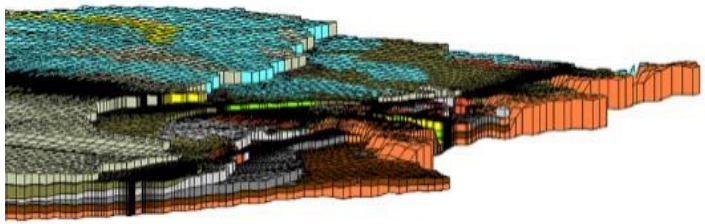
esi Environmental Simulations Incorporated
www.groundwatermodels.com
Environmental Simulations Inc.
https://www.groundwatermodels.com/

Σ²Π PEST cloud
S.S. Papadopulos & Associates, Inc.
https://pest.cloud/

Watermark Numerical Computing

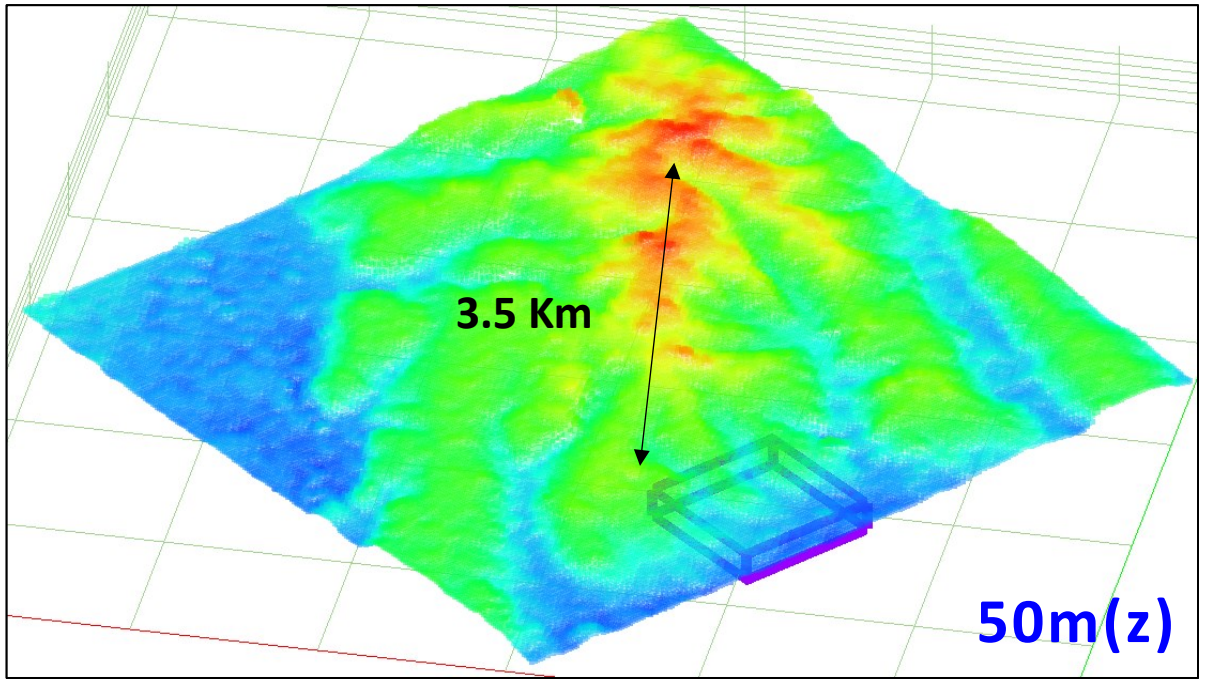
AQUAVEO™

GMS



MERCADOS

Beta μ



MODFLOW

Fluxo

x

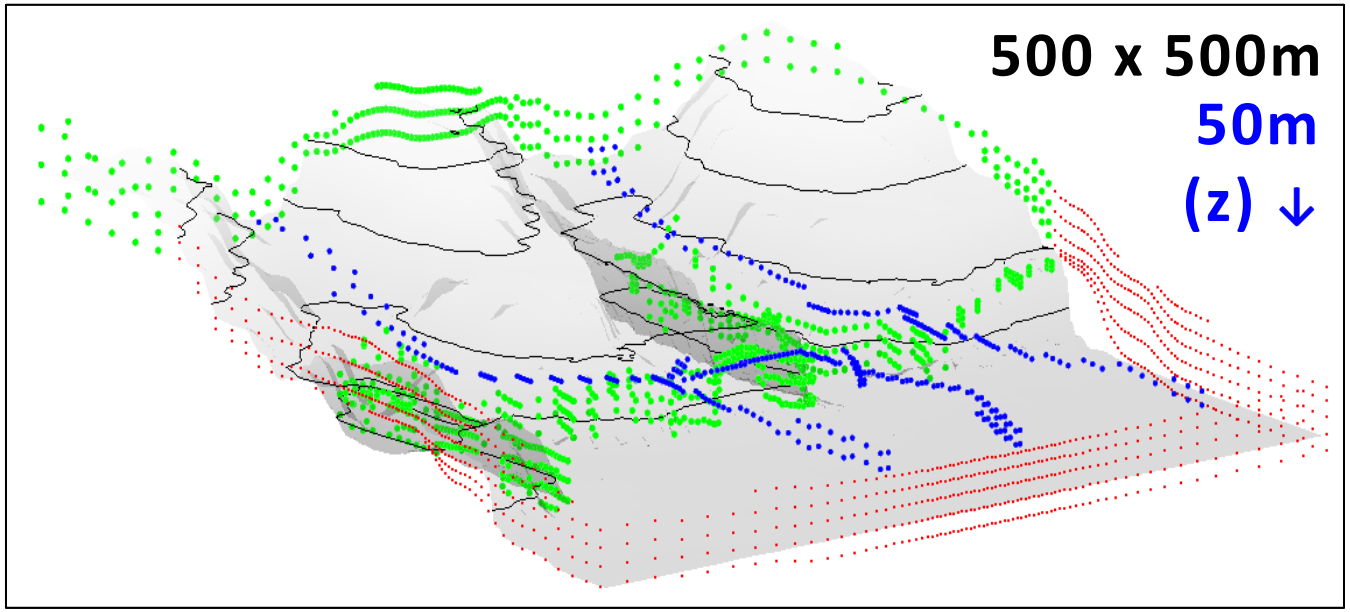
Transporte

MT3D
PH3D
SEAWAT
PHREEQX

Escala / Dimensões

≠

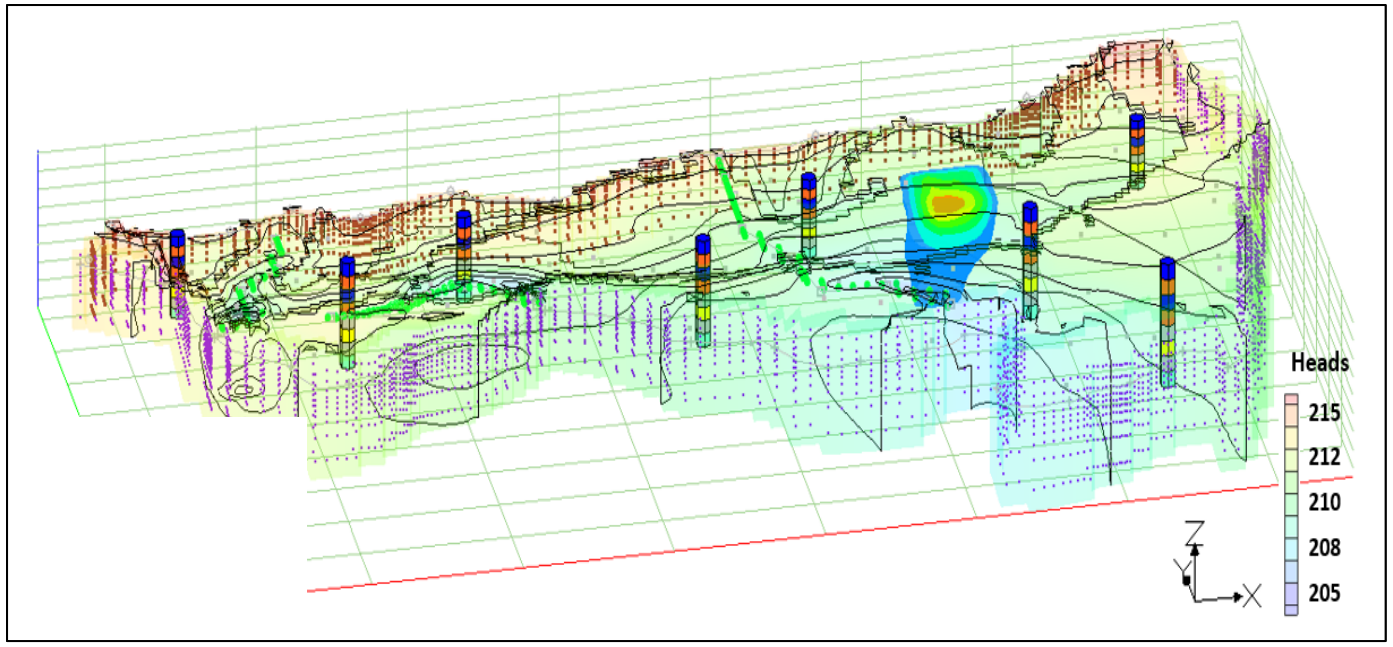
- Bacia Hidrográfica (1)
- Caixa de fósforos (2)

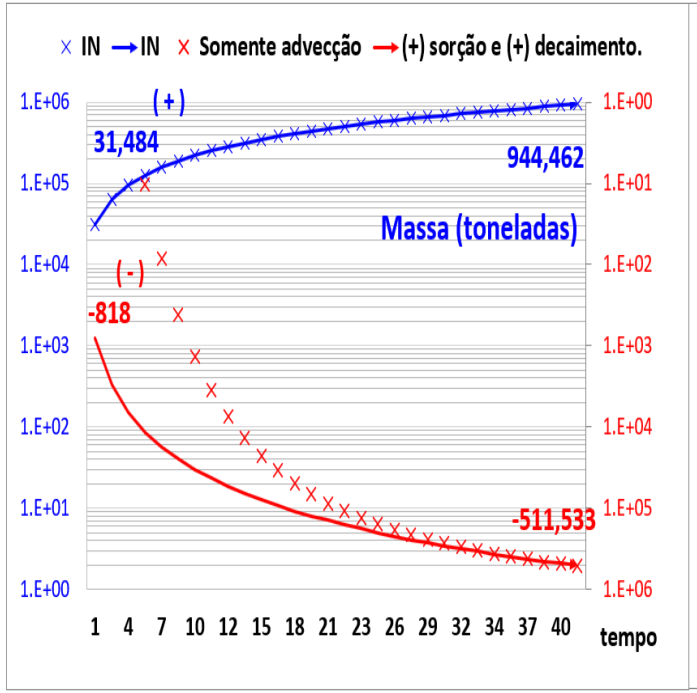


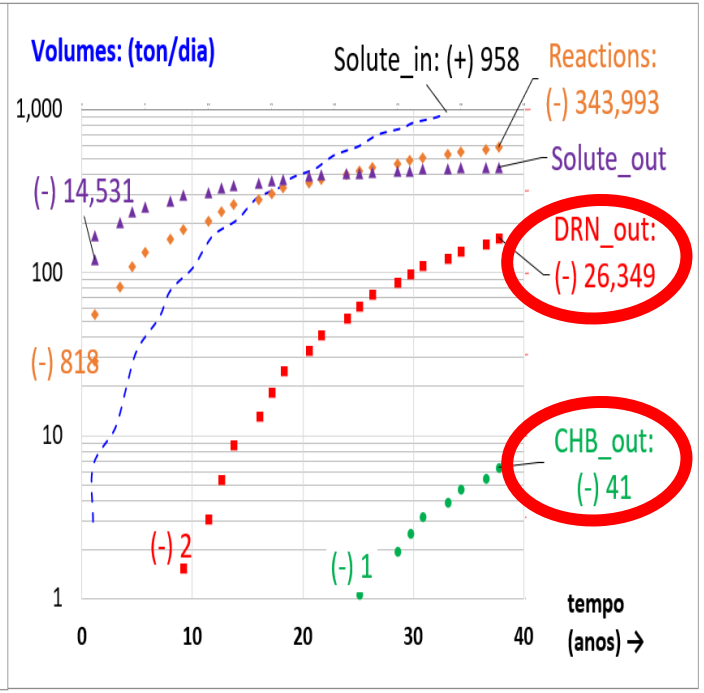
Vazões

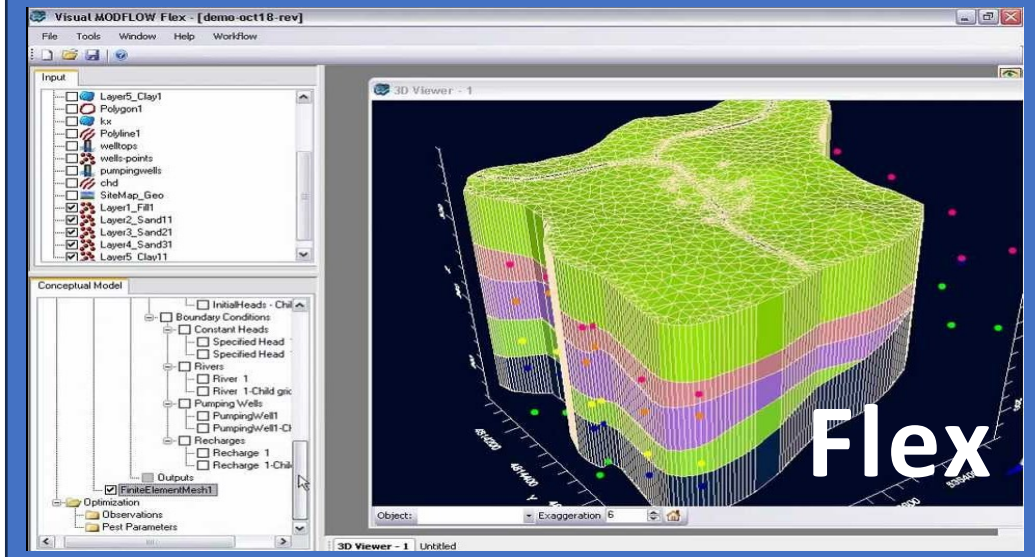
- De condições de contorno!

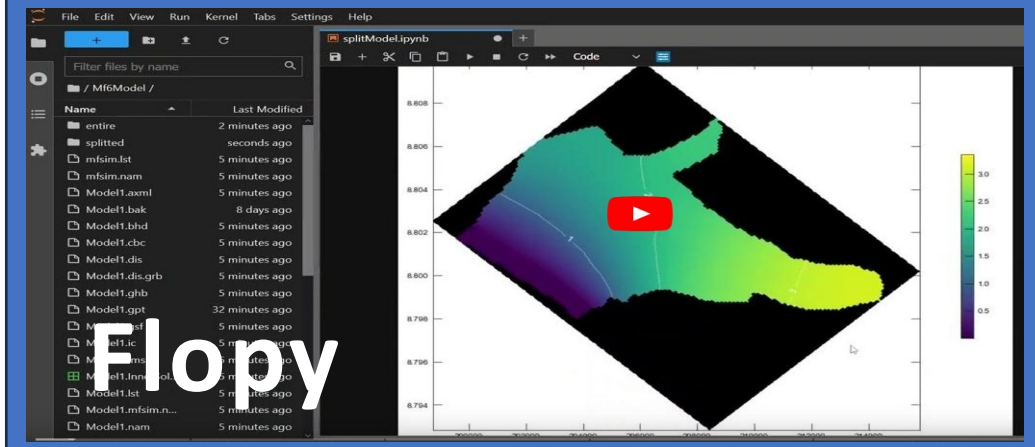
Beta μ











Groundwater Modeling System

Surface-water Modeling System

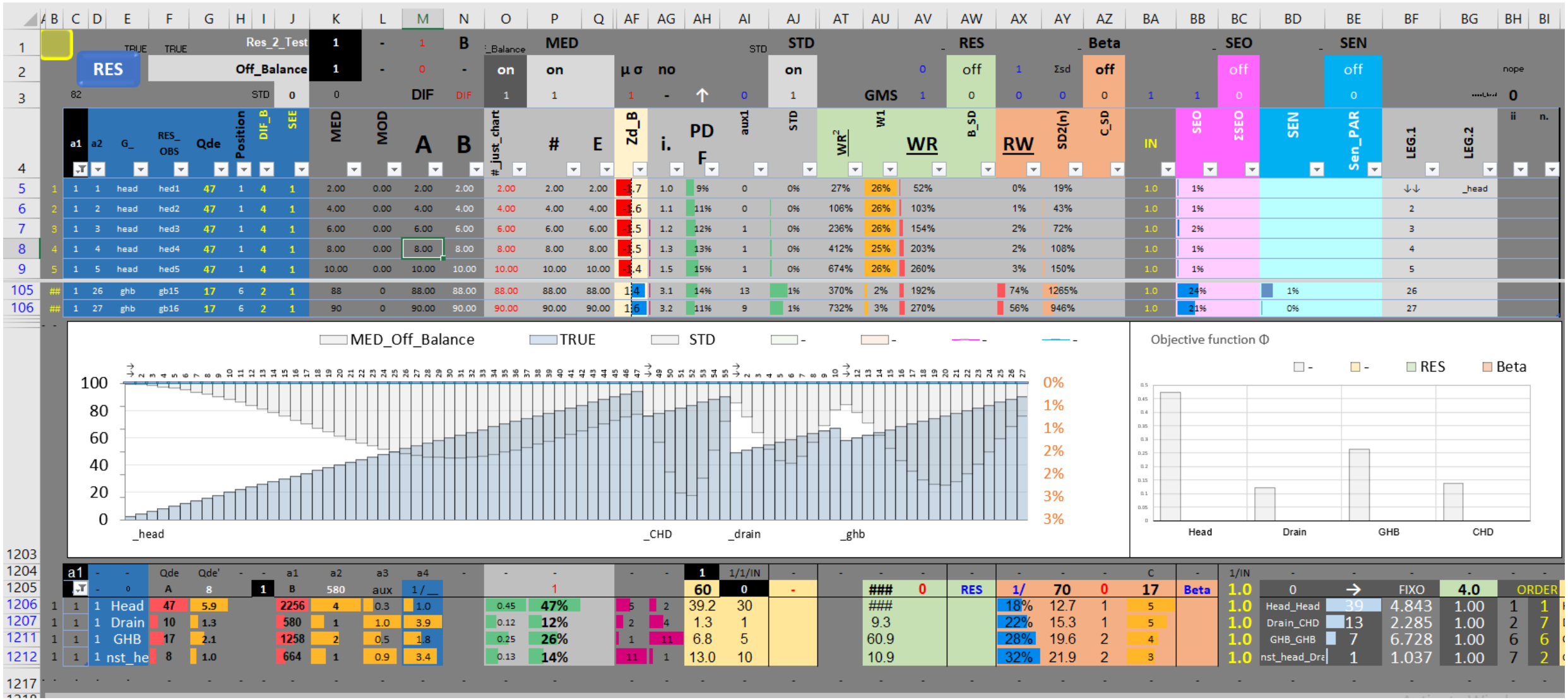
Watershed Modeling System

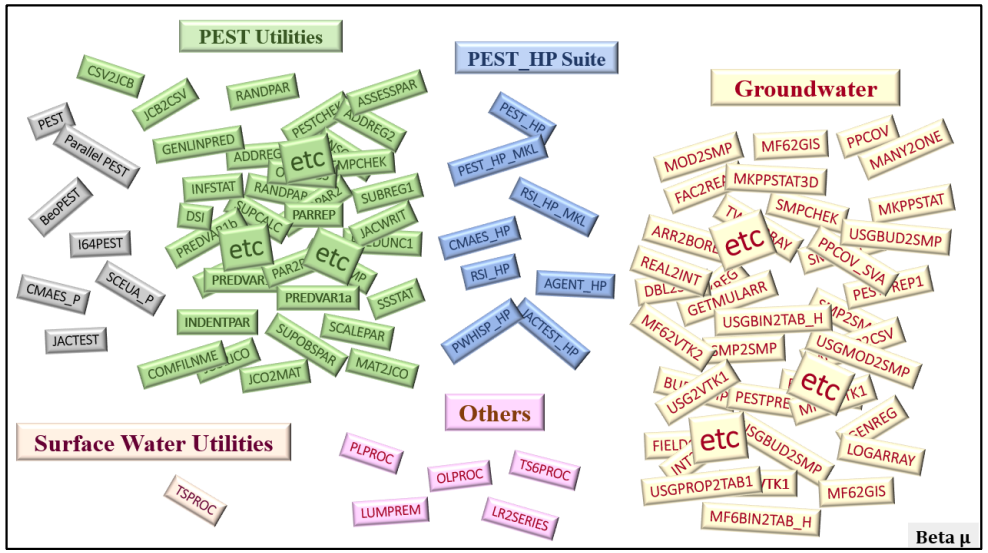
Arc Hydro Groundwater

Beta µ

Planilha Beta μ

Função Objetivo Φ



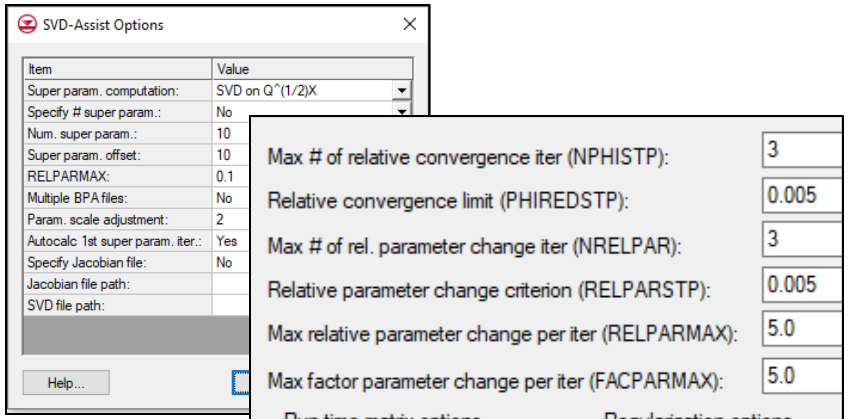


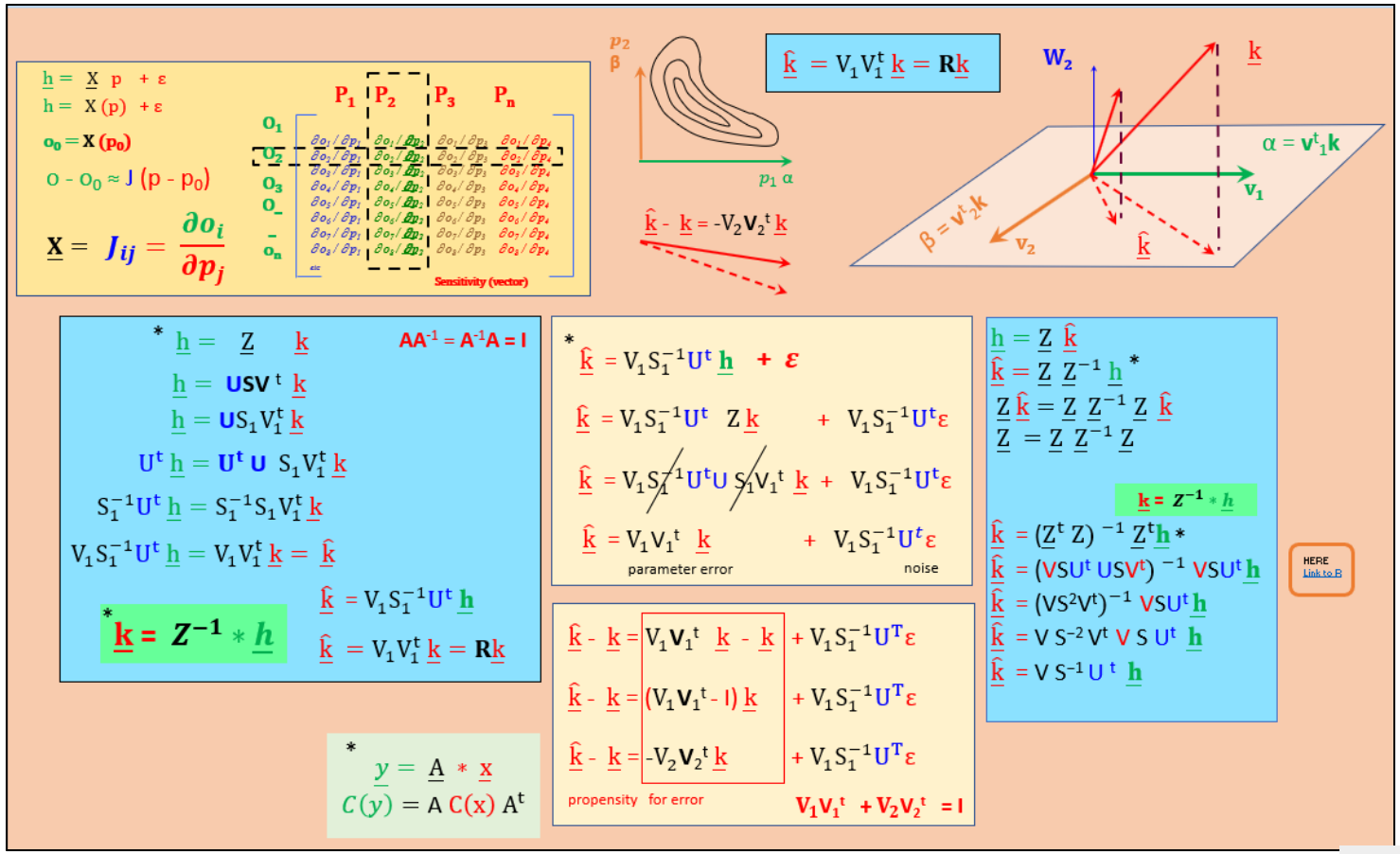
Groundwater Modeling System

Beta μ

MODFLOW

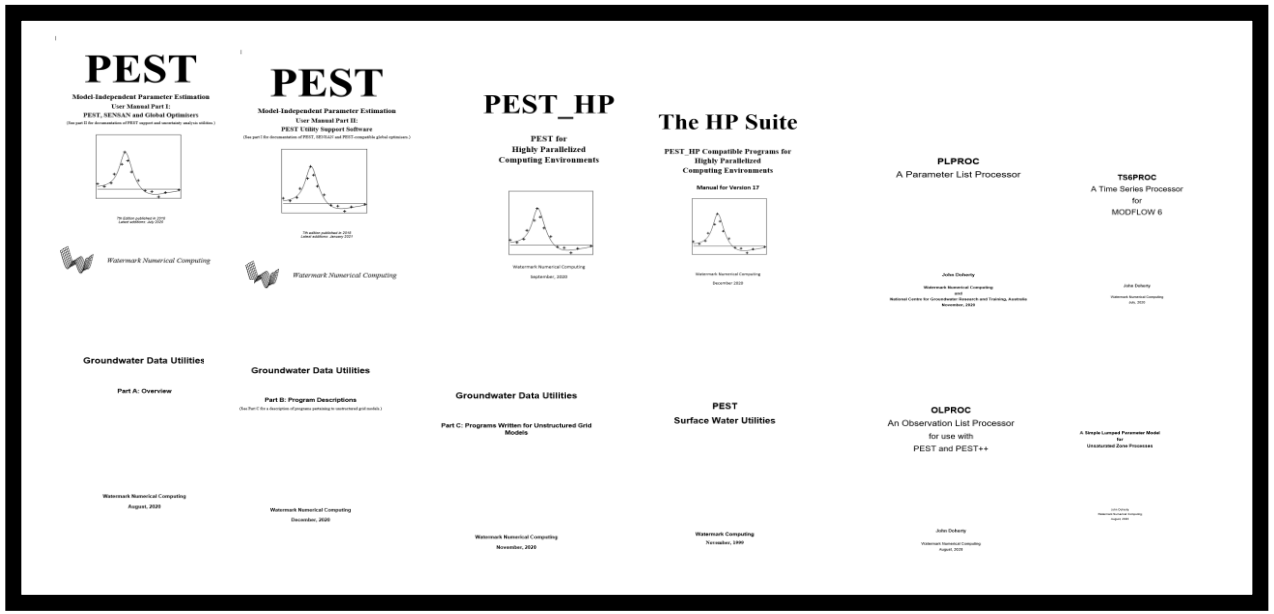
PEST

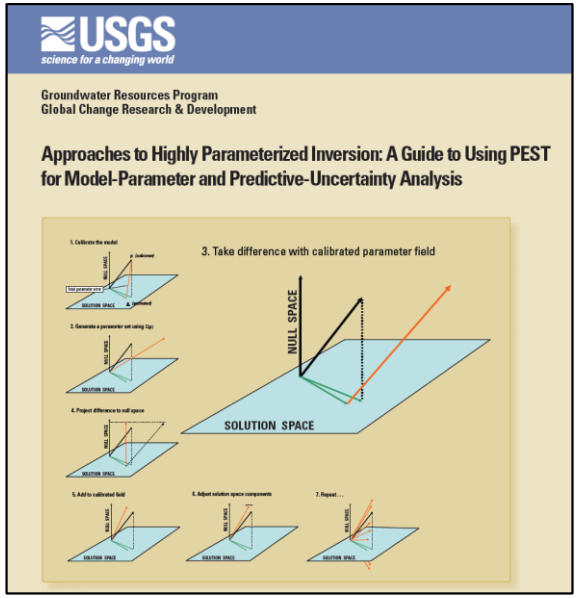


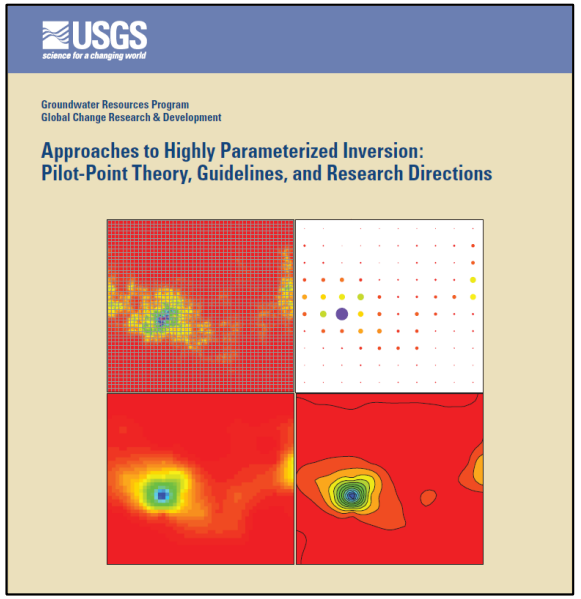


Open source

Milhares de páginas de instruções





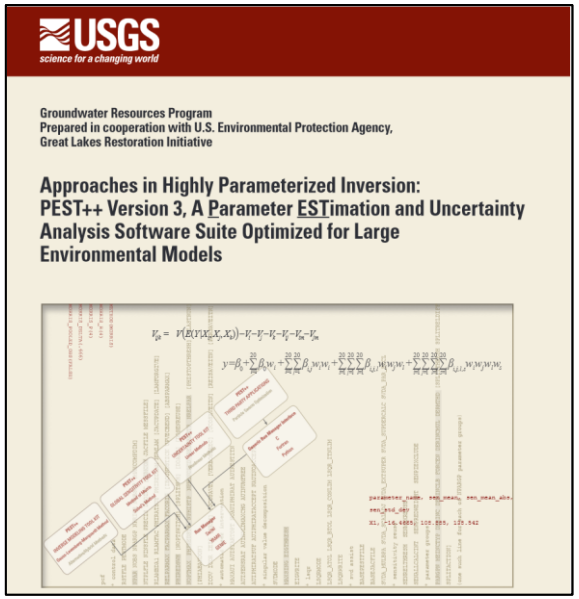


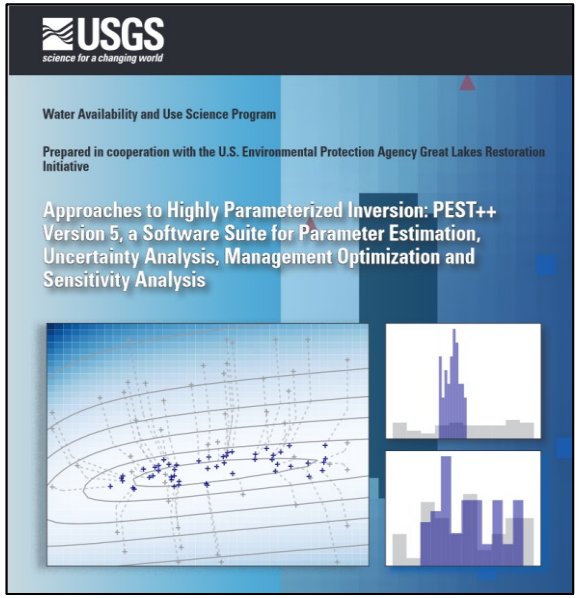
John Doherty

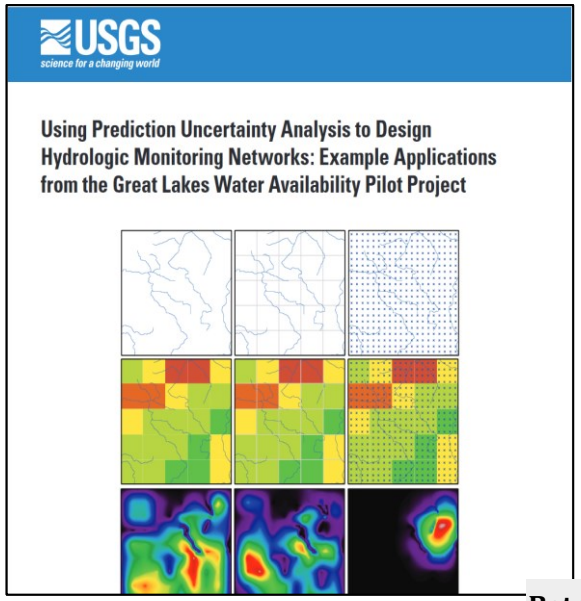
Groundwater Modeling System

US Army

Corps of Engineers







Beta μ

Obrigado!

Beta μ