

Sensitivity analysis for numerical modeling of a generic repository for nuclear waste in bedded salt

Results from BASAL

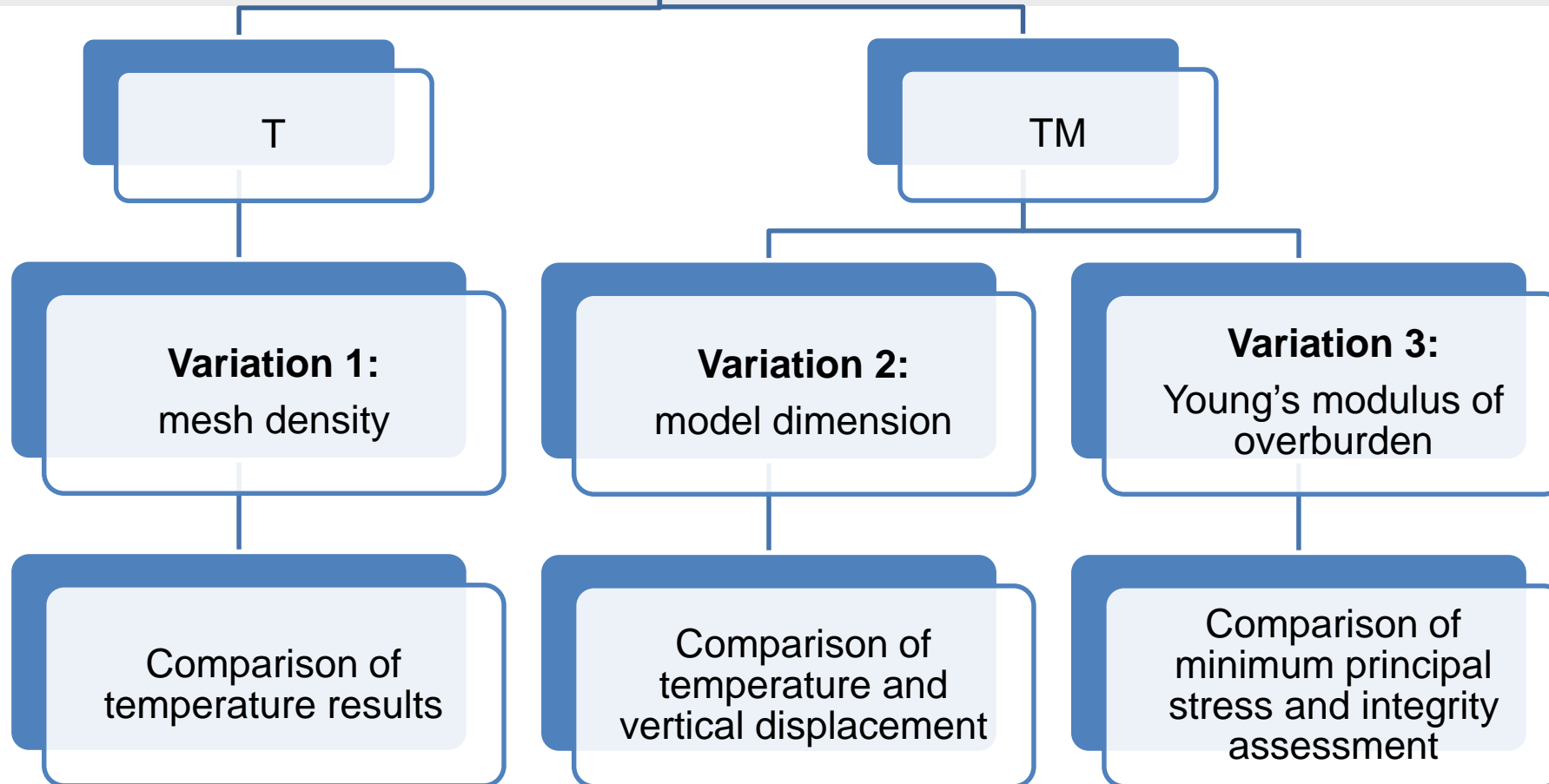
Wenting Liu, Ralf Eickemeier, Sandra Fahland

Federal Institute for Geosciences and Natural Resources

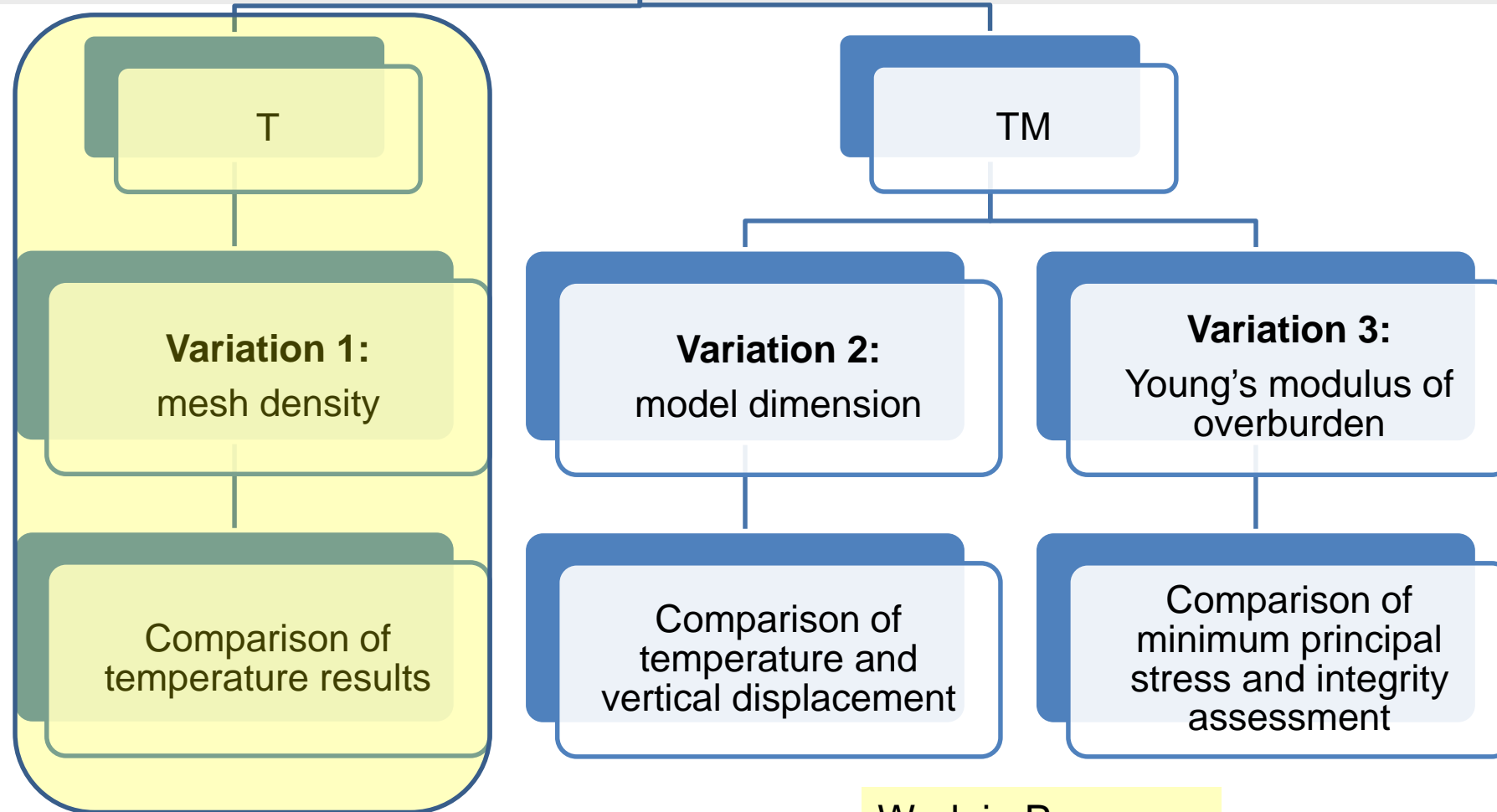
May 4th, 2020

Hannover, Germany

Sensitivity analysis by using 2D models

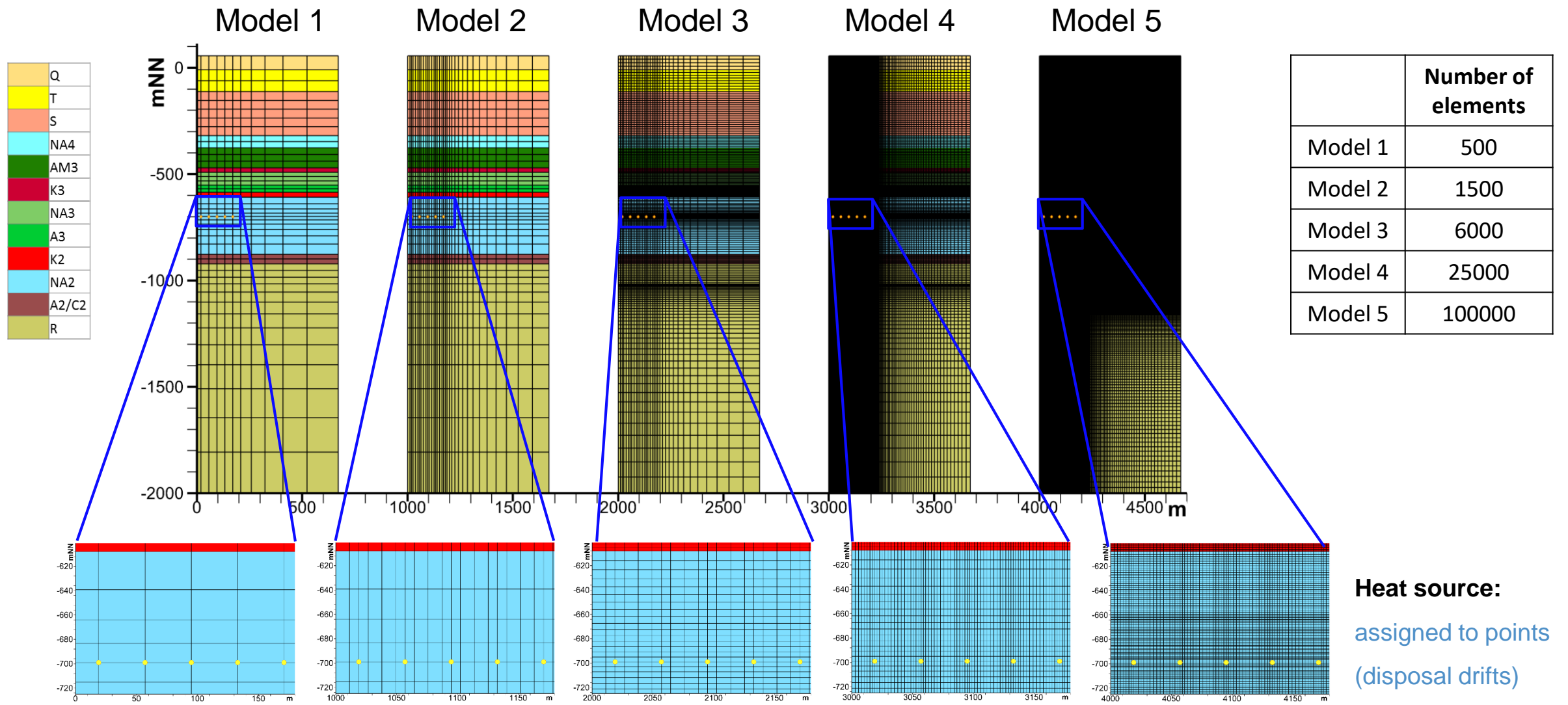


Sensitivity analysis by using 2D models

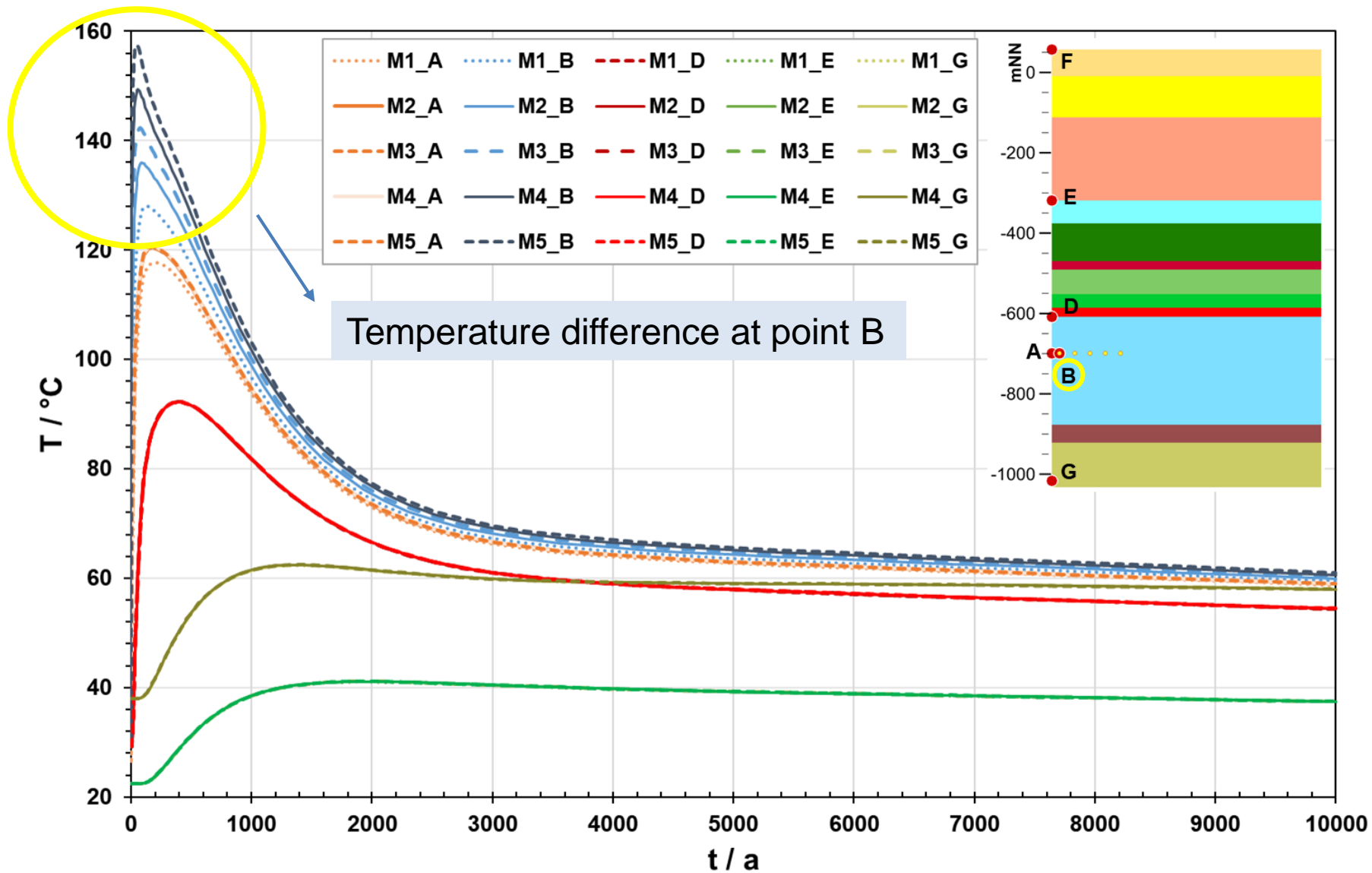


Work in Progress

Numerical Models: Variation of mesh density



Numerical Results: Comparison of Temperature Development



- A: disposal area center
- B: heat source (disposal drift)
- D: 90 m over point A
- E: top of salt
- G: 320 m under point A



www.bgr.bund.de

THANK YOU FOR YOUR ATTENTION

Supported by:



Federal Ministry
for Economic Affairs
and Energy

on the basis of a decision
by the German Bundestag