# Century Scale Englacial Advection Simulation

## by Alexander H. Jarosch

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Full-Stokes Model: Elmer-Ice (FEM,  25m res.)
Advection Model:   OpenFoam  (FVM,  25m res.)
Topographic Visualization grid:   (200m res.)
Topo Data: Mýrdalsjökull, Iceland courtesy
Eyjólfur Magnússon, IES, UI, Iceland
```
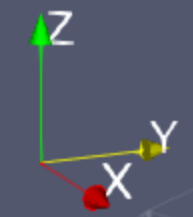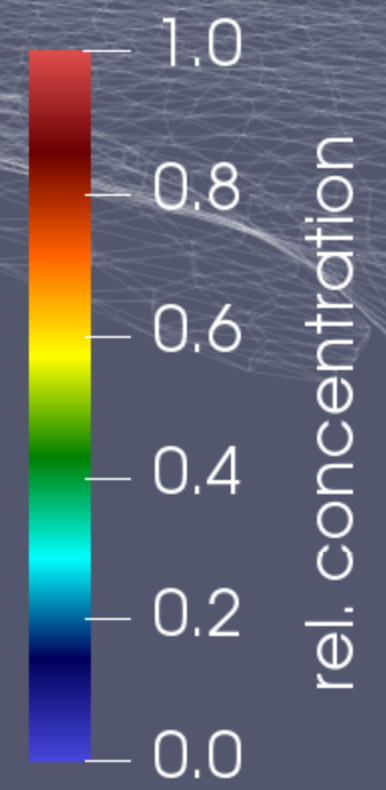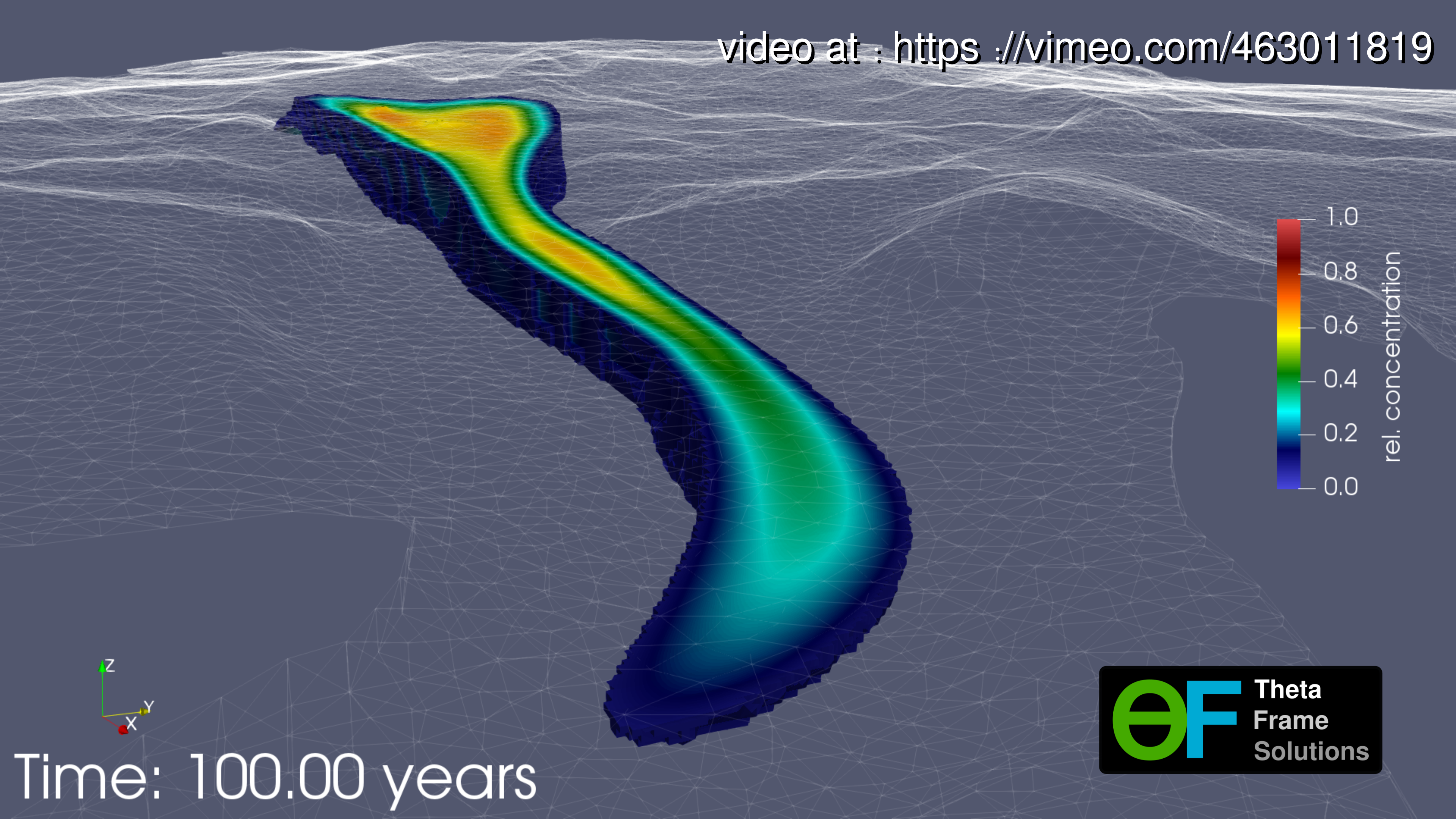
**Theta Frame Solutions**

video at : https ://vimeo.com/463011819

rel. concentration

1.0
0.8
0.6
0.4
0.2
0.0

Theta
Frame
Solutions

Time: 100.00 years