

Generate coast lines
from topography

← GLAC-1D

(Tarasov et al., 2012; Briggs et al., 2014)

Generate finite-element mesh

guessed
correlation length,
signal-to-noise ratio,
variance of background field

Obtain first-guess values of
analysis parameters

→ correlation length

Fit analytic covariance
function to data

signal-to-noise ratio,
variance of background field

Carry out (generalized)
cross validation

estimated
correlation length,
signal-to-noise ratio,
variance of background field

Perform analysis