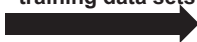
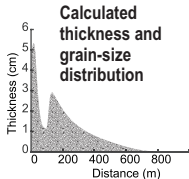
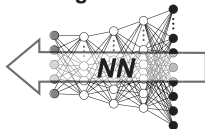


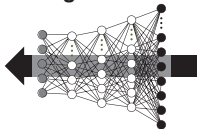
# (1) Production of training data sets



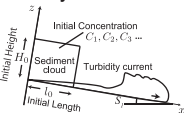
## (2) Training of NN using artificial data



## (3) Inverse analysis of ancient turbidites using trained NN



Input parameters for forward model of turbidity currents



Paleo-flow conditions of turbidity currents

Velocity  $U$   
Flow depth  $H$   
Sediment concentration  $C_l$   
Basin slope  $S_l$



Depositional characteristics of ancient turbidites

