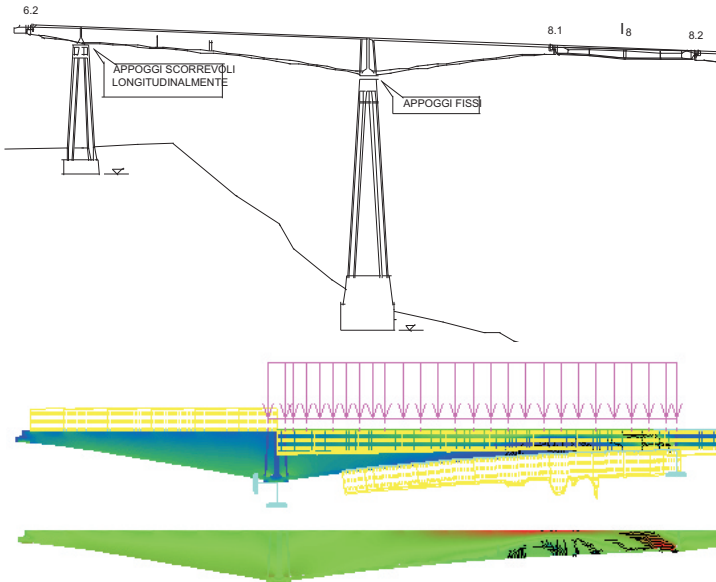


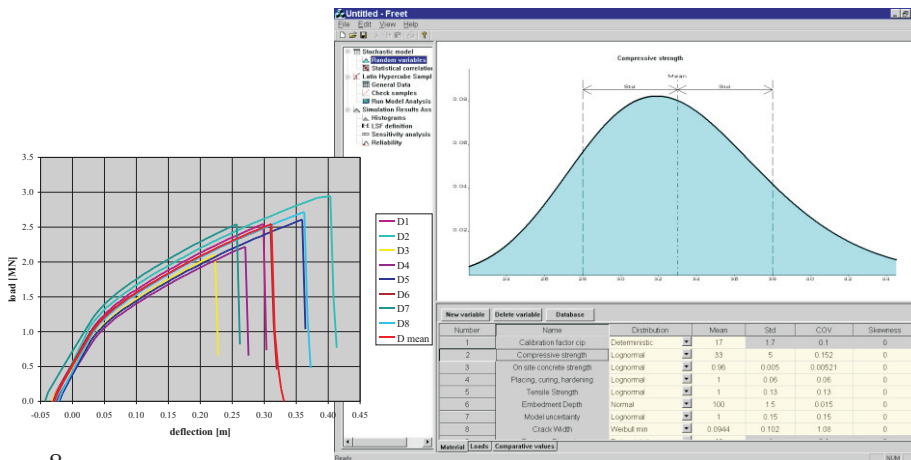
# ATENA - SARA

Nature is nonlinear and random



## ATENA

Advanced nonlinear finite element software for computer simulation of damage and failure in concrete and reinforced concrete structures

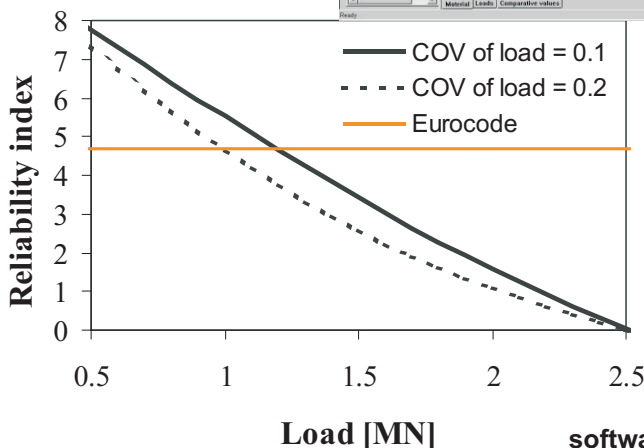


## FREET

Multi-purpose probabilistic software for statistical, sensitivity and reliability analysis of engineering problems based on efficient reliability techniques

## SARA = ATENA + FREET

Integrated engineering tool for probabilistic-based assessment of engineering structures using elite nonlinear material models



software development and distribution, consulting services  
 ultimate load, pre- and postpeak response, deformations, crack propagation, crack width  
 diagnosis of damage causes, reconstruction, prediction and evaluation of experiments,  
 analysis of loading tests, research and development in materials and technologies

