

Djamalddine  
Boumezerane

DELTA RES

*CREBS IV & IAPP-CREEP-II Workshop, 10 January 2014, DELTA RES, Delft*

- January 2013 –February 2013
- Literature review
- ABC model (Den Haan, 1994, 2009)
- Anisotropic Creep Model for soft soils
- SSC model (Plaxis)

- March – April 2013
- Programming 2D-ABC model (extended ABC model to general stress space)
- Literature review on SCLAY1-S (Wheeler 1997, Sivasithamparam 2012)
  
- April-May 2013
- Programming AEP (Anisotropic Elasto-Plastic) model based on SCLAY1
  
- May-June 2013
- Plaxis simulations of a real case (IJKDIJK) testing (performed in the region of Amsterdam)
- Comparison of the results using SSC plaxis and SCLAY1 plaxis

- June – July 2013
- Literature review on B-SCLAY1s, Bubble surface model (Sivasithamparam 2012)
  
- August-September 2013
- Programming B-AEP model based on B-SCLA1s
  
- October 2013
- Parametric study using 2D-ABC model (calibration of parameters)

## November –December 2013

Parametric study using AEP model and B-AEP model

- Paper for NUMGE'14 Conference (European Conference on Numerical Methods in Geotechnical Engineering) June 2014 – Delft.
- Presentation in *CREBS IV & IAPP-CREEP-II Workshop, 8-9 January 2014, DELTARES, Delft*