**Salt marsh establishment in poorly consolidated muddy systems: effects of surface drainage, elevation and plant age**

Created: from 2016 to 2018;

By: Haobing Cao

Contributors: Daniel Blok, Lennart van IJzerloo, Jeroen van Dalen, Zhenchang Zhu, Jiaguo Yan and Li Ma;

Description:

This data set contains the survival of *Spartina anglica* seedlings (with different ages), the survival, shoot numbers, plant height and biomass of *S. anglica* tussocks of a field mega-marsh organ marsh experiment that been carried out in Perkpolder, the Netherlands in 2016 and 2018. This study investigated the impact of surface drainage and elevation relative to mean sea-level on *i)* the survival of *S. anglica* seedlings from three different age classes: 1-year, 3-month and 1-week; and *ii)* the growth performance of mature *S. anglica* marsh tussocks.