**Plant traits determining biogeomorphic landscape dynamics: a study on clonal expansion strategies driving cliff formation at marsh edges**

Created: from 2016 to 2018

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Description:

This dataset contains i) the clonal expansion traits of three marsh species (*Spartina anglica*, *Scirpus maritimus*, and *Phragmites australis*) at marsh edges in a series of mesocosm experiments; and ii) cliff formation at mimicked marsh edges (*S. anglica* and *S. maritimus*, that with contrasting clonal expansion traits) in a flume experiment. This study examined how species-specific differences in expansion strategy, i.e. clonal step-length of laterally expanding tillers, both respond to sediment type and drive cliff formation and persistence.