

TITLE: Data underlying the publication "Spatial and temporal variation in long-term silt accumulation in a back-barrier salt marsh"

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'Schiermonnikoog\_grid\_2010\_dataset.xlsx'

Dataset of elevation and thickness of salt-marsh deposits at the landscape scale, which covered the area from the base of the dunes to the intertidal flats, with a grid of 820 points (sampled only in 2010)

<b>Field name</b>	<b>Description</b>
Year	Year of measurement
Row	Row number in the landscape measurement grid
Point	Number of points beginning southeast
RD_X	Longitude in RD New (Rijksdriehoekstelsel) coordinate system
RD_Y	Latitude in RD New (Rijksdriehoekstelsel) coordinate system
Island	Name of the barrier island
NAP	Elevation according to NAP (cm)
MHT	Elevation according to Mean High Tide (cm)
total_thickness	Total thickness of the fine-grained marsh deposits (top layer) (cm)
distance	Distance from the salt-marsh edge (m)

'Schiermonnikoog\_short\_transects\_dataset.xlsx'

Dataset of elevation and thickness of salt-marsh deposits in the six small-scale permanent transects, established in the field on the gradient between a low dune and adjacent salt marsh. Transects were sampled in 1992, 2001, 2005, 2007 and 2009.

<b>Field name</b>	<b>Description</b>
Year	Year of measurement
Island	Name of the barrier island
transect	Transect number
column	Column number
row	Row number
quadrat	Quadrat number
total_thickness	Total thickness of the fine-grained marsh deposits (top layer) (cm)
NAP	Elevation according to NAP (cm)
MHT	Elevation according to Mean High Tide (cm)