Soil redox potential as a predictor of benthos species composition in an intertidal zone

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Abstract

redox potential measurements can be done without much physical effort a short amount of time easuring benthos species diversity involves more effort and time udy examines the use of soil redox potential to predict the abunce of benthos species. The measurements taken at an intertidal zone at Schiermonnikoo a transection salt sh to muflat. Benthos species and redox values to obtained in two depths, so that the effect of inundation be estimated. It was found that redox potential alone is a better octor of species composition than inundation time, wing these findings to be extended to other ecosystems.