

Fig. S1 Different plant densities and biomass of studied seagrasses. In detail, the high density and biomass in the seagrass from the NE coast (a-b), compared to the low density and biomass of the SE coast (c-d), and low biomass of the S coast (e-f).

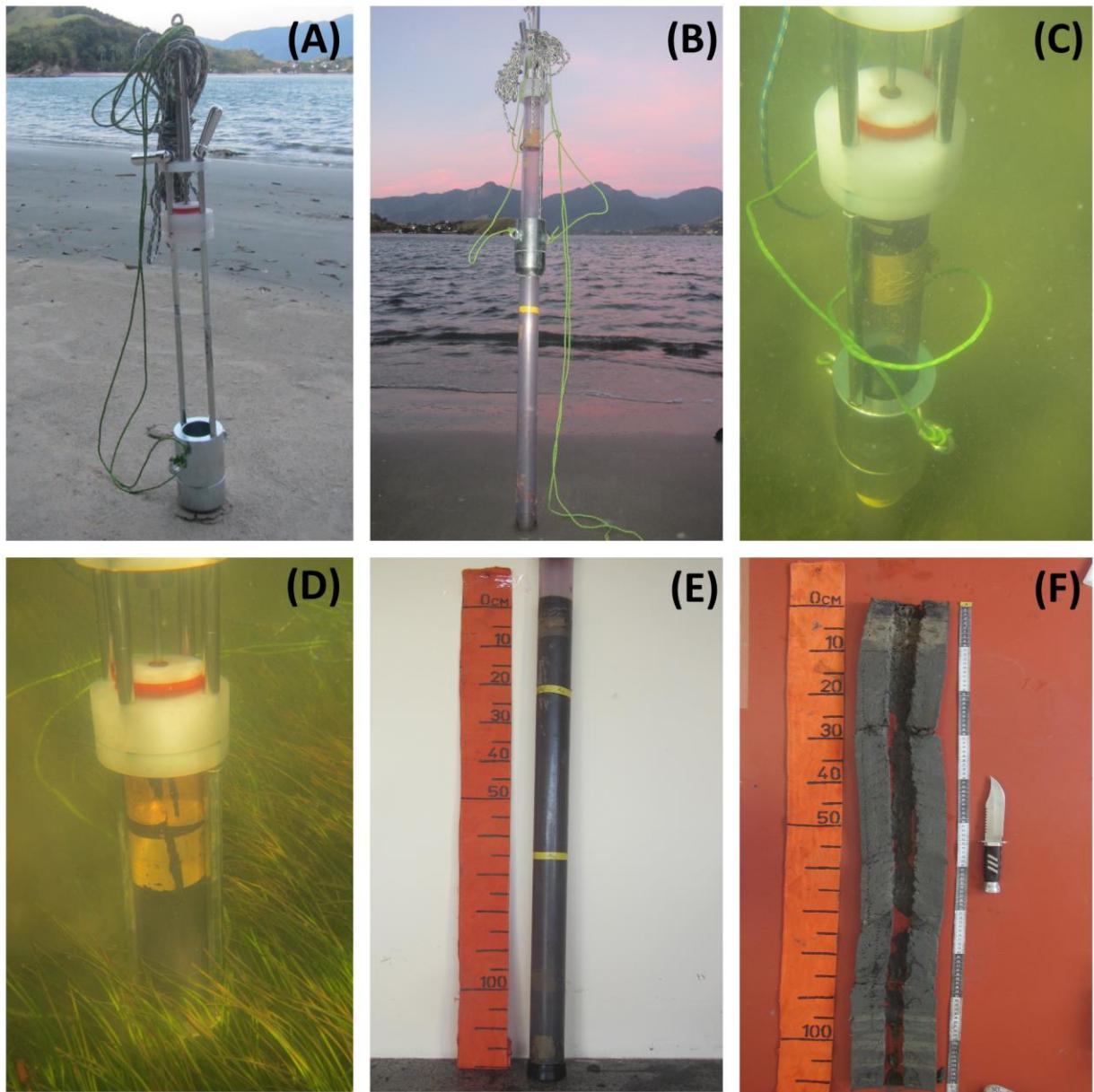


Fig. S2 Overview of the soil sampler (A) with the tube attached (B). Remote hammering action (C and D) to insert the tube into the soil, a soil core (E) and seagrass soil profile (F).

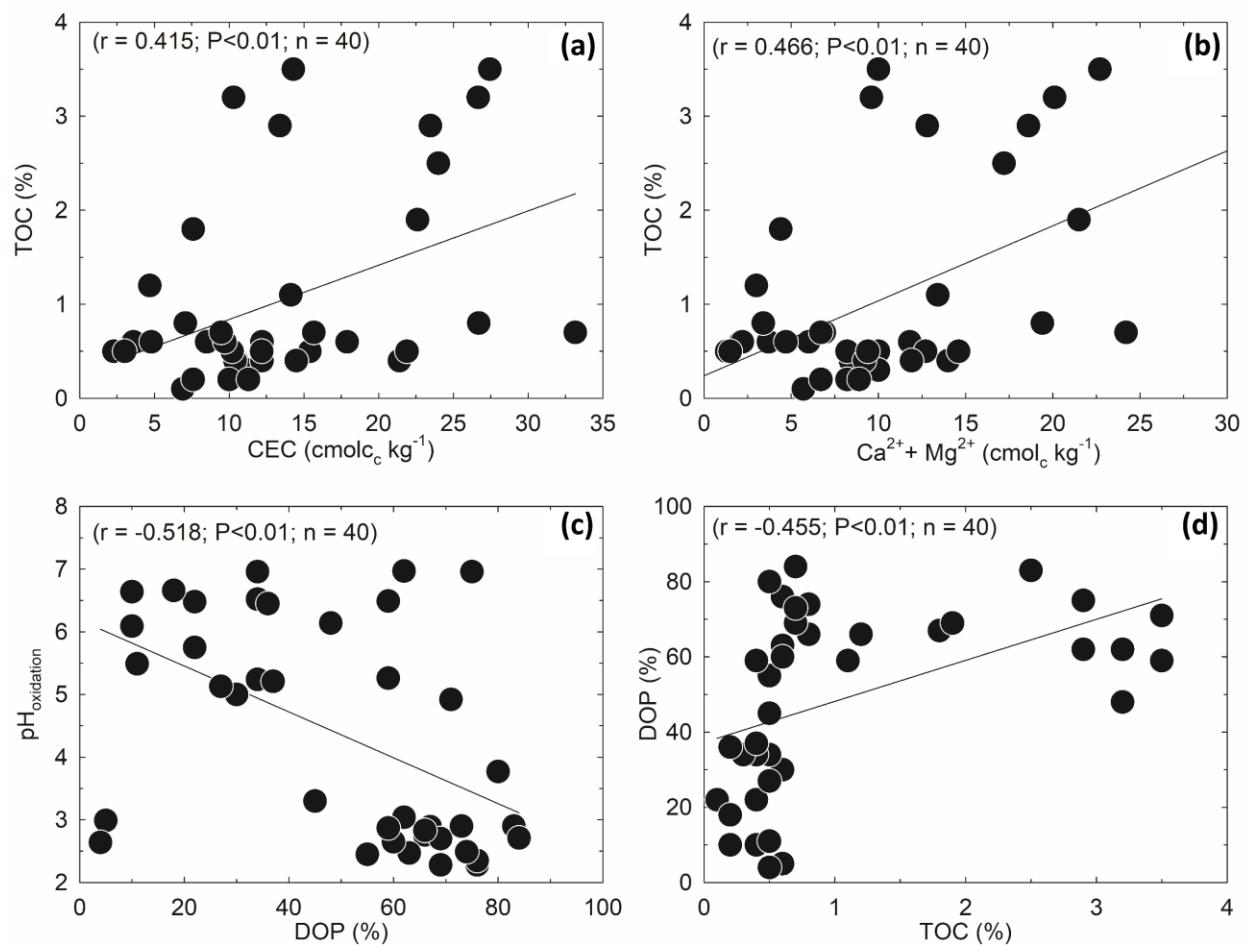


Fig. S3 Correlation of the studied variables for the studied soils. (a) Cation exchange capacity (CEC) and total organic carbon (TOC); (b) TOC and exchangeable $\text{Ca}^{2+} + \text{Mg}^{2+}$; (c) Degree of pyritization (DOP) and $\text{pH}_{\text{oxidation}}$; (d) TOC and DOP.