

Project Update: May 2017

Second fieldwork campaign was concluded. Sediment and leaf litter samples were obtained for biological nitrogen fixation essays at the six study sites in the Estuarine-Lagunar Complex of Cananeia-Iguape, totalling 42 sediment and 42 leaf litter samples. Tree height and diameter at breast height were recorded in one plot at each study site to describe vegetation structure, totalling 120 trees measured. Estuarine water was collected at the study sites and in the Valo Grande channel for nutrient concentration and $\delta^{15}\text{N}$ analysis. In total, about 14 litres of estuarine water was collected. Currently, samples are being processed and analysed in laboratory, and all results are starting to be analysed."



Collection of estuarine water in Cananeia Island, Brazil. Photo taken by Beatriz de Campos.



Collection of leaf litter in Cananeia Island, Brazil. Photo taken by Beatriz de Campos.



Collection of sediment in Cananeia Island, Brazil. Photo taken by Sara Aleixo de Brito.