

Project Update: July 2011

We evaluated an entire rice campaign (5 months). We sampled macro invertebrates, physicochemical factors, nutrients and pesticides concentrations in three main points (main irrigation canal, main collector drainage and the water channel that ends on the San Pedro de Vice mangroves). We also evaluated three rice fields at the entrance of water at the output of the plot. We took 108 samples of macro invertebrates and we are analysing them at the lab. However, we found families indicating better and worse water quality conditions at the different sampling points. Up to now, we found Benalaxil, Carbofurano, Cipermetrina, Clorobencilato, Endosulfan sulfato and Fenvalerate in different sampling points included the mangroves. Nutrient concentration was low in the drainage water and higher after the crop and in the channel to the mangroves. We have done 53 interviews to rice farmers and we have important information about how they use pesticides in the area.

