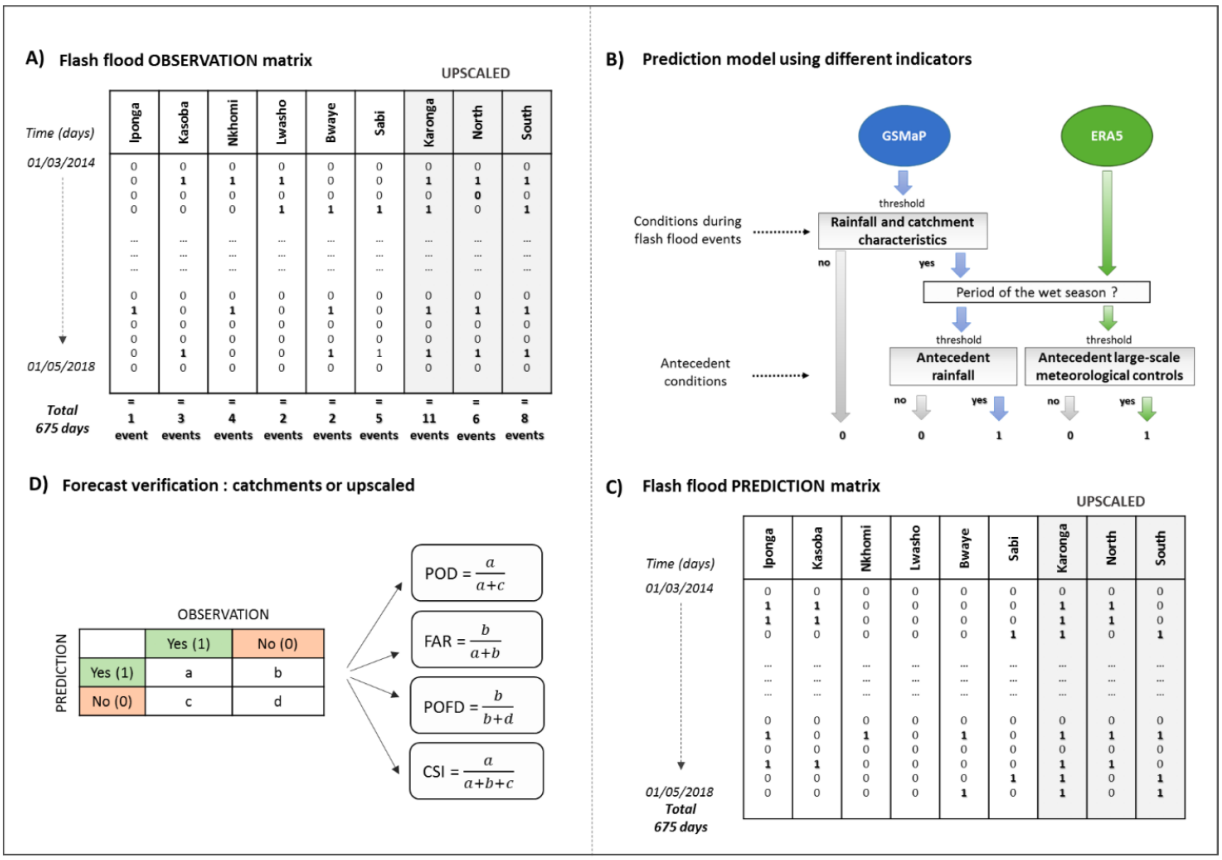

Fig S5.1.1.a: Prediction model and verification workflow. The same workflow has been applied first for each catchments, then at the scale of North Karonga (Iponga, Kasoba and Nkhomi catchments), South Karonga (Lwasho, Bwaye and Sabi catchments) and finally for the entire Karonga district.

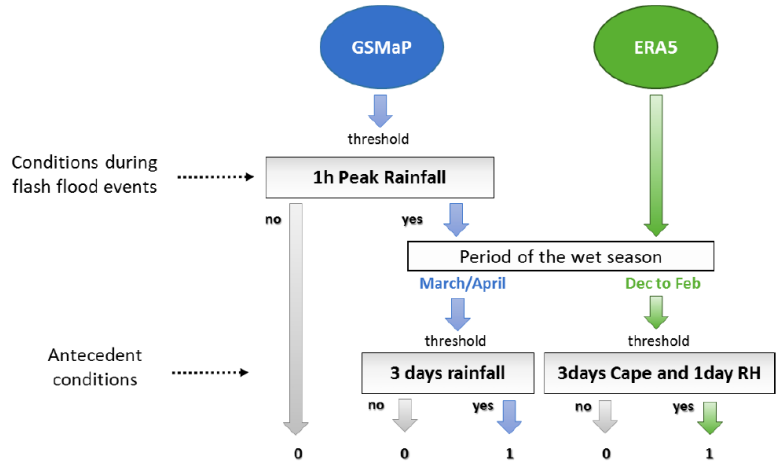

Fig S5.1.1.b: Flash flood prediction model workflow. Cape and RH refer to the ERA5 Convective Available Potential Energy and Relative Humidity parameters.