A sediment budget is a balance of the sediment volume entering and exiting a particular section of the coast or an estuary. Sediment budget analysis consists of the evaluation of sediment fluxes, sources and sinks from different processes that give rise to additions and subtractions within a control volume (e.g. a section of coast or an estuary) in order to gain a better understanding of the estuary system. The sediment budget was developed using an approach based on the concept of two types of behaviour: deposition during calm periods and erosion during wavy periods. During calm periods marine derived sediment enters the estuary and settles on intertidal areas.