With the unprecedented flooding of the West African coasts in the recent years, it is pertinent to adopt a more sophisticated method for routine check of this menace. The paper exposes the methods that have over the years been used to check flooding within this area of interest and advocates for the use of satellite altimetry in the monitoring of flood in the West African coastal regions.

It goes ahead to outlining the kinds of data derived from altimetry and the analysis of their relevance in flood monitoring.

It finally, summarizes the advantages of consistent flood monitoring to the West African coastal regions and tends to project into the need for collaborative efforts of the global scientists in tackling flood related problems.