

Background

Project FRIEND has established close links with WMO's Commission for Hydrology programme on disaster mitigation on floods. This will be a contribution to the joint UNESCO-WMO-IAHS International Flood Initiative (IFI).

Mapping FRIEND flood activities will help in identifying the action points within IFI.

FRIEND has eight regional groups: Northern Europe, Alpine and Mediterranean-AMHY, Latin America and Caribbean-AMIGO, Southern Africa, West and Central Africa-AOC, Asian Pacific, Hindu Kush Himalayas and the Nile basin group.

Among these, six groups deal with flood issues: Northern Europe, Alpine and Mediterranean-AMHY, Latin America and Caribbean-AMIGO, Asian Pacific, Hindu Kush Himalayas and Nile basin group

Latin America and Caribbean-AMIGO

Within FRIEND-AMIGO there are five research groups. One group works in the field of flood. The name of the research project is: 'Floods'.

Objectives:

- To establish through the internet a service of probabilistic evaluation of maximum hydrological variables
- To support the work of meteorological and hydrological services in extreme hydrological situations
- To improve the knowledge of the hydrological processes linked with heavy rains
- To develop the appropriate method for analysis of extreme hydrological phenomena
- To create a hydrological and physiographic database which permits:
 - Regional and singular analysis of the maximum extreme values of precipitation
 - Vulnerability and risk analysis
 - Digital maps of precipitation and flow index
 - Quality control of the available information.
- To contribute to the environmental education of politicians, decision –makers and the population in general.

Scope: Latin America and Caribbean

Expected outcomes:

An internet-based service of probabilistic evaluation of maximum hydrological variables.

Time schedules: Not as yet defined

Methodologies adopted:

To be defined, not visible from the document.

Partners involved:

Related events:

No events related to flood.

