

FACTORS AFFECTING THE CHANCE OF A FLOOD AND THE SHAPE OF THE FLOOD HYDROGRAPH

PHYSICAL FACTORS

- 1. RAINFALL EVENT (amount, intensity, duration)**
- 2. PREVIOUS RAINFALL (soil saturation / season)**
- 3. SOIL / ROCK TYPE (perrmeable / impermeable)**
- 4. VEGETATION**
- 5. RELIEF**

HUMAN FACTORS

- 1. DEFORESTATION**
- 2. AFFORESTATION (habitat management)**
- 3. URBANISATION**
- 4. INTENSIVE AGRICULTURE**
- 5. WILDFIRES**

