

Global Flood Analysis

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The main idea of this project is to establish connection between flood events and socioeconomic damages for 30 countries globally. Students will quantify the patterns that may connect the floods and damages. Students will investigate how the duration of flood events will impact the socioeconomic factors and losses.

They will use the following data:

- Flood occurrences, total damage, total affected and total deaths
- Flood duration and frequency
- Countries: USA, China, India, Indonesia, Philippines, Australia, Vietnam, Brazil, Bangladesh, Mexico, Iran, Afghanistan, Russia, Thailand, Pakistan, Nigeria, Malaysia, Kenya, Canada, Colombia, Peru, Turkey, Nepal, France, Romania, Ethiopia, Somalia and New Zealand