Besides calculating the impact of floods, FLIAT comes with a webGIS visualisation application. The 3D environment is built by using Cesium 3D Openlayers.

**LOW ELEVATION AREAS ARE AT RISK**

Increasing frequency and severity of storm surge events worldwide.

**PUBLIC AWARENESS LAGS BEHIND**

Although scientists widely stress the compelling need to mitigate and adapt to climate change, public awareness lags behind.

**ADAPTATION TO CLIMATE CHANGE**

Since floods cause:
- damage to energy and transportation infrastructure;
- disruption to the delivery of services;
- a devastating tool on public health.

Vital infrastructures are going to be affected.

**WHY A WEBGIS?**

To inform the community of the effects of coastal flood events

- it quickly conveys strong messages
- condenses complex information
- engages people in issues of environmental change
- motivates personal actions.

**WHY IN 3D AND NOT 2D?**

- It makes it more likely to imagine the consequences of the flood
- It is more vivid and therefore more understandable
- It helps the user to better imagine how serious the flood could be
- It shows the consequences better for the environment

**CASE STUDY: NEW YORK, USA**

For more information go to www.fliat.be