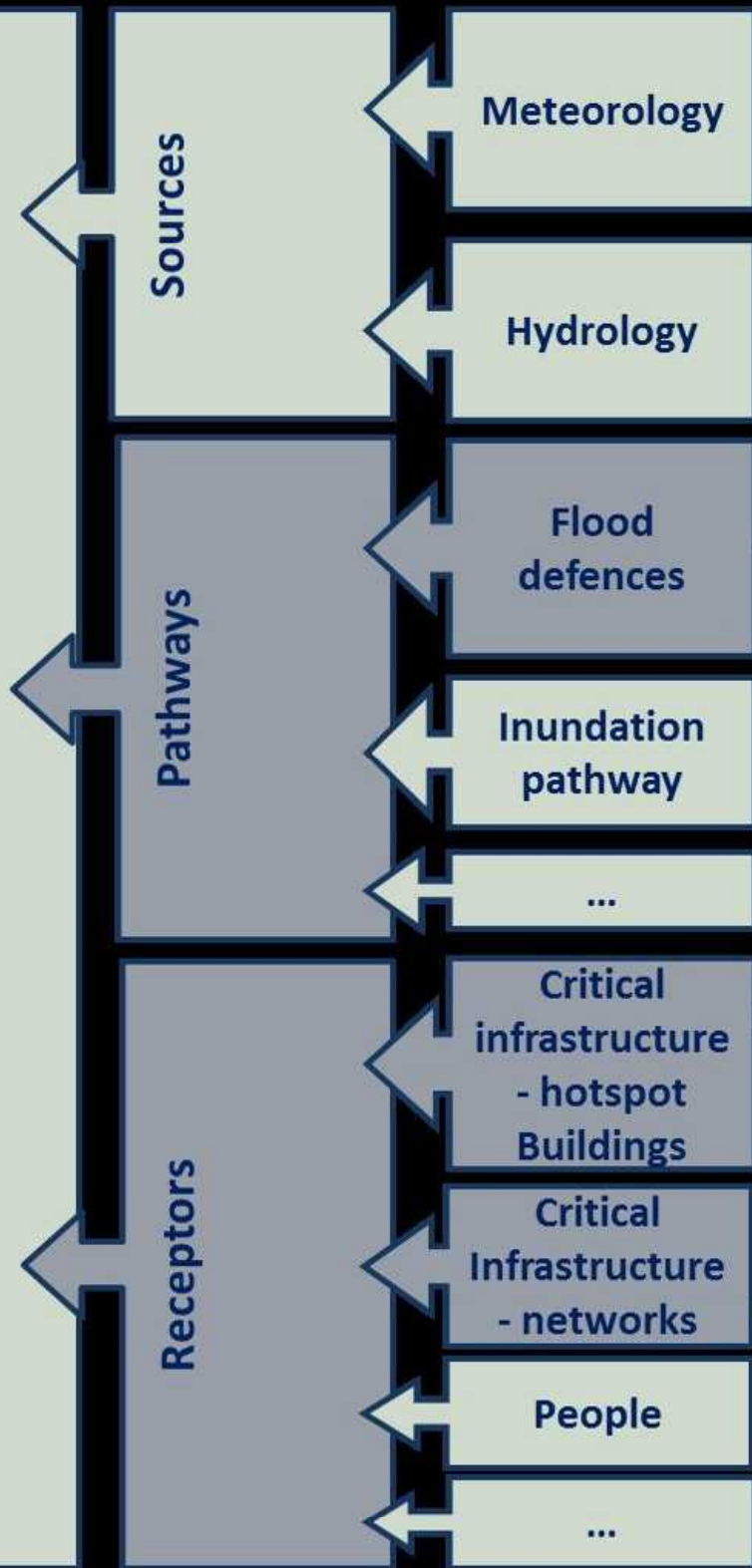


Flood risk management (planning)

Decision making



Flood defences

Flood risk analysis

- Levee segment analysis - Internal erosion, Structure transitions and Vegetation performance
- Levee system analysis - Rapid levee assessment through geophysics and remote sensing
- Combining information sources

Risk mitigation

- Multifunctional flood defences
- Technology for erosion reduction (BioGrout)

Critical infrastructure - buildings

Flood risk analysis

- Damage analysis of hotspot (or critical infrastructure) buildings

Risk mitigation

- Flood-proof hotspot (or critical infrastructure) buildings
- Smart shelters

Critical infrastructure - networks

Flood risk analysis

- Risk assessment tool
- Network dependencies tool
- Storyline method
- Quick scan analysis

Risk mitigation

- Innovative road and bridge technologies