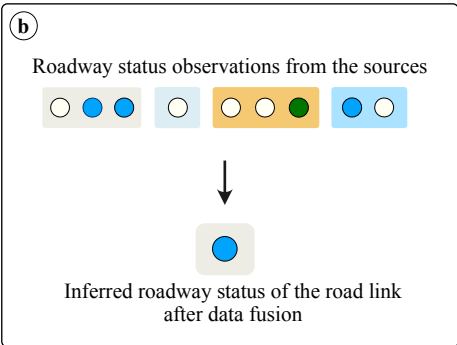
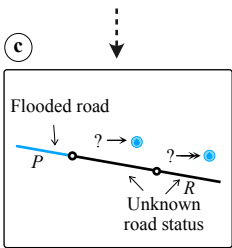


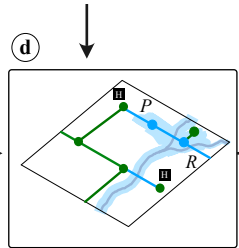
Repeat for every link in the network at each time step



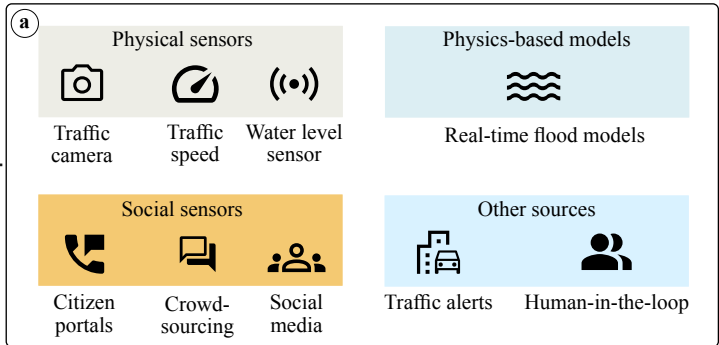
Fuse real-time flood observations for each road link



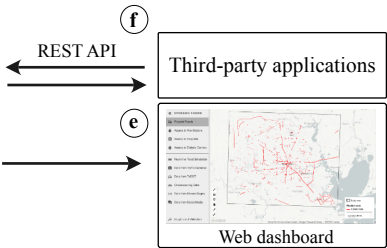
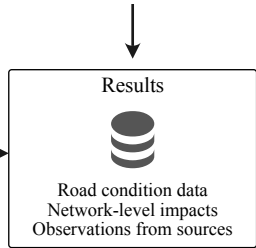
Data augmentation



Real-time network analysis



Collect, process, and geolocate real-time observations at each time step



Communication

- Flooding observed
- Normal road observed
- No observations
- Flooded roads and nodes
- Open roads and nodes
- Flood (fluvial and pluvial)