

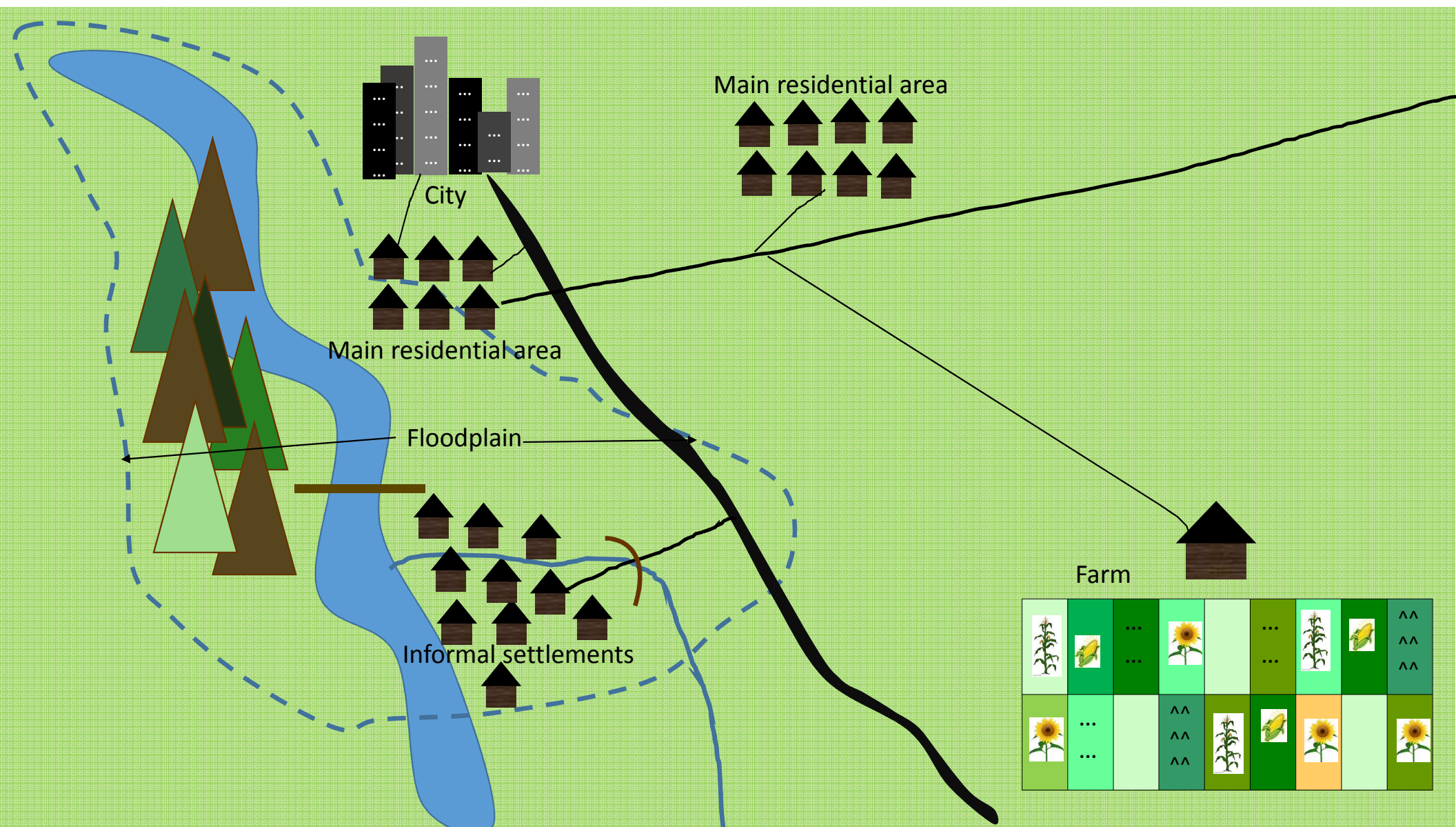
Vulnerability Assessment Exercise Part 2

Paul Kucera

UCAR/COMET

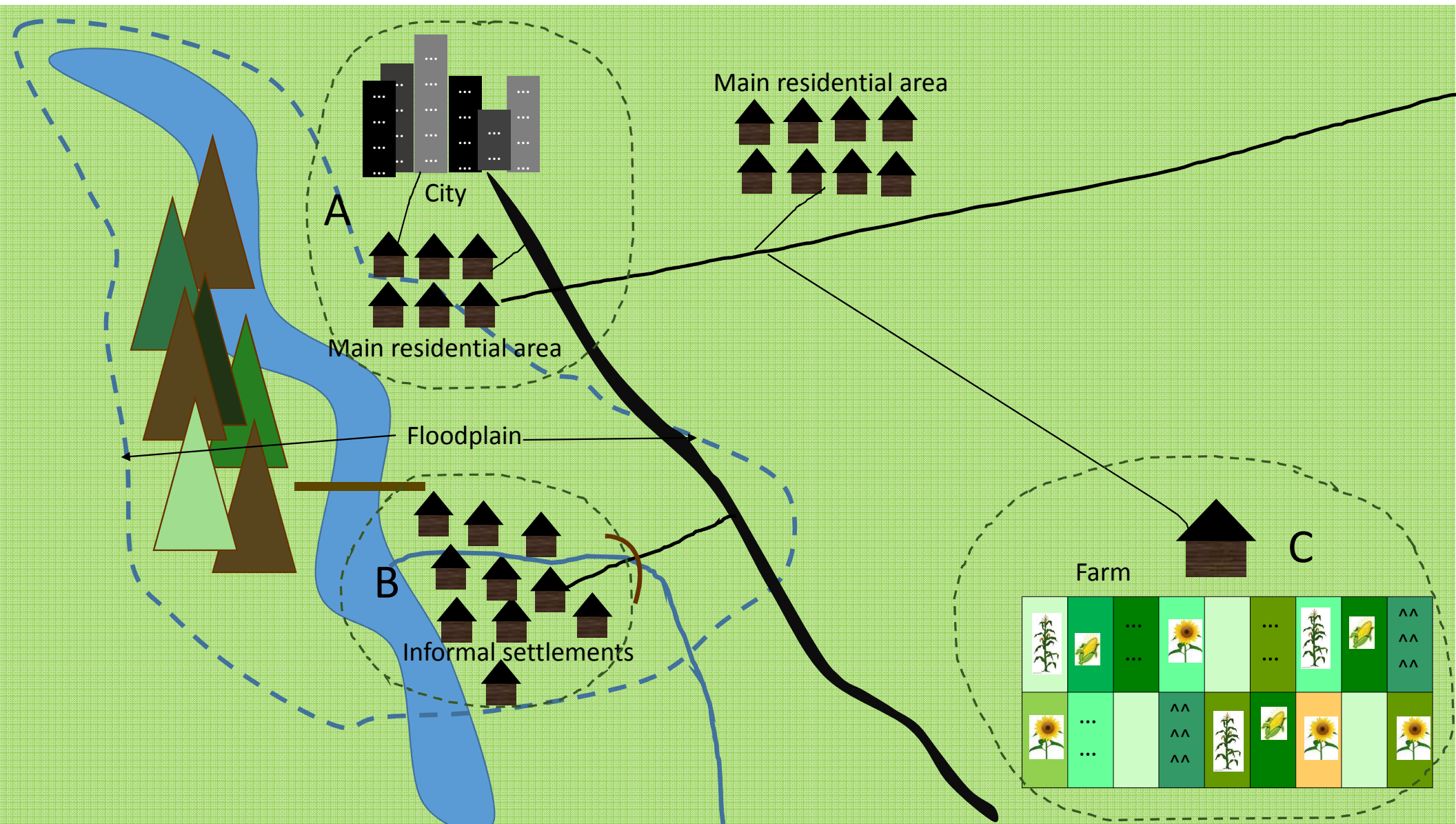
9th WMO/Meteo-France RA I Tropical Cyclones Training Course

Exercise developed by Elizabeth Webster
South African Weather Service



Farm

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- The region is expecting 100mm of rain in 24 hours
- The river stage is already at bank full

Question: What level of impact would each area marked A, B and C be?

Levels of Impact

- Area A: Significant
 - Flooding of roads and settlements
 - Major traffic disruption
 - Possible damage to roads
 - Damage to property and infrastructure (due to flooded houses)
- Area B: Severe
 - Widespread flooding of houses (all houses in area will be affected)
 - Widespread transport routes and travel services severely affected
 - Major roads and bridges washed away
 - Large communities not accessible (Bridge could be washed away)
- Area C: Minor
 - Crop damage due to flooding in fields
 - Lack of access to fields

- What would the overall impact level be for the entire region?
 - Would you use 'Most Likely Situation' or 'Worse Case Scenario'???

- Use Most Likely Case
- Significant impacts with highlighting possible severe impacts for certain areas, like area B