Vulnerability Assessment
Exercise Part 2

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Exercise developed by Elizabeth Webster
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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