Advanced GIS Virtual Training Course- Day 04- Introduction to Spatial Risk Assessment

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Roadmap

- Day 02 - 03 review
- GIS steps for SRA- Exercises
- Wrap-up & next steps

Day 04 timetable

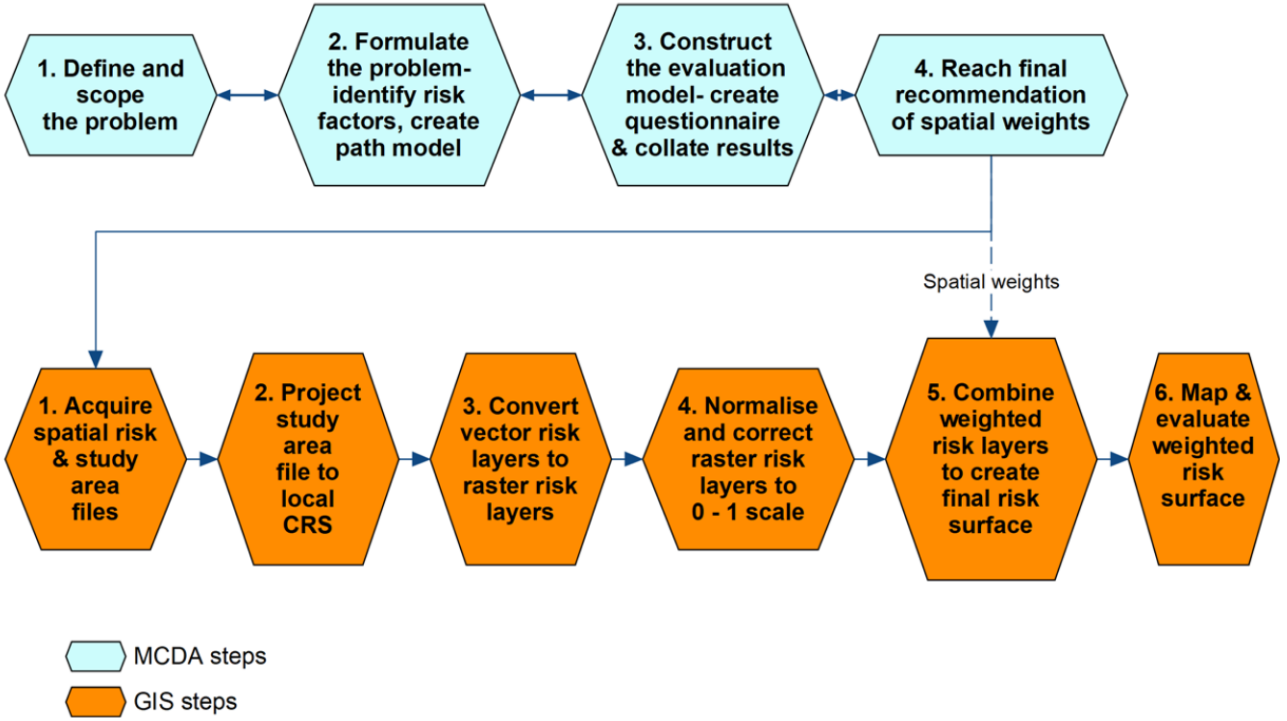
Times	Activities
10:00 - 10:15	Review Day 02 - 03 and today's content
10:15 - 10:25	Download files for exercises
10:25 - 11:00	Exercise 1- Individual student activity in breakout room
11:00 - 11:25	Exercise 2- Group activity in breakout room
11:25 - 11:30	Wrap-up

Review and next steps

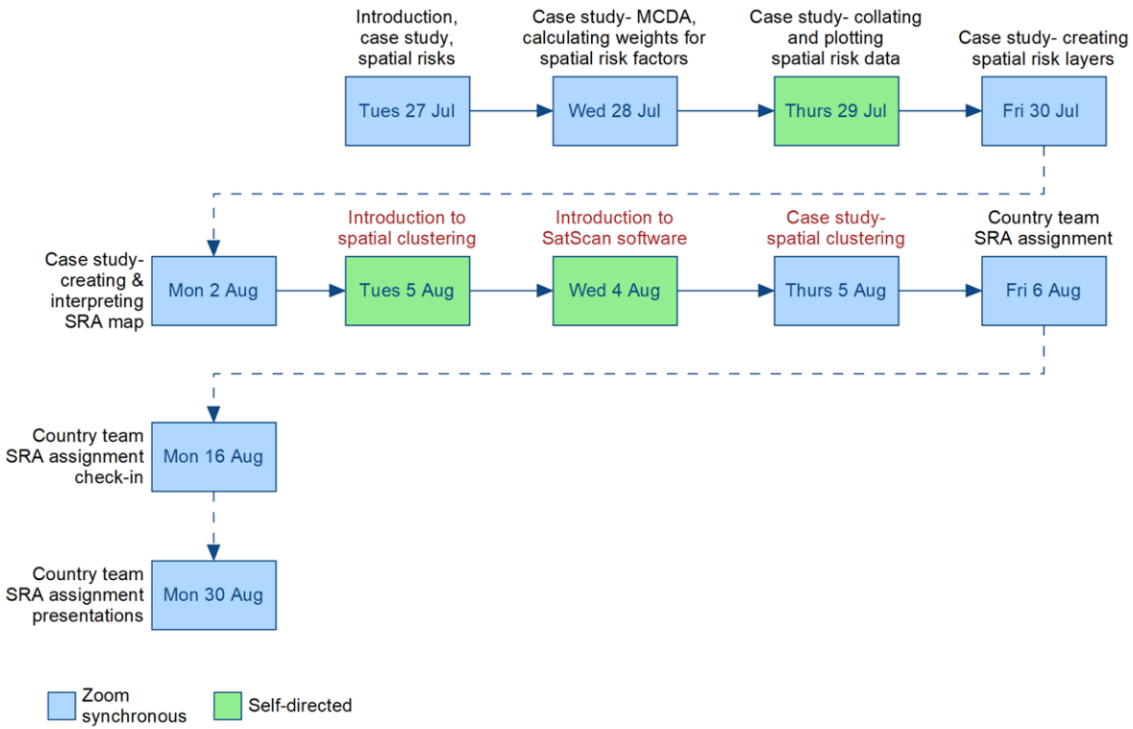
Review- Day 02- MCDA

- Step 3- Construct the evaluation model

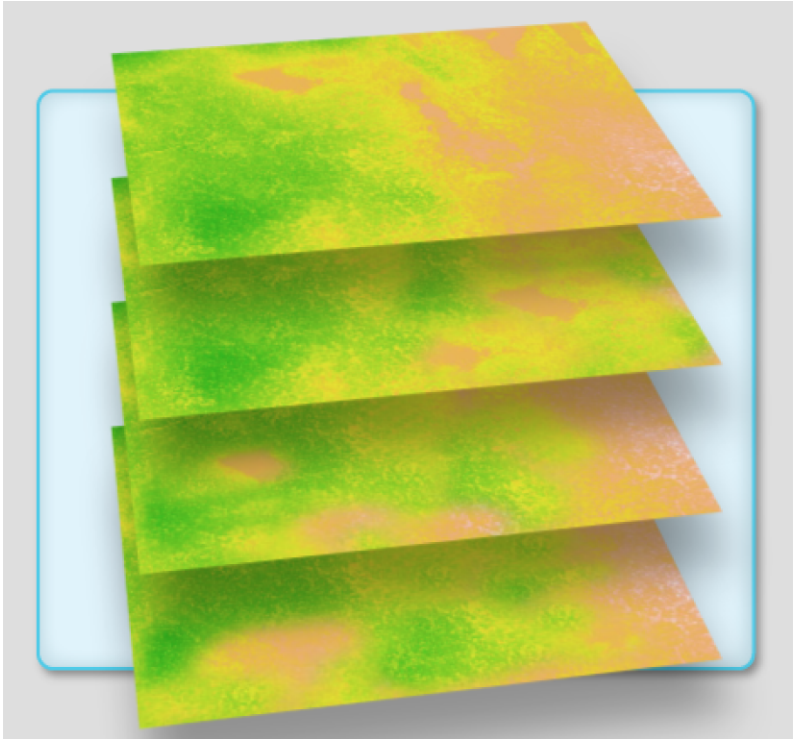
Review- Day 04- Spatial risk assessment-GIS steps

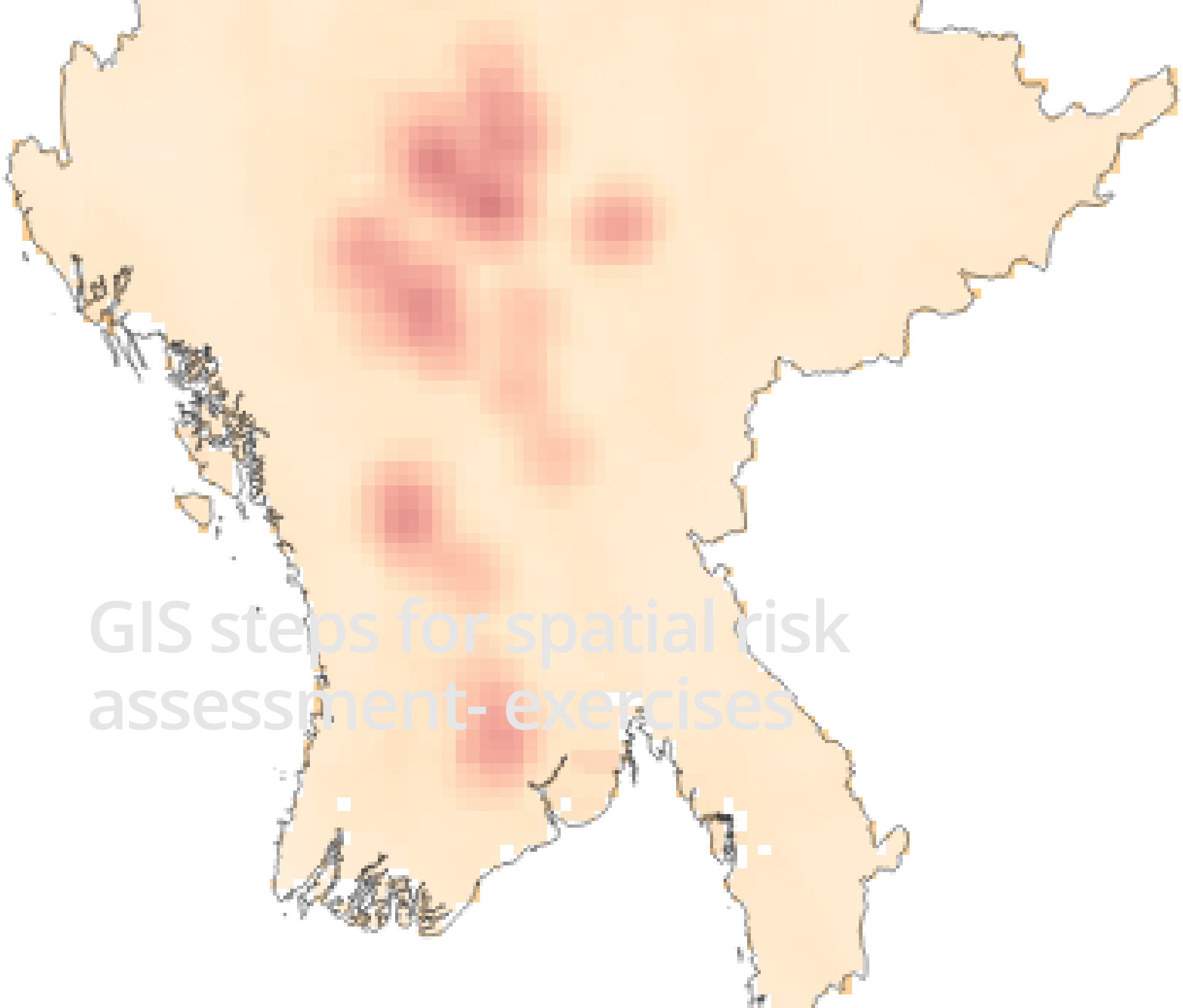


Where are we going?



Combining raster layers




GIS steps for spatial risk
assessment- exercises

Dowload files for exercises

- Download from the Spatial Risk Assessment section in Stream the following files in the “Spatial Risk Assessment files” folder
  - RiskLayers.zip
  - Day04-SpatialRiskAssmnt-MMR.docx

Exercise 1- Individual student activity in breakout room

- At 10:25 approx. you will be placed in Breakout Rooms (same as Day 01)
- Work individually (mostly) until 11:00 on the GIS steps in Sections 2 and 3 of Day04-SpatialRiskAssmnt-MMR.docx
- Support oneanother to problem-solve

Exercise 2- Group activity in breakout room

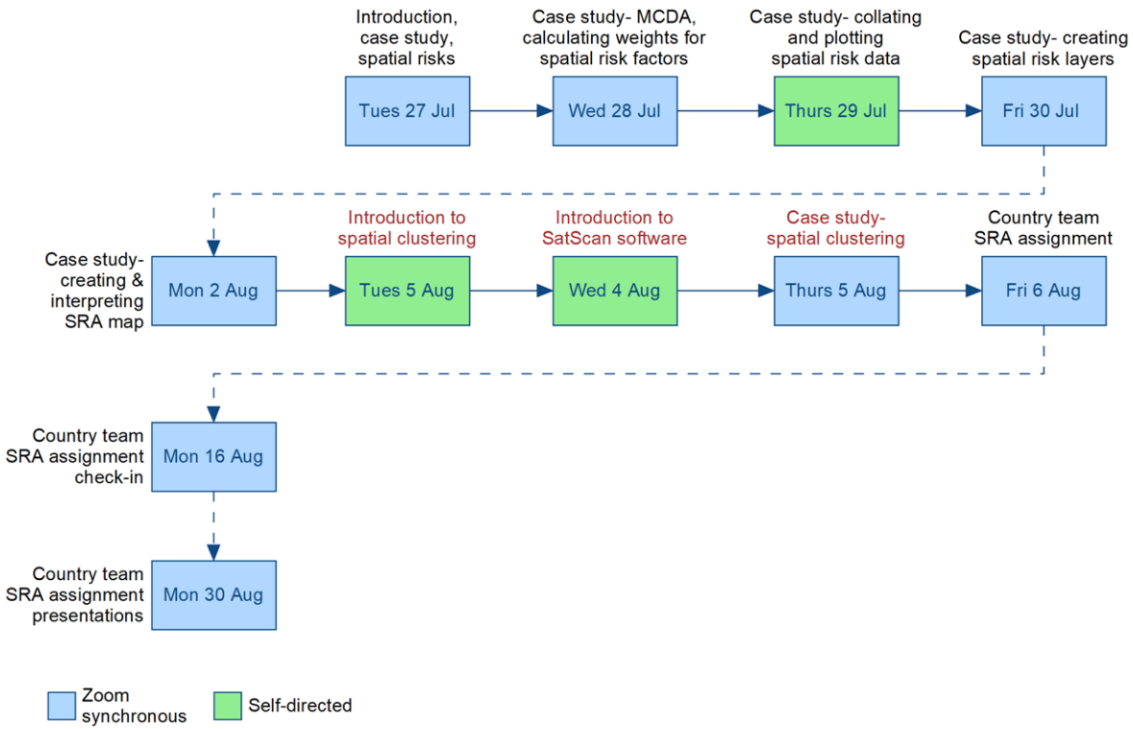
- Nominate a student to record your findings in a document e.g. Word or Powerpoint
- Answer the questions in Exercise 3.1 in Day04-SpatialRiskAssmnt-MMR.docx within your group
- Post your answers to the questions on the Stream forum (if possible before 11:25)

Exercise learning outcomes

- Be able to:
  - Create a final SRA map from prepared raster risk layers
  - Critically evaluate the SRA map

Wrap-up & next steps

Course progress



Activities for Tues 03 - Wed 04 Aug

- Review SRA teaching material (Notes, exercises and presentations)
- Download teaching material on analysis of spatial clustering (to be advised)
    - Read and follow exercises