

Building a Community Understanding of Flood Risk in Southwell

Workshop Two - Agenda

- 19:00 Participants arrive
- Welcome and introductions to new participants
- 19:10 Opening presentation on the previous workshop outcomes, work behind the scenes, workshop schedule, and workshop two aims (followed by brief Q&A)
- 19:20 Introduction of system dynamics, the concept of the feedback loop, and presentation of flow diagram
- 19:30 *Group discussion of flow diagram, including worked examples for Activity III*
- 19:40 *Modelling activity III: Stock and flow diagram*
- Working in two groups (different groups to last time), participants use the variables generated in workshop one to structure a cause-effect diagram around the flow diagram presented earlier. Groups identify the polarity of relationships.
- 20:00 Refreshments break (with mid-session questions)
- 20:10 *Continue with modelling activity III*
- Groups continue to add the variables to the stock and flow diagram. New variables are added to complete cause-effect pathways. Feedback loops may emerge – if so they should be carefully checked to ensure they make logical sense.
- 20:30 Groups report back
- Each group presents their diagram to the whole group, highlighting key relationship structures, any feedbacks that emerged. Questions about the model structure and the differences between the two groups' diagrams are encouraged. This will inform the merging of the two diagrams before workshop three.
- 20:50 Closing remarks and session evaluation
- 21:00 Close of session (session may finish earlier if all tasks are complete)