

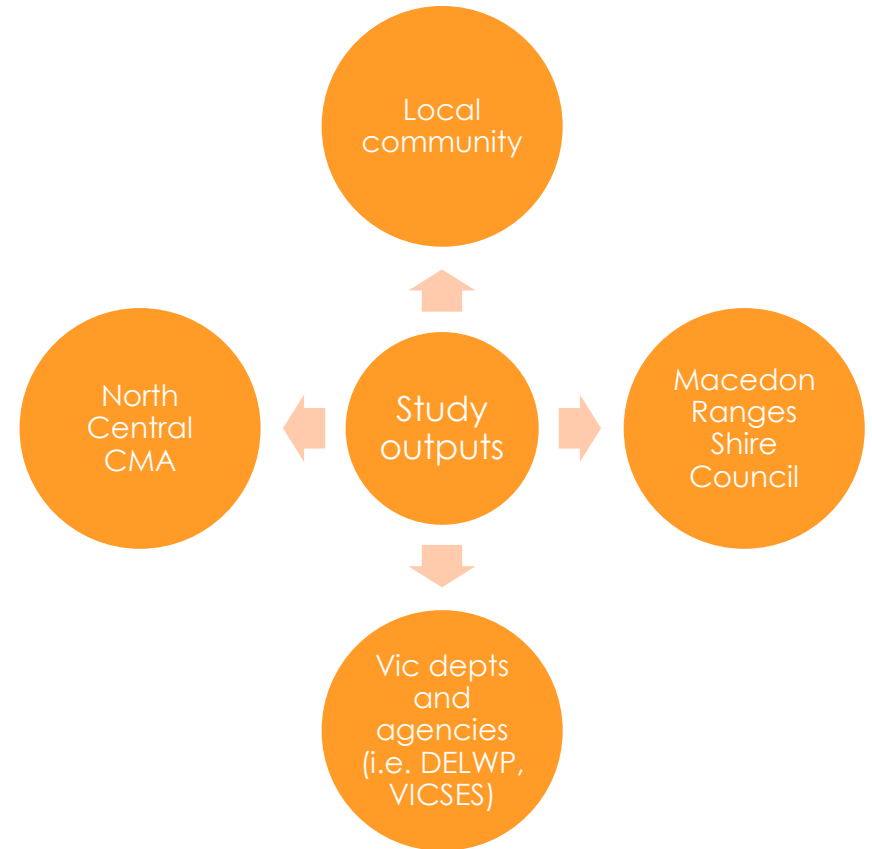
Woodend Flood Study

Community Information Session



Background / Context

- Objectives:
 - Understanding of flood behaviour, hazard risk and impacts
 - Provide basis for further flood risk management investigation
- Historic floods
- Previous studies



Overview of Our Approach

- Data collation and review (incl. survey)
- Targeted community consultation
- Hydrological modelling
- Hydraulic modelling
- Model calibration and validation
- Flood mapping
- Reporting

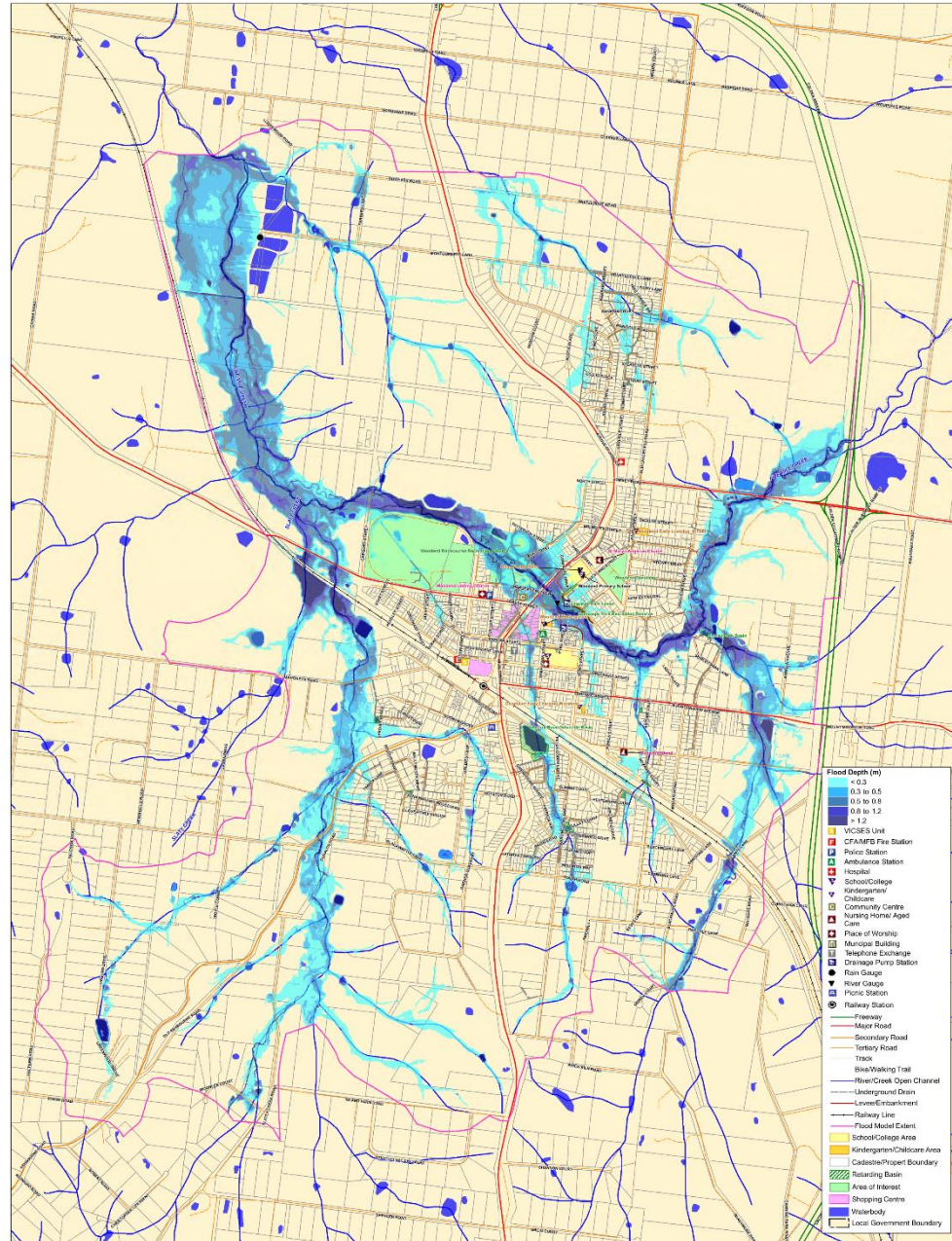


Study Outputs & Outcomes

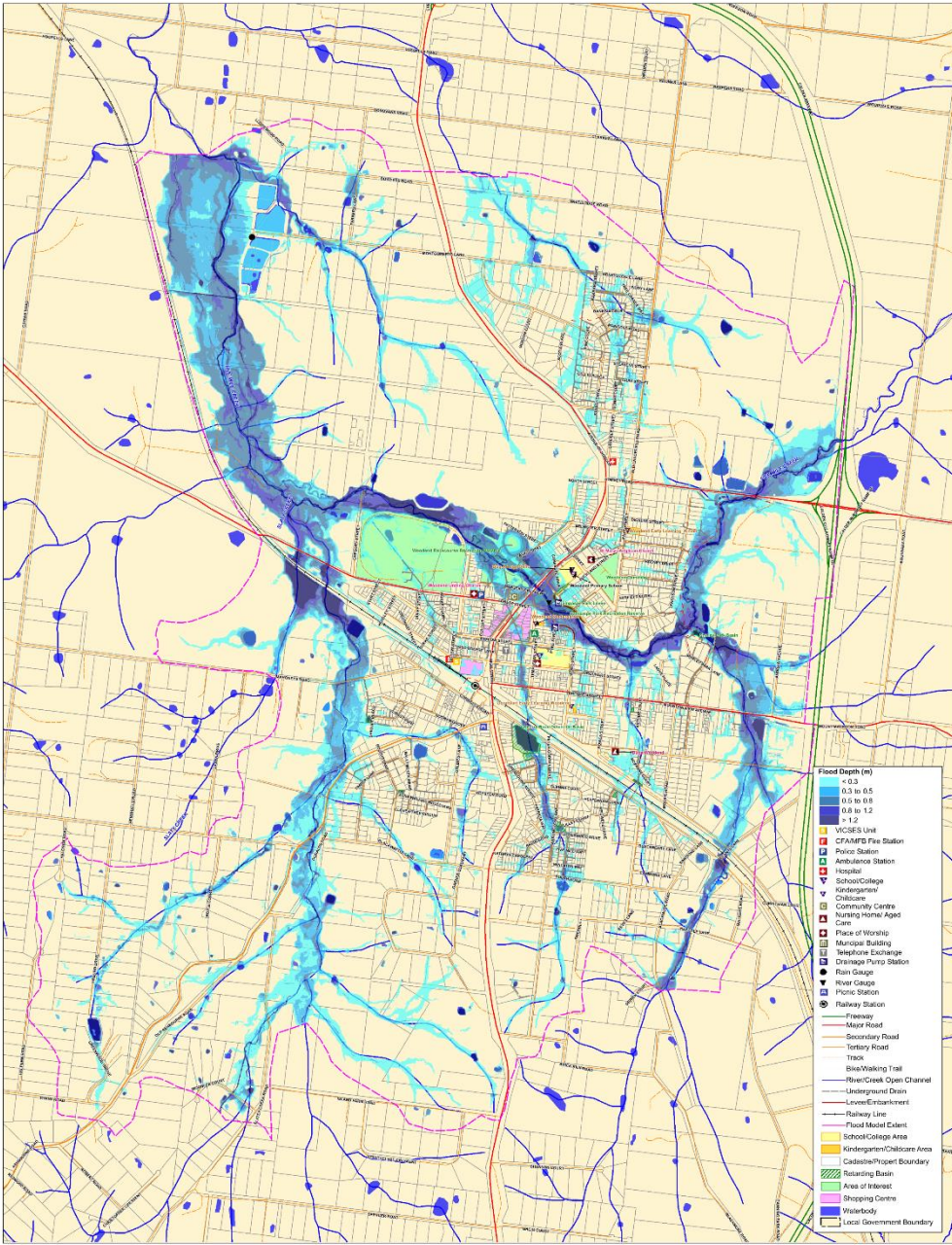
- Hydrological model calibrated to 1993, 2010 and 2011 events
- Hydraulic model calibrated to 1993 and 2011 events
- Improved flood intelligence – flood preparedness and response plans
- Flood mapping suitable to implement land use planning & development controls
- Community education
- Flood study report



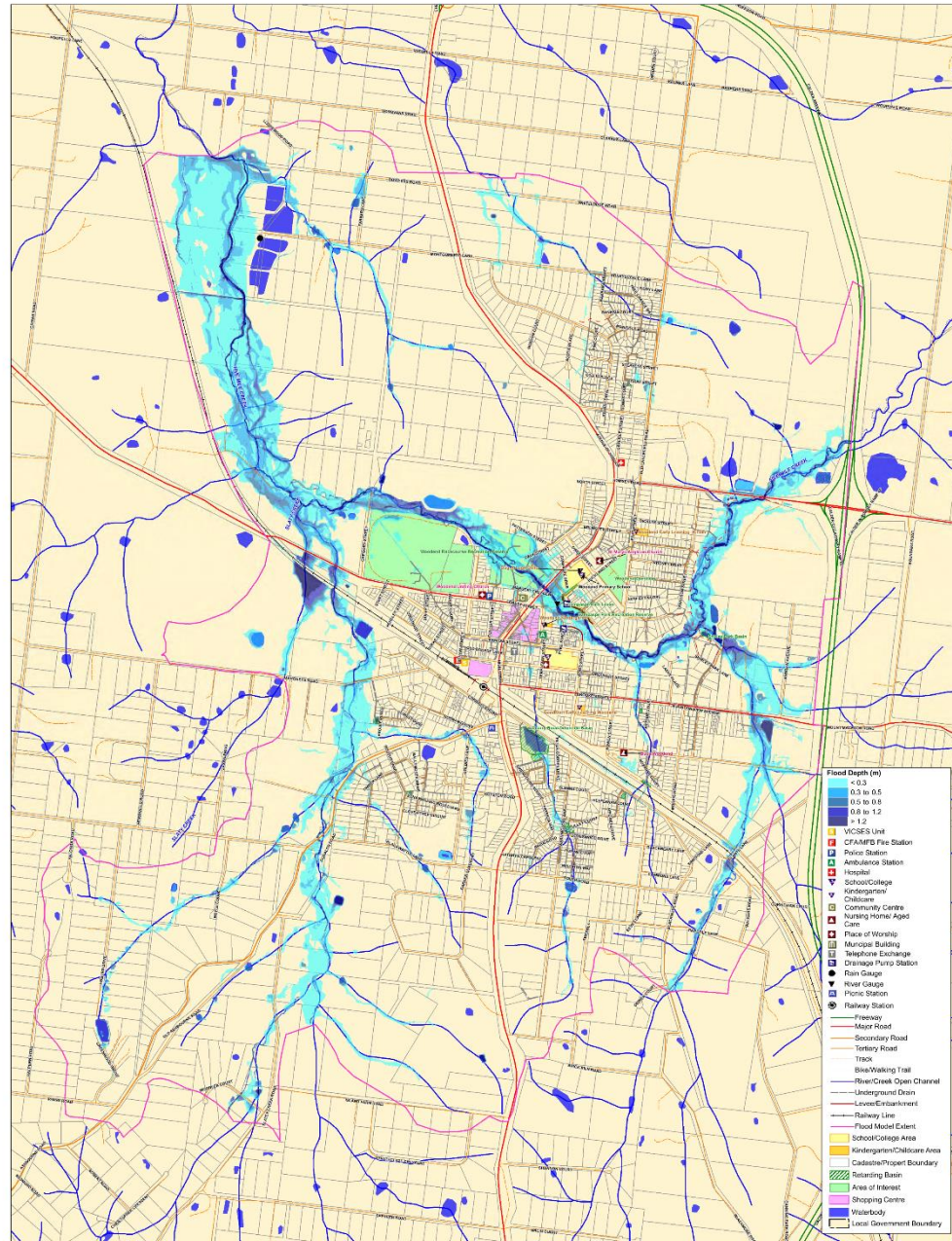
Flood Mapping Results – 1% AEP Flood Depth Map



Flood Mapping Results – 1% AEP + Climate Change Flood Depth Map



Flood Mapping Results – 0.2EY Flood Depth Map



Where To From Here?

- Land use/development controls
- Flood emergency plan updates
- Separate mitigation study

Questions?

How to find out more?

How do the outcomes of this study affect me?

What can I do to manage my flood risks?

