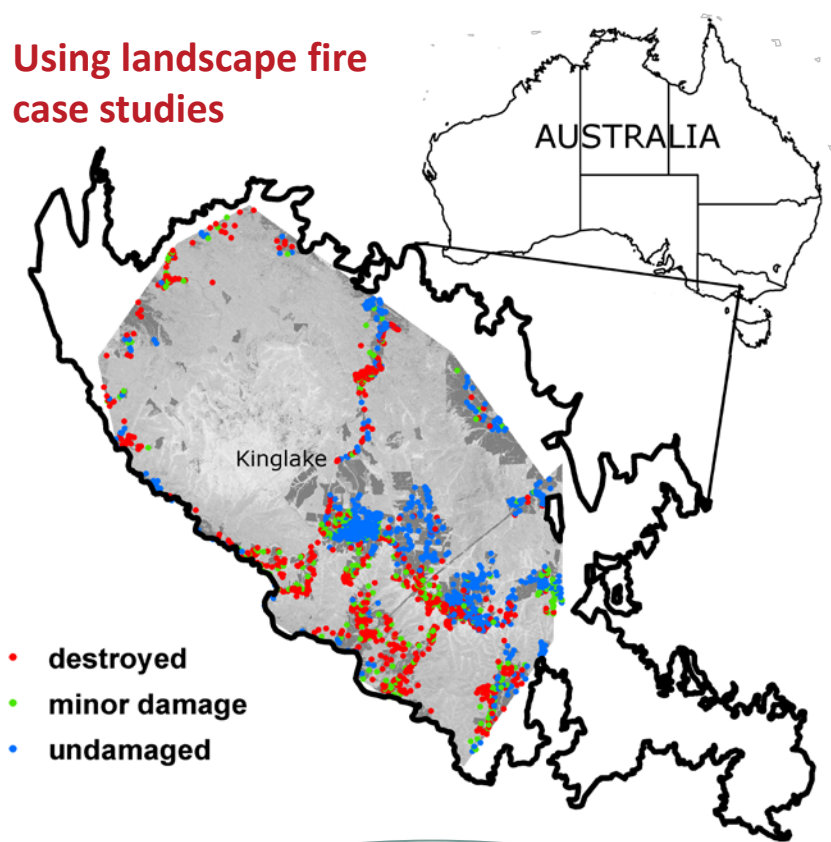


VULNERABILITY AND IMPACT MODELING

Fire Impact & Risk Evaluation - Decision Support Tool - FIRE-DST

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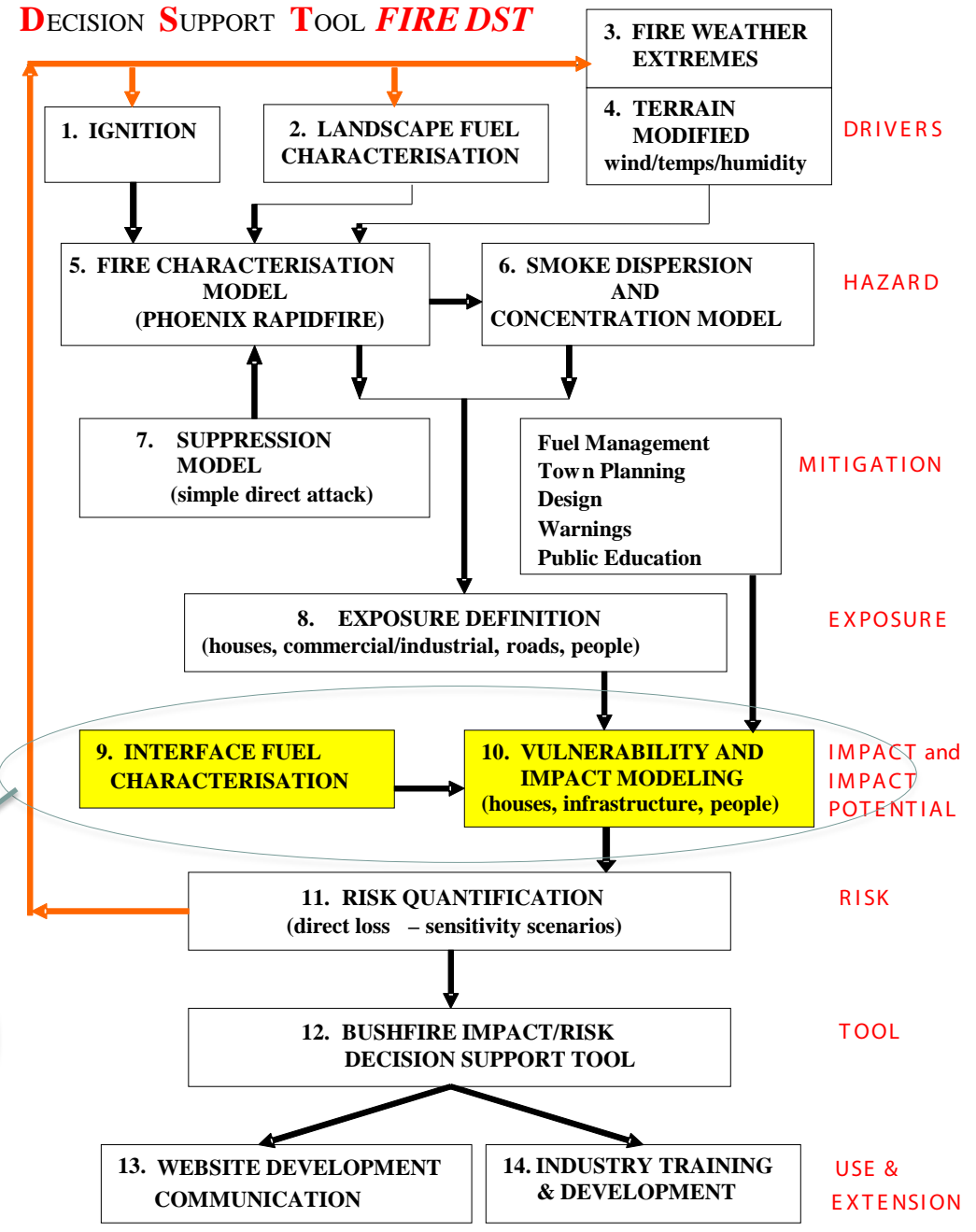
Using landscape fire case studies



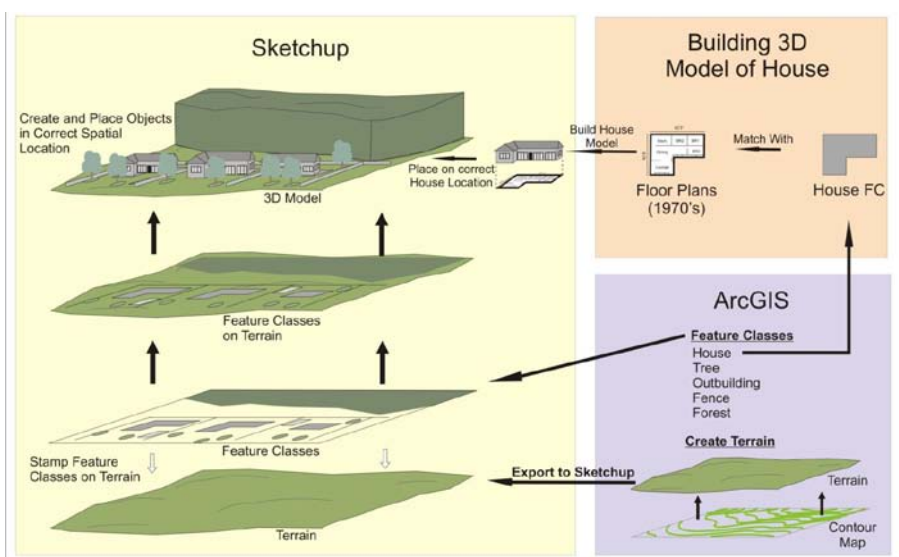
Objectives:

- Contribute to the development of a landscape scale risk assessment tool by linking it to the urban scale
- Provide fine scale analysis of urban interface fire impact to inform landscape scale risk mapping
- Develop techniques for automated remote sensing characterisation of the urban interface
- Characterise the fuels that play a role in community and house loss risk to inform urban design and urban fire simulation

DECISION SUPPORT TOOL FIRE-DST



Fine scale modelling linked to landscape scale parameters:



Remote sensing techniques for automatic extraction of forest boundary and fuel classification:

