



















ecision Support Tools for Analysis and Management of Bushfire Ri

- **→** How can the Bushfire CRC help?
- Benchmarks for qualitative and quantitative computations used in software tools for bushfire risk analysis and management. Needs to be flexible and transparent. (e.g. 95 percentile weather conditions, fire behaviour equations)
- Multi-platform software engine for 3-D/4-D spatialtemporal simulation. Most commonly used commercial software are not geared for efficient computer processing and effective visual simulation. Hardware, software and user skill needs to be matched.





Decision Support Tools for Analysis and Management of Bushfire Risk

## How can the Bushfire CRC help?

- Bringing together researchers working on active and passive sensor technology for fire management. Multiple fire agencies are undertaking similar research in remote sensing technology. Need to reduce duplication of effort and strengthen partnerships.
- Spatial and a-spatial data standards and database models for fire history, vegetation (e.g. NVIS), weather and topography information - need to involve commonwealth agencies (e.g. Geoscience Australia, BoM, Dept. of Environment and Heritage)

