

Geoscience Australia

- The inclusion of detailed building level information to improve exposure;
- Human factors and wind damage to determine building vulnerability;
- Using the new Bureau of Meteorology ACCESS Numerical Weather Prediction (NWP) system to provide high temporal and spatial resolution meteorology;
- The development of very-high resolution (30m) local wind modifiers;
- Changes made to the PHOENIX fire simulation system;
- The development of a FIRE-DST research tool (Figure 2);
- Initial research on convection column and smoke plume dynamics.

