



A Natural Hazards Atlas For Tasmania: Mapping natural hazards to build disaster resilience and preparedness

Information about natural hazards is essential in a changing climate. Decision making to reduce current and future exposure to natural hazard risk requires detailed data that is relevant at a local scale and accessible to a range of users. Such locally relevant and accessible hazard information is currently limited in Tasmania. Where it exists, it may be highly technical, and therefore often not fully utilised in decision making. This presents a barrier to risk planning and resilience-building.

To fill this information gap, the Climate Futures research group at the University of Tasmania is creating a *A Natural Hazards Atlas for Tasmania*. Supported by the National Emergency Management Agency's Disaster Ready Fund, the project will provide comprehensive information on a range of natural hazards, all of them closely associated with the change to our current climate.

A resource available to all

The project will create an online platform to map hazards information at locally meaningful scales across Tasmania. This information will be accessible to the Tasmanian community through a searchable, open access website, a smartphone app and regional summary reports. The atlas will supply this information across a wide range of user needs, from technical to non-expert, co-designed with and for users.

How Tasmanians are being consulted

The project team will consult with Tasmanian stakeholders across a range of sectors to establish what kind of hazards information they use now and what information they need for future planning. We'll also be asking what information format is most useful for different user groups. We will invite Tasmanian stakeholders to participate in a survey and/or an interview, and/or a short workshop in coming months to share their hazards information needs and preferences.

Hazards included in the Atlas



Bushfire



Wind



Extreme
Temperature



Compound
Hazards



Storms



Flood



Sea Level
Rise

Project timeframe

This is a three-year project. The first stage, involving community consultation (2024–early 2025) will feed into the technical work stage (2025–2026). The final stage, delivering hazard information for Tasmania, is expected to be completed by mid-2027.

Getting involved

Stakeholder consultation on the atlas is underway. Look out for communications from the Natural Hazards Atlas team at UTAS. Please undertake the project survey and/ or get involved in our interviews and workshops in coming months. Get in touch with the project team:

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