

# **Harnessing ACCESS-City Ensemble for Operational Hazard Preparedness: A Case Study of Two Destructive Wind Events in Tasmania**

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ACCESS-City Ensemble has emerged as a powerful tool for meteorologists in conveying weather hazard risks to emergency management agencies. This presentation will demonstrate its use in preparing Tasmanian agencies for two destructive downslope wind events. It will be shown that the model provided high-quality intelligence about wind hazard magnitude, timing, and location, enhancing agency preparedness. The talk will conclude with recommendations for future utilization of convective-scale ensemble models to further improve hazard preparedness.