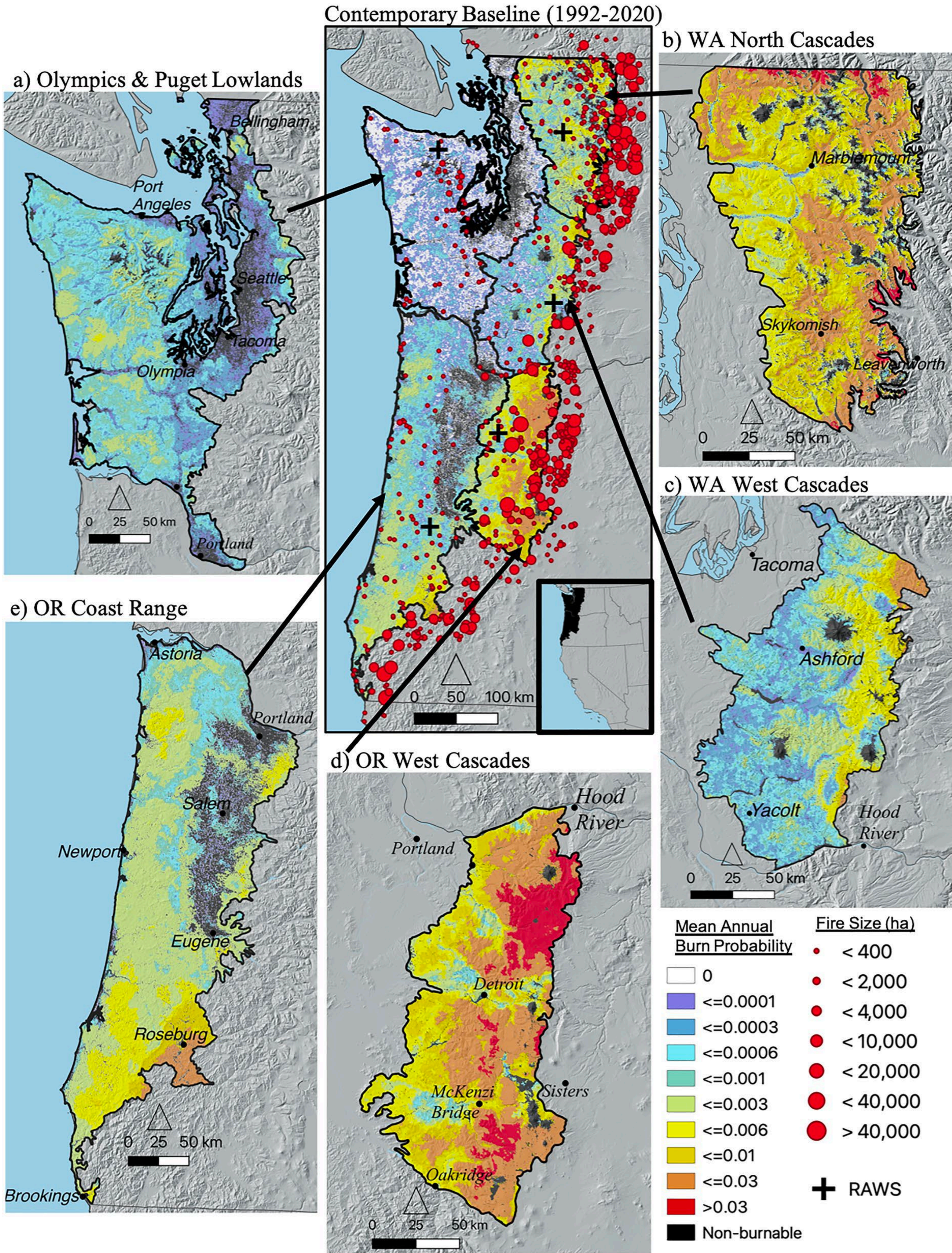


# Simulated Future Shifts in Wildfire Regimes in Moist Forests of Pacific Northwest, USA

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## Contemporary vs. Future Wildfire Burn Probabilities



We used FSim fire model to simulate present and future wildfires at 270m resolution. Center panel shows simulated contemporary burn probability and ignition locations and sizes. Outer panels show significantly higher mean burn probability in for year 2050 for each of the five ecoregions that comprise the study area. The results are based on 12 global climate models (GCMs) simulating a high warming climate change scenario.

Dye et al. 2024 JGR Biogeosciences

## Seasonal shift in future wildfire regime

Future fire projections suggest earlier and larger fires in the season.

