

# Wildfire Scenarios for Assessing Risk of Cover Loss in a Megadiverse Zone

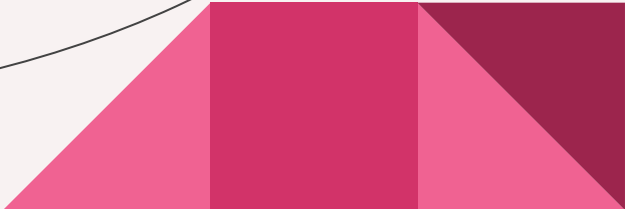
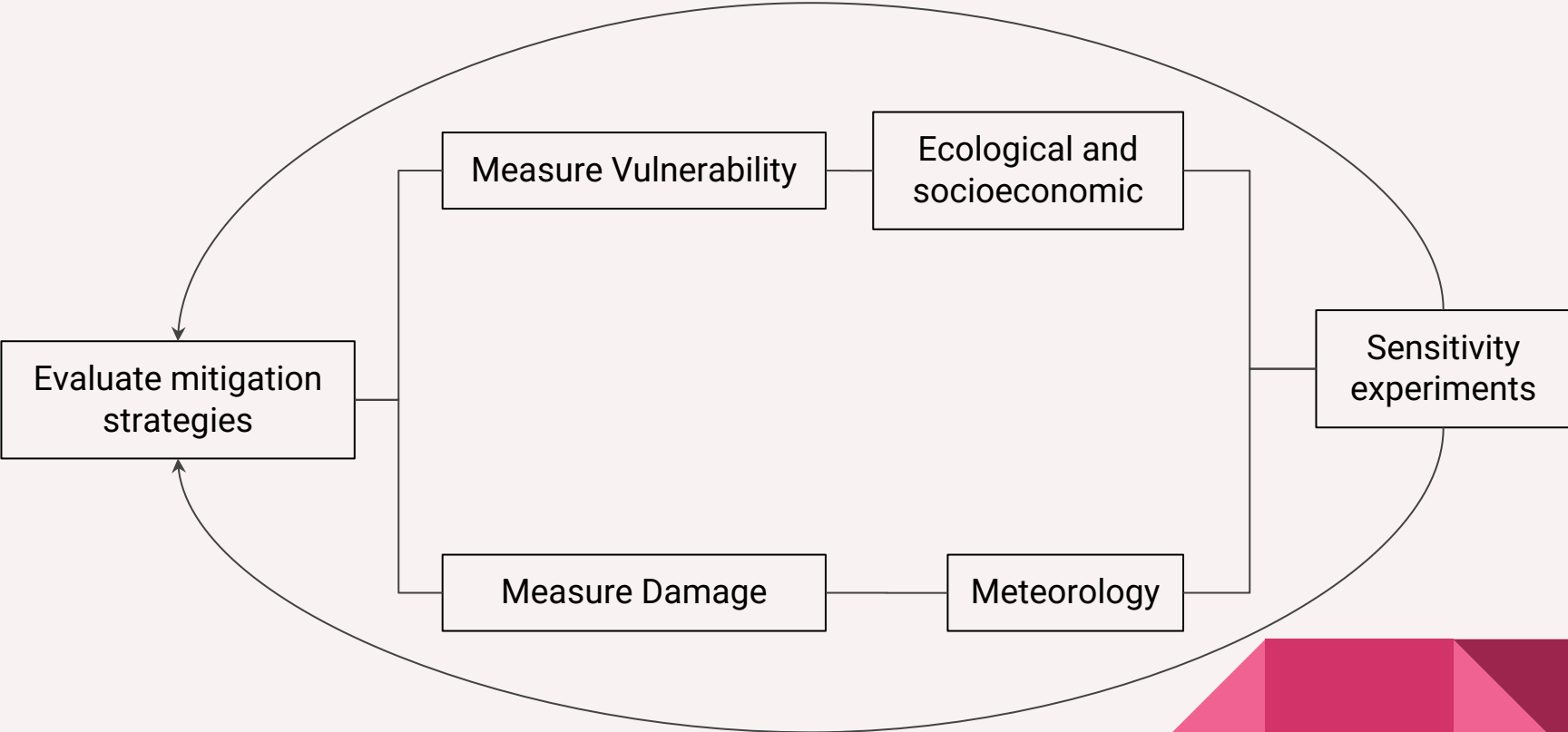
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ICTP  
Undergrad. Thesis project



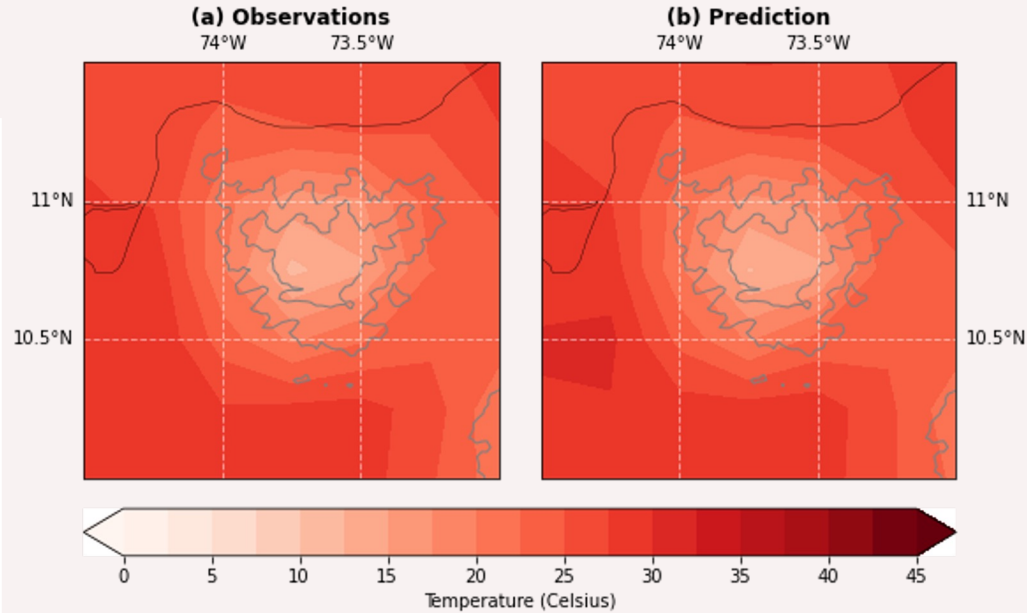
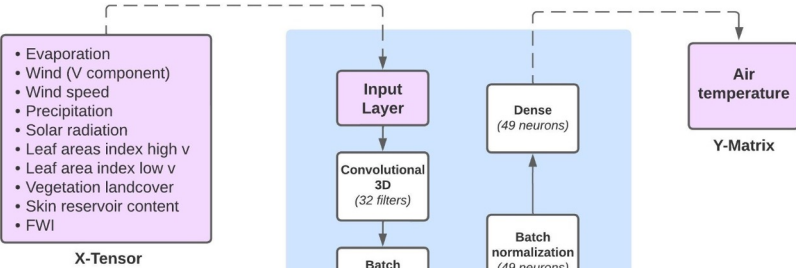
**UNIVERSIDAD  
SERGIO ARBOLEDA**



# Our focus

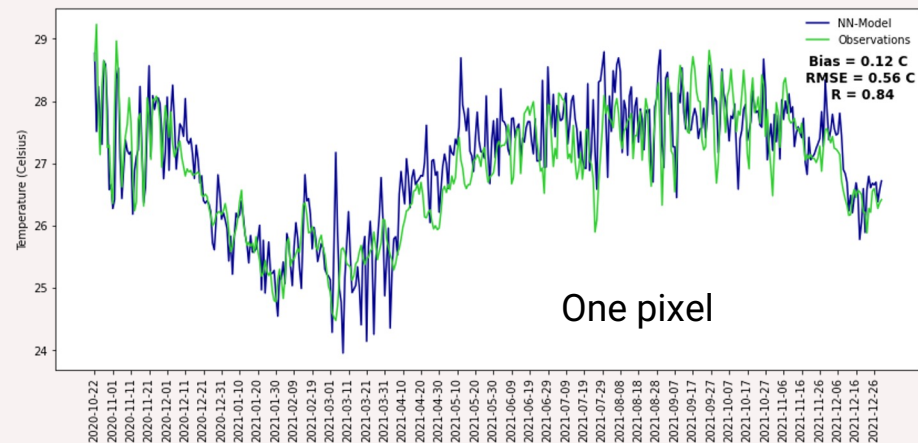
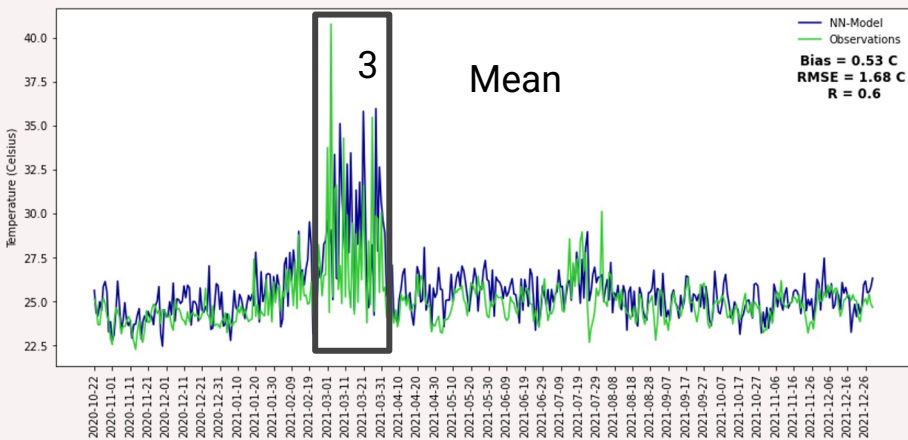


# Damage



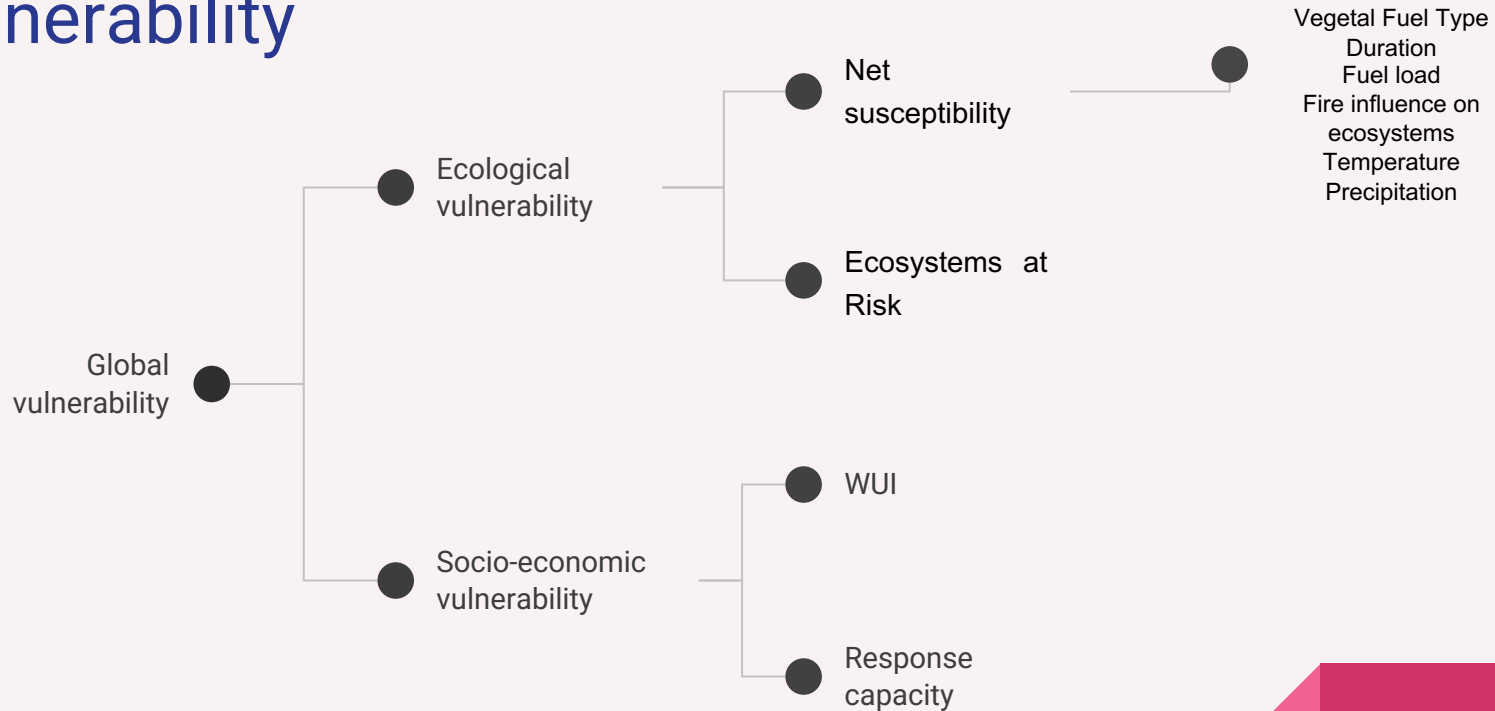
The model overestimates the western part of the domain, but captures the spatial distribution of temperature

# Damage



1. The model overestimates the values but follows the tendency
2. The peaks are over represented which means that the model could be improve maybe by including a different loss function
3. The model captures when wildfires are developing! as seen can be seen in the box in the figure

# Vulnerability



Based on the method of  
Paramo-Rocha (2011)

# To be done!! Any ideas???

Monte Carlo to account for the uncertainty in the model

Sensitivity experiments, changing variables from vulnerability and also meteorology e.g. volume of water



# Contact

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