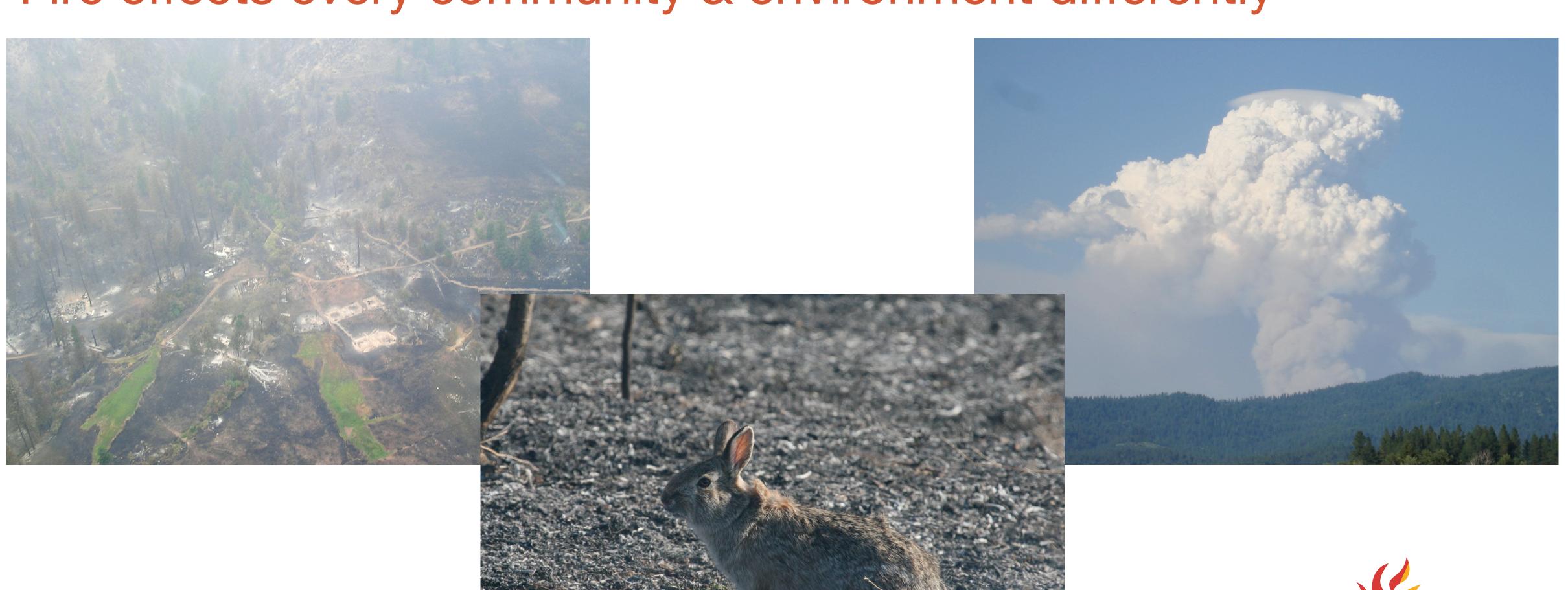


Pre-lesson Questions

- Are all fires bad?
- What needs fire to survive?
- Why is fire scary?
 - How is fire helpful?



Fire effects every community & environment differently





Chemical and physical changes to fuel during a fire







3 ways a fire changes an environment

Cleans





3 ways a fire changes an environment

Cleans

Returns Nutrients





3 ways a fire effects an environment

Cleans

Returns Nutrients

Balances Ecosystem





Extreme Intensity Fire. vs Low Intensity Fire

Example images for each point

Example images for each point



Extreme fire intensity effects

Reduces water absorption

Example images for each point



Extreme fire intensity effects

Reduces water absorption

Change vegetation





Extreme fire intensity effects

Reduces water absorption

Change vegetation

Increases erosion potential





Extreme fire intensity effects

Reduces water absorption

Change vegetation

Increases erosion potential

Air quality





Extreme fire effects on the environment

Reduces water absorption

Change vegetation

Increases erosion potential

Air quality

Bakes the ground





Low intensity fire effects

Strengthens some species





Low intensity fire effects

Strengthens some species

Reduces large/intense fire effects



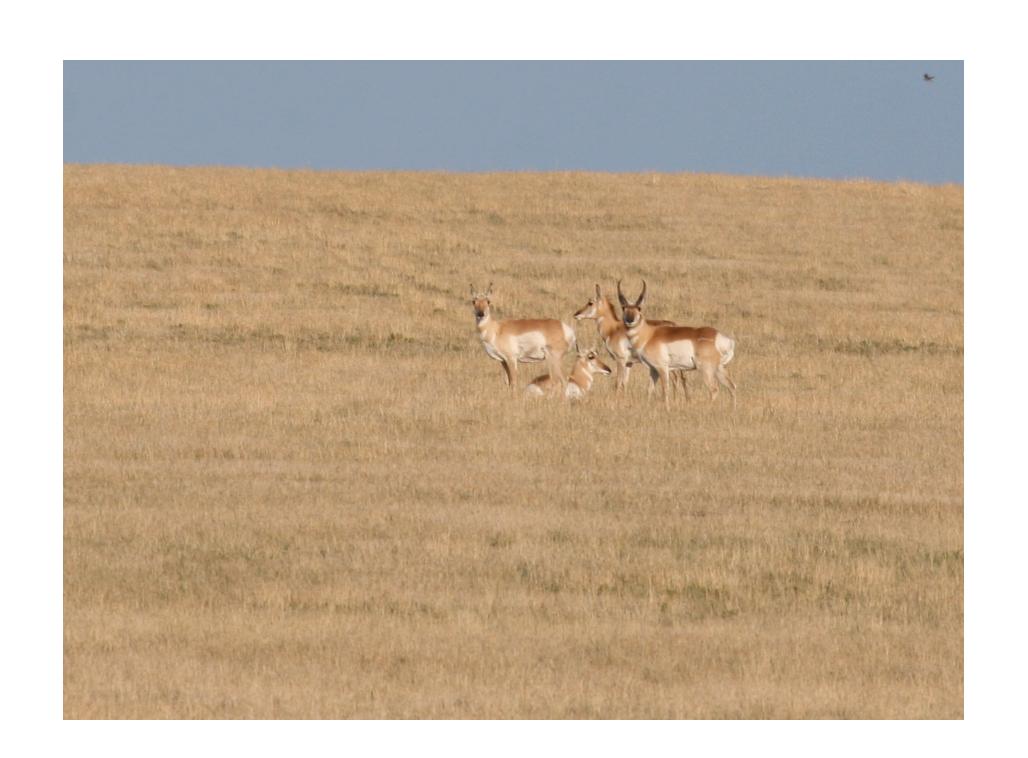


Low intensity fire effects

Strengthens some species

Reduces large/intense fire effects

Higher nutrients in vegetation





How fire cleans the environment

Reduces dead fuel





How fire cleans the environment

Reduces dead fuel

Reduces fuel load





How fire cleans the environment

Reduces dead fuel

Reduces fuel load

Clears understory





How fire cleans the environment

Reduces dead fuel

Reduces fuel load

Clears understory

Weed/invasives management





How fire renews the environment

Promotes new vegetation growth





How fire renews the environment

Promotes new vegetation growth

Reduces inhibiting material





How fire renews the environment

Promotes new vegetation growth

Reduces inhibiting material

Fill in local example





The benefits of low intensity fires

Manageable





The benefits of low intensity fires

Manageable

Easier to protect property





The benefits of low intensity fires

Manageable

Easier to protect property

Fill in local example

Example images for each point



How does fire improves the landscape in your area?



