

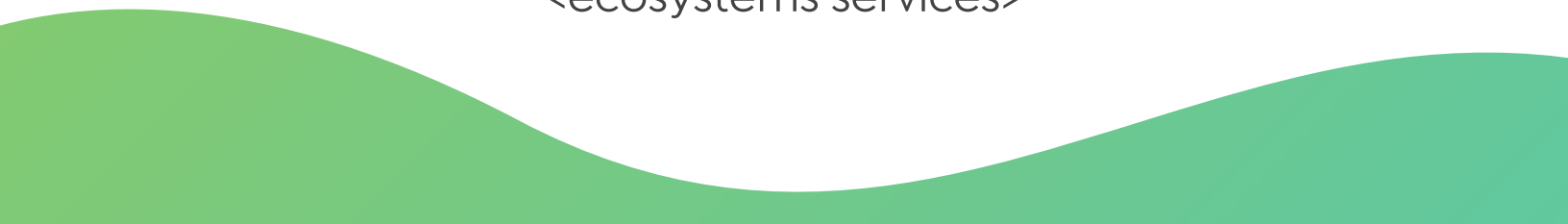
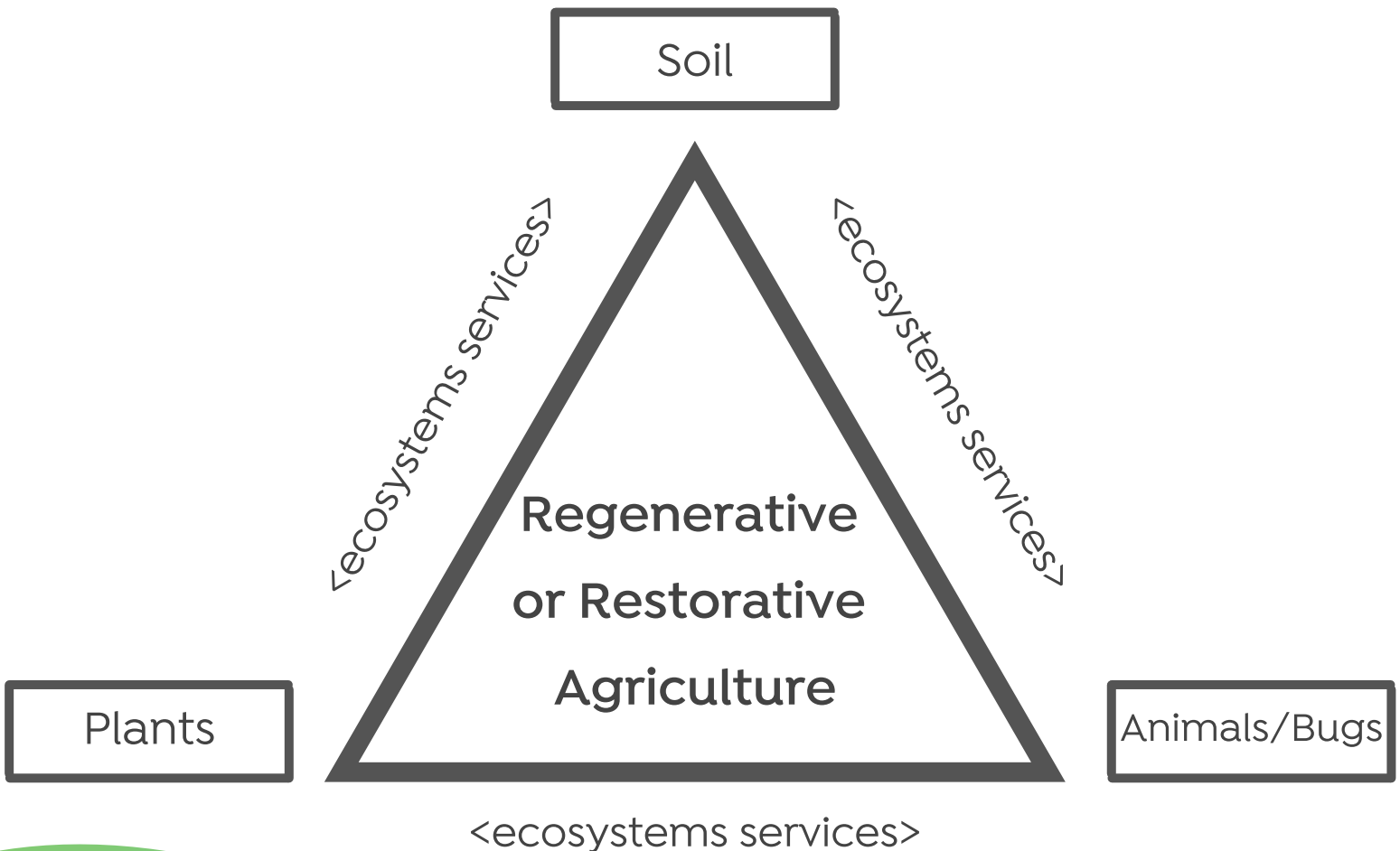
Regenerate Wheat Ridge

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# WHY GOATS?

## Investigating Restorative Grazing

In partnership with:



## **Mutual Ecosystems Services:**

Providing a “service” that benefits others in the system

### **Soil:**

- Nutrients bio available to plants (arable)
- Mycological systems (mushrooms) ecosystems that support healthy root systems
- Food (for plants and bugs)

### **Animals/ Bugs:**

- Spreading seeds (or not pooping seeds)
- Pooping fertilizer (NO<sub>2</sub> & P, among others) for plants
- Pollinating
- Digesting bacteria and other microorganisms
- Assisting with composting
- Food (for people and other animals)

### **Plants:**

- Photosynthesizing, taking CO<sub>2</sub> from the air and locking it deep into the soil, expiring O<sub>2</sub>
- Adding other nutrients to the soil (NO<sub>2</sub>)
- Aerating soil
- Nutrients bioavailable as food (Iron in spinach)
- Food (for people and animals)

### **Examples: Urban & Rural**

- Restorative Grazing with goats, sheep, alpaca, cows, or tractor coops with chickens
- Pollinator gardens
- Companion Planting (mutually beneficial—“3 Sisters” corn, beans, squash)
- Cover cropping/rotational planting

## Be Smart with BIG Animals:

- Always wear long pants, close toed shoes, and gloves— make sure shoes with ties are tied tightly so they won't come loose
- Never wear hoop earrings, long scarves/necklaces, or hats with cords around the neck
- Never wrap a leash or lead around your arm, waist, neck
- Make sure the animal knows that you are behind them—either by their eyesight or touching them
- Move with an animal from their shoulder—this is where you have the most control, do not push or pull
- Make sure you are out of the “kick” or “horn” zone— only lead an animal with horns if you know how to avoid their horns
- Your head should NEVER be below theirs— if a little person's head is, they should be next to a larger person
- Always protect your wrists, eyes, or anything else— let go of an animal if they are compromising your body
- Keep your head about you— don't panic or be afraid as an animal will pick up on your emotional state
- Move slowly, surely, and with confidence— do not flail your arms or run around
- Speak in a moderate tone, no screaming
- Consider the environment and look for things out of the norm that may cause an animal to react adversely



**NOTES:**

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