While watching the documentaries, please answer the following questions

Tending the Wild - Cultural Burning: <https://www.youtube.com/watch?v=Z-EXQ9be8mE>

1. How does fire regulate cultural resources? What are some examples of those resources?
2. How is fire related to the amount of water in the streams and root systems?
3. How is a landscape ‘prepped’ for a prescribed burn? How do these actions prevent uncontrolled fire?
4. How did the Forest Service practices lead to potential uncontrolled burns?
5. This film was produced in 2016, since then there have been regular mega-fires in California. Do mega fires offer the same benefits of controlled fires? How do they differ in outcome for the ecosystem?
6. How does tree mortality and standing dead trees impact the potential for more fire?
7. Similar to your SGA/MQ on Wednesday, if you were measuring biodiversity, tree age class demography, and ecosystem services like soil carbon storage, how do you think tribal vs. state and federal lands would differ?
8. The people interviewed show a strong connection with the land and speak of taking care of the forest. In Ecology and other contexts, humans are often viewed as only messing things up. How does this documentary support the idea of positive human-nature interactions?
9. How do modern urban/suburban/ex-urban development patterns in California alter regular fire patterns? How can this lead to uncontrolled burning?

Tending the Wild - Keeping the River <https://www.youtube.com/watch?v=Isd4iZcfSOc>

1. The second episode focuses on fish as resources. Briefly describe the “Salmon Wars” in the 1970s and how that traumatized the Yurok community?
2. What happened in 2002 that led to unprecedented salmon kill numbers? How might climate impact salmon kill in the future?
3. How does the marijuana industry intersect with Chinook salmon resources?
4. Fire is also emphasized in this episode. How does it interact with the Klamath River ecosystem?
5. How do dams interrupt aquatic ecosystems? Who are stakeholders in the Klamath River dams? <https://katu.com/news/local/largest-us-dam-removal-stirs-debate-over-coveted-west-water>