

## HW Assignment: The Water of Ayole

Due February 28, 2023

Group HW assignment

**Video:** <https://vimeo.com/6281949>

**After watching the video, answer the following questions<sup>1</sup>**

1. What was the original approach to bringing water to Ayole and other villages?
2. What was the revised approach to Ayole?
3. Early on, from the government extension worker's perspective, why were the pumps failing?
4. From the citizens of Ayole's perspective, why were the pumps failing?
5. How did the government extension workers change their approach with the village of Ayole?
6. Name and describe all the roles instituted in Ayole to manage their water source.
7. How the roles and means of sustaining the pump follow traditional lines, how did they differ?
8. How did the village's organization for sustaining its water source have impacts beyond clean, safe water?
9. Identify the various systems at play in this case study including connections and relationships between systems.
10. How would you model the dynamic of this case study using a simple CLD?

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<sup>1</sup> Question 1-8 are from J. Aronson, J. Mertz, Technology for Developing Communities, Carnegie Mellon, 2006