

HW Assignment: The Water of Ayole

Due February 15, 2018

Answer the following questions¹

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

¹ From J. Aronson, J. Mertz, *Technology for Developing Communities*, Carnegie Mellon, 2006