**Information to Collect on Survey (paired w/ PM activity)**

1. **Background information**
   1. Name
   2. Age
   3. Date of data collection
   4. Sex
   5. Village
   6. Shehia
   7. How many years have you lived in this shehia
2. **Wealth index/Resource dependence** 
   1. Likely not much variability among or between shehia.
3. **Perceptions of resource function**
   1. Regeneration rate (Frey 2017 sup 1 suggests - The growth or replacement rate describes how fast resource units that are extracted replace themselves). We could ask something like “If an area of mangrove (*eneo la msitu wa mikoko*) is cut down, how many years does it take to return to a mature state?”
   2. “At what age of a mangrove tree can people begin cutting firewood?”
   3. “At what age of a mangrove tree can people begin cutting pegs for seaweed harvest?”
   4. Manageability, storage, predictability all relatively similar across resource types and across shehia. Not necessary to ask about since we expect little variability and already somewhat controlled for.
4. **Exposure to conservation institutions**
   1. In your community, is there a mangrove conservation area where people are not allowed to cut trees, firewood, or pegs for seaweed harvest?
      1. Who created that area?
         1. Local community members
         2. Pemban organization (CFP)
         3. Government (dfnrnr)
         4. Outsiders (REDD+/Terra)
      2. Have you participated in monitoring patrols (*dorias*) in the last month to protect this area?
         1. How many times have you patrolled this area in the last month?
      3. Have you participated in monitoring patrols in the last month to exclude outsiders from harvesting mangrove trees, firewood, or pegs from other areas of community mangroves
         1. How many times have you patrolled these other areas in the last month?
   2. Are there mangrove replanting events in your community?
      1. Who organizes these events?
         1. Local community members
         2. Pemban organization (CFP)
         3. Government (dfnrnr)
         4. Outsiders (REDD+/Terra)
      2. How many times a year do these events happen?
      3. How many times in the last year have you participated in a mangrove replanting event?
5. **Perceptions of resource theft** 
   1. Have mangrove trees been stolen from their own private land in the last year?
   2. Have mangrove trees been stolen from community lands in the last year?
   3. Have you ever seen mangrove tree theft in your community with your own eyes?
6. **Willingness to limit in-group harvest**
   1. How many mangrove trees should each household be able to cut down each month?
   2. How many bundles of firewood (*mzigo*) should each household be able to cut each month?
   3. How many pegs for seaweed harvest should each household be able to cut each month?
   4. Should the rates of harvest of community members be monitored?
   5. Who should monitor community members’ harvest?
      * 1. Local community members
        2. Pemban organization (CFP)
        3. Government (dfnrnr)
        4. Outsiders (REDD+/Terra)