The below table summarises all the key variables we will use in our analysis. It was created and submitted as an Appendix before the endline data collection. The right column reports the associated variable name in the survey.

Measurement	Survey Questions
Primary Outcomes	
• Shrimp farming production: We will collect total shrimp production	**production (total of all crops)**
• Shrimp farming productivity: We will collect total shrimp productivity ((production/pond area m2)*1,000).	**(production/a004)*1,000 (total of all crops)**
• Prevalence of the disease: We will elicit the proportion of shrimp impacted by a disease as a total proportion of their shrimp production	**proprtion (total of all crops)**
• Total amount the farmer spent on treating the water released into canals and rivers	**cost_water (total of all crops)**
• Perceptions about the Community: We will use question s5_q2 (in the endline this is c010) to measure this. Further, we also use an index taken from a set of questions examining attitudes about the community. The index will be created by taking the mean of all the individual components. In both cases we will compare the cooperation treatments relative to the non-cooperation treatment.	**c010 social_capital01 social_capital02 social_capital03 social_capital05**
Secondary Outcomes	
• Contribution to the public good. This is measured using a standard public goods game.	**Public good game**
• Delayed take up: The interventions could have increased concern about pollution delaying shrimp crops.	**a002 a002a**
• A dummy variable equal to one if the individual is doing something to overcome the environmental problem.	**water_adaption**
• A measure of the frequency with which an individual has discussed the environmental problem outside the households.	**c008**
• Measure of conflict within the community	**conflicts**
• The amount spent on treating water	**a005 (total of all crops)**
Mechanism to explain results	
Explaining the cooperation treatment results - Lack of leaders who coordinate the activities **(c005)** - Lack of perceived incentives to cooperation **(water_cooperation)** - Recall the intervention (f005) - Baseline Social Norms (**Index(pollute_accept01, pollute_accept02) pollute_accept03)** - Satisfaction with community meetings (**c003**) - Participation in shrimp farmer meetings and mobile chat groups **(zalo_group, c001)**	

- Social learning **(c009)** - Social sanctions for not participating in community activities **(criticized, pressure_perceived)** - Explain the current practices for getting advice/ discussion **(c007)**	
Explaining the public monitoring results:	**e005** **e004** **e004b** **e006** **e007** **e001a** **e001b** **e008** **e002**
Explaining private testing	**f002** **f003** **f004**
Status quo bias	**b001**
Perceived relevance of the environmental problem	**water_polluted** **water_shrimp**