

## Chapter IV: Methodology

### The Methodology Steps:

1. Provide an introduction --a general discussion of the subject of the investigation and restate the purpose of the study.
2. Discussion of the background: Detail the background of the study area, including issues related to the topic of investigation. If a map is needed to highlight the area, provide a map.
3. Discuss in detail the Research Design, the steps and the type of Methodology to be employed or used. If there is a study population indicate what method will be used to select the sample size or the whole population may used when a sample size is not needed.
4. Discuss the type of data and the Sources. If for example, it is a survey, the primary data will be collected through a questionnaire instrument, discuss the instrument and the population. The instrument must be attached in the appendix.
5. Model specification: State the model specification to be used. For example, if an equation will be involved state the equation here, if it is regression for example, state the regression equation or any other equation. Identify the study variables [ Dependent and independent, control variables  
**OR**  
If not an equation, provide a conceptual framework of the approach to be used. Provide a detailed breakdown of the framework and the concepts
6. Once the model specification has been stated or the framework to guide the study, identify the Variables if not already identified and how they will be operationalized or measured. Only the variables to be used in the model or framework will be identified.
7. Include the data analysis plan to establish how data will be processed, analyzed, and reported. Apply the model specification or framework to the

research questions or hypotheses with the appropriate variables and show the outputs of each model application.

8. In operationalizing the variables indicate any issues if any or discrepancies encountered.

9. Indicate or discuss the validity and reliability of the approach.

### **Chapter V: Results, Analysis, and Discussion**

Discuss and analyze the findings of each research question/hypothesis. If it is a hypothesis indicate if the null was accepted or rejected and relate the findings to empirical reality, as well as the theoretical framework.

### **Chapter VI: Summary, Conclusion, and Implications.**

The summary should consist of the rationale for the study, the purpose and the findings. Make specific policy recommendations, and implication associated with the study. Finally, suggest future study or research.