

KQX7001: RESEARCH METHODOLOGY

Assignment 1: Formulating Research Problems, Questions, and Objectives (20%)

General Instructions:

- This is a group assignment. You are required to discuss with your team members and submit your answer as a group.
- You will be analyzing the article entitled as below (also uploaded on Spectrum). Answer all the questions given

“Source emission contributions to particulate matter and ozone, and their health impacts in Southeast Asia”

- Submission need to be done by group. Only 1 representative from group can do the submission. Submission must be done in ONE PDF file.

Specific Instructions:

1. Formulating a Research Problem:

Based on the given article and discussion among team members, formulate research problems that you think related to this research?

2. Developing Research Questions:

Create three specific research questions that stem from the identified research problem.

3. Establishing Research Objectives:

Based on your research questions, outline three clear research objectives that aim to investigate the effects of PM pollution on human health and the environment.

4. Identifying Data Sources:

Identify and describe the types of data sources that would be necessary to conduct research on the formulated research problem. Discuss how these data sources can enhance the understanding of PM pollution.

5. If you were to enhance the existing research, what specific aspects would you focus on, and how would you propose these improvements?