

Environmental Issue & AI Solutions

Student Name(s): _____ Date: _____

Group Members: _____

1. Environmental Issue

Name of the issue: _____

Description:

(Explain the problem in your own words. What is happening and why is it a concern?)

Where/Who it affects:

(Which communities, ecosystems, or industries are impacted?)

2. Causes & Contributing Factors

(List the main reasons this environmental issue occurs. You can include human actions, natural factors, or system inefficiencies.)

1. _____
2. _____
3. _____

3. Potential AI Tools or Applications

(Think about how Artificial Intelligence could help monitor, predict, or solve the issue.)

- Tool / Application 1: _____ → How it helps:

- Tool / Application 2: _____ → How it helps:

- Tool / Application 3: _____ → How it helps:

4. Possible Solutions or Actions

(Combine AI tools with human decision-making. What strategies could realistically address the issue?)

1. _____
2. _____
3. _____

5. Expected Benefits

(What positive outcomes would your solution provide for people, wildlife, and the environment?)

6. Challenges or Considerations

(What obstacles might arise? Consider ethical, technical, or practical challenges.)

7. Visual / Diagram

Draw a diagram, flowchart, or infographic to show your AI solution in action