

# Rubric for Environmental Impact Study Project

## Criteria: Understanding of Algebraic Concepts (20 Points)

- **Excellent (16-20 Points):** Demonstrates a deep understanding of algebraic principles, clearly applying them to the environmental impact study.
- **Good (11-15 Points):** Shows a solid understanding of algebraic principles and applies them effectively, with minor errors.
- **Fair (6-10 Points):** Demonstrates a basic understanding but may show significant errors or gaps.
- **Needs Improvement (0-5 Points):** Shows minimal understanding, with frequent errors and incomplete applications.

## Criteria: Analysis and Interpretation (20 Points)

- **Excellent (16-20 Points):** Provides thorough and insightful analysis and interpretation of environmental data, using appropriate algebraic methods.
- **Good (11-15 Points):** Provides competent analysis and interpretation, with appropriate use of algebraic methods and relevant conclusions.
- **Fair (6-10 Points):** Analysis is basic and may lack depth, with some appropriate algebraic methods but limited conclusions.
- **Needs Improvement (0-5 Points):** Analysis is superficial, with inappropriate or minimal use of algebraic methods and few or no meaningful conclusions.

## Criteria: Data and Calculations (20 Points)

- **Excellent (16-20 Points):** Uses data and calculations effectively to support the analysis, ensuring accuracy and clarity. Data is well-organized.
- **Good (11-15 Points):** Uses data and calculations appropriately, with minor inaccuracies. Data is organized and presented clearly.
- **Fair (6-10 Points):** Uses data and calculations but with significant inaccuracies. Data organization is basic.
- **Needs Improvement (0-5 Points):** Uses minimal or inaccurate data and calculations, with poor organization.

## Criteria: Effort and Engagement (20 Points)

- **Excellent (16-20 Points):** Shows exceptional effort and engagement, consistently contributing high-quality work and demonstrating initiative.
- **Good (11-15 Points):** Shows good effort and engagement, regularly contributing to the project and producing quality work.
- **Fair (6-10 Points):** Shows some effort and engagement, with variable contributions and work quality.
- **Needs Improvement (0-5 Points):** Shows little effort and engagement, with minimal contributions and poor work quality.

### Criteria: Completeness and Organization (20 Points)

- **Excellent (16-20 Points):** Project is thoroughly complete and exceptionally well-organized, with all required elements included and logically arranged.
- **Good (11-15 Points):** Project is complete and well-organized, with most required elements included and logically arranged.
- **Fair (6-10 Points):** Project is partially complete and somewhat organized, with some required elements missing or disorganized.
- **Needs Improvement (0-5 Points):** Project is incomplete and poorly organized, with many required elements missing.

**Total Points:** \_\_\_\_ / 100