

Audit Memo 1: Decision Framework

CEVE 421/521 Final Project

2026-02-27

Draft Material — This content is under development and subject to change.

1 Overview

Due: Friday of Week 7

This memo maps the decision framework of your chosen climate plan. You will identify the Levers (L) and Metrics (M) that define the plan's decision space.

2 Learning Objectives

By completing this memo, you will demonstrate your ability to:

1. Extract decision variables (Levers) from a real-world planning document
2. Identify performance measures (Metrics) used to evaluate success
3. Critique the completeness and clarity of a plan's decision framework

3 Requirements

Submit a **1-2 page memo** (PDF) containing:

3.1 1. Levers Analysis

Create a table of the plan's key decision variables:

Lever	Description	Range/Options	Currently Proposed
<i>Example: Seawall height</i>	<i>Height of coastal protection</i>	<i>0-15 ft</i>	<i>10 ft</i>

For each lever, address:

- Is the lever clearly defined with specific options?
- Are alternative options considered, or is only one choice presented?
- What constraints limit the lever's range?

3.2 2. Metrics Analysis

Create a table of the plan's performance metrics:

Metric	Description	Units	Target/Threshold
<i>Example: Annual expected damages</i>	<i>Probabilistic flood losses</i>	<i>\$/year</i>	<i>< \$10M</i>

For each metric, address:

- Is the metric quantifiable and measurable?
- How is the metric calculated or estimated?
- What time horizon does the metric consider?

3.3 3. Framework Critique

In 1-2 paragraphs, assess the decision framework:

- **Completeness:** Are there important levers or metrics missing?
- **Clarity:** Are the levers and metrics well-defined?
- **Trade-offs:** Does the plan acknowledge trade-offs between metrics?

4 Submission

Submit your memo as a PDF to Canvas by 11:59 PM on the due date.

5 Grading Rubric

Criterion	Points
Levers clearly identified and described	30
Metrics clearly identified and described	30
Thoughtful critique of framework completeness	20
Professional writing and formatting	20
Total	100

Bibliography