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Adaptation Option Template

Insert Option Name here

Option Description

Provide a 1- to 3-paragraph description of the option. Include information such as the broad aims of the option; relationship to expected changes in climate-related risks, experience elsewhere (if available) and current implementation status in the state (as known).

Option Design

Define specific objectives and/or structure to be recommended, and provide a bulleted summary regarding the overall option design modalities, as per the categories listed below.

- **Targets:** Indicate as specifically as possible the target for the option. Targets may be defined in physical terms (e.g., install a tree planting program along 100% of all vulnerable undeveloped coastal areas as a flooding control strategy), economic terms (e.g., increase incentives by 25% for purchase of industrial flood hazard insurance), or other terms (e.g., identify all public and private systems/facilities at serious risk from sea level rise).
- **Timing:** Identify the year in which the option would be implemented in the state, including any details regarding ramp-up to meet the targets above (e.g., install a tree planting program starting in 2010 and reach the specified target after a 5-year period). Also indicate whether the option is for an continuous effort, a periodic effort, or a one-time effort and indicate the interval or duration.
- **Parties Involved:** Identify the state agencies, private entities, and other parties covered by the option.
- **Other:** As needed, identify other factors/parties that would need to be engaged for successful implementation of the option in the state.

Implementation Mechanisms

Provide a 1-paragraph describing how the option would be implemented. Specify whether implementation would be based on changes to existing rules/regulations, new legislation, provision of incentives, or other mechanisms.

Related Policies/Programs in Place

Provide up to 1 paragraph describing any existing or planned programs or policies that are complementary or reinforcing.

Estimation of Adaptation Benefits and Costs

Provide a bulleted summary regarding the overall benefits and costs expected to result from the implementation of the option, as per the categories listed below.

- **Estimated Cost:** Characterize the option relative to the expected costs associated with implementation up to the previously indicated target level. This estimate can be provided either quantitatively or qualitatively depending on data availability.
- **Flexibility:** Characterize the option relative to its flexibility regarding future corrective action given reduction in uncertainty levels regarding future impacts. This estimate can be provided qualitatively as per the outcome of TWG discussions.
- **Adaptive capacity:** Characterize the option relative to the degree to which it builds adaptive management capacity among state institutions and among private entities. This estimate can be provided qualitatively as per the outcome of TWG discussions.
- **Other:** Identify and characterize as appropriate other adaptation benefits and costs that would need to be addressed to better understand the implications for the implementation of the option in the state.

Documentation of Adaptation Benefits and Costs

Provide a bulleted summary regarding the documentation for the estimated benefits and costs of the option, as per the categories listed below.

- **Data Sources:** Indicate as specifically as possible the sources that were used to characterize the option relative to its costs and benefits.
- **Quantification Methods:** Indicate as specifically as possible the methodology used to quantify the capital intensity of the option, as appropriate.
- **Key Assumptions:** Indicate as specifically as possible the key assumptions on which the characterization of the option's costs and benefits is based
- **Key Uncertainties:** Indicate as specifically as possible the key uncertainties embedded into the characterization of the option's costs and benefits.

Additional Benefits and Costs

Provide a 1-paragraph describing additional benefits and costs, if any, that have not been captured in the estimate of costs and benefits described earlier.

Feasibility Issues

Provide a 1-paragraph describing state-specific issues related to implementation feasibility.

Status of Group Approval

At the conclusion of the process, provide an indication of the status of TWG approval. Three

categories are possible: full TWG consensus, super-majority, or majority consensus based on a number of objection(s).

Barriers to Consensus

At the conclusion of the process, provide a brief and specific description of any objections to the option.