***Fill this out last***

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| **Climate-informed strategies/mgmt. approaches – Documentation of Results***Check the appropriate box* |
|  | Keep existing strategies/approaches without modification*If yes, provide reasoning* |
|  | Use existing strategies/approaches but with minor modifications*If yes, note modifications and the reasoning behind them* |
|  | Use new strategies/approaches or significantly adjust existing ones.*If yes, provide the reasoning* |

# **Climate Smart Adaptation Design at the CBP Strategy/Mgmt. Approach Level**

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| --- | --- |
| **Current Strategy** | *What is the CBP strategy/mgmt. approach being considered?* |
| Current strategy/mgmt. approach |  |
| **Step 1****Screening** | *Will the strategy be influenced by climate change?* |
| Screening for strategies.\* If yes (influenced by climate change), proceed; if no, set aside the strategy (check the first box in the check list above). |  |

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| **Step 2: Category 1 Considerations:**Climate change effects on the stressors and systems | *What stressor(s) need to be addressed by or accounted for in the strategy/management approach, (e.g., water quality, habitat loss)?* |
| Stressor(s), factor(s), or driver(s). [List separately, include uncertainty and relative sensitivity (low, medium, high.] |  |
| *What are the key climate change impacts directly affecting the resource (direction, magnitude, mechanism, uncertainty)?* |
| Key climate influences on target resource(s) | [Can skip if the target ‘resource’ is a stressor, would be addressed under the next question.] |
| *What are the key climate change impacts (direction, magnitude, mechanism, uncertainty) on the stressor(s), environmental factors, or other system drivers relevant to the resource?[[1]](#footnote-1)* |
| Key climate influences on drivers |  |
| *Over what timeframe will key climate change impacts affect targeted resources? Are there seasonal patterns or other short- or long-term temporal factors of the climate change effects of concern?*  |
| Timing of climate change effects |  |
| *How will climate change impacts on the resource itself or on stressors, factors, or other drivers, change the condition (affect the quality or quantity) of and/or trends in the target resource?* |
| Direct/indirect effects on resource condition | [Can skip if the target ‘resource’ is a stressor.] |
| *How is progress toward strategy/mgmt. approach measured?* |
| How is implementation being tracked (e.g. indicators, metrics? |  |
| How will climate change alter the ability to carry out progress measurement or monitoring protocols? |  |
| **Step 3: Category 2 Considerations:****CC** implications for strategies | *How will climate change impacts on the stressor(s), environmental factor(s), or other driver(s) impact the* strategy/approach*?* |
| Indirect effects on strategy/approach |  |
| *How will climate change impacts directly on the resource (stressor) impact the* strategy/approach*?* |
| Direct effects on strategy/approach |  |
| *What are climate change-related time frame considerations or constraints on achieving or implementing the strategy/mgmt. approach [e.g., urgency, synergies or dependencies on other strategies/mgmt.. approaches]?* |
| Time frame considerations |  |
| *What changes are needed to modify the strategy/mgmt. approach to accommodate the combination of direct and indirect climate change effects or the target periods for implementing the strategy? Or are there other ideas for strategies suggested by these results?* |
| Climate-driven adaptations needed |  |
| **Step 4:** Climate-Designed Strategy | ***Climate Smart Strategy/Management Approach*** |
| Description |  |

*\** This is a screening question to identify and set aside (not proceed with climate smart revision) strategies/approaches not likely to be affected by climate change. For example, education or outreach efforts will not themselves be directly influenced by climate change, although it would be desirable to include climate change information into these types of efforts. Therefore, it would not be necessary to apply this process directly to revision of such strategies. It should be noted that strategies such as development of energetic, system, planning, or other models also are not directly impacted by climate change; however, if climate change effects have not heretofore been considered in the model, then redesign of the model would be recommended.

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| *Notes on interactions needed with other GITs/Workgroups that are key to the planned strategies/approaches* |
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| *Are there any key strategies/approaches missing?\** |
|  |

\* *Strategies/approaches that may be needed to more comprehensively address the climate change impacts identified. The purpose is to identify any key vulnerabilities that are not sufficiently addressed in the existing plan and to craft additional strategies/approaches to fill those gaps. The ecologically-oriented list of general adaptation strategies from the Climate Smart guide can be used to help in brainstorming these. Start by listing any new strategies/management approaches listed in the last question of Step 3.*

1. Incorporate information from the notes section of any action-level climate smart decision matrices completed on issues, lessons, or spatial or temporal considerations emerged that might be common across other sites, or be relevant Bay-wide, and how these affect higher levels of planning (strategies, approaches). [↑](#footnote-ref-1)