

## Climate Change Preparedness and Resiliency Guidelines (to be added to the BRA Development Review Guidelines)

Analyze project impacts on the surrounding environment that are attributable to forecasted climate conditions over the full duration of the expected life of the project. Utilizing the best available science, identify changes in the climate and environment and how such changes will affect the project's environmental impacts including the survivability, integrity and safety of the project and its inhabitants.

Climate change conditions may include, but not be limited to, sea-level rise, higher maximum and mean temperatures, more frequent and longer extreme heat events, more frequent and longer droughts, more severe freezing rain and heavy rainfall events, and increased wind gusts. Include analysis of secondary and cascading impacts including more frequent and longer interruptions of utility services including electrical, gas, and telecommunication systems, and disruptions of transportation systems and networks.

- A. Complete and submit an initial Climate Change Preparedness and Resiliency Checklist in Appendix 7 with the Project Notification Form (PNF) filing. The Checklist requires all projects to consider the impacts of future climate conditions, over the expected life of the project, due to Extreme Heat and Weather and, for projects in or near floodplains or areas prone to flooding, due to Rising Sea-Levels. For any environmental impacts due to climate change that are identified, describe planning, design, and / or construction strategies that will be employed to avoid, eliminate or mitigate any adverse impacts. Consideration of environmental impacts due to climate change should not be limited to those listed on the Checklist.
- B. Incorporate Climate Change Preparedness and Resiliency strategies into all relevant components of the project such as Transportation, Infrastructure Systems, Environmental Protection, Urban Design, Landscape, Sustainable Development, Historic Resources, and Tidelands.
- C. Climate Change Preparedness and Resiliency Checklist and Responses will be reviewed by the Boston Interagency Green Building Committee (IGBC). The Project Proponent will be notified in writing of any comments by the IGBC.
- D. The Project Proponent must submit an updated and final Climate Change Preparedness and Resiliency Checklist along with a written Response to the IGBC. The Final Climate Change Preparedness and Resiliency Checklist and Response must be submitted in conjunction with the submittal of the Final Design and Approval package for review by the IGBC. No Final Design Approval/Article 80 documents shall be authorized by the BRA until the final Climate Change Preparedness and Resiliency Checklist and Response have been reviewed by the IGBC for addressing Action Items A, B, and C as set forth above.