Maryland State Hazard Mitigation Plan Update

|  |  |
| --- | --- |
| **EMAP Compliance Issue** | **Notes** |
| Action #2  4.3.1 The Program did not provide proof of documentation of its assessment of the risk and vulnerability of people of the following hazards:  1. Sea Level Rise 2. Tsunami 3. Nor’Easter 4. Shoreline Erosion  5. Landslide | 1. Refer to bolded subsection *Consequence Analysis* under section *4.6.4.3 Risk Assessment* (page 90). 2. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 3. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 4. Refer to bolded subsection *Consequence Analysis* under section *4.6.5.3 Risk Assessment* (page 103). 5. Refer to bolded subsection *Consequence Analysis* under section *4.12.3 Risk Assessment* (page 182). |
|  |  |
| Action #3  4.3.1 The Program did not provide proof of documentation of its assessment of the risk and vulnerability of the property of the following hazard: Nor’Easter | 1. Refer to bolded subsection *State and Critical Facility Risk* under section *4.6.7.3 Risk Assessment* (page 116). 2. Refer to the tables on page 119. 3. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). |
|  |  |
| Action #4  4.3.1 The Program did not provide proof of documentation of its assessment of the risk and vulnerability of environment of the following hazards:  1. Tsunami 2. Nor’Easter 3. Landslide  4. Dam Failure | 1. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 2. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 3. Refer to bolded subsection *Consequence Analysis* under section *4.12.3 Risk Assessment* (page 182). 4. Refer to paragraph three of bolded subsection *Impact and Vulnerability* under section *4.16.1 Risk Assessment* (page 230). |
|  |  |
| Action #5  4.3.1 The Program did not provide proof of documentation of its assessment of the risk and vulnerability of its own operations of the following hazards:  1. Hurricanes and Tropical Storms  2. Tsunami 3. Nor’Easter 4. Mining Hazard | 1. Refer to bolded subsection *State and Critical Facility Risk* under section *4.6.3 Risk assessment* (page 79). Additionally, refer to Table 4-36 (page 79) and Table 4-37 (page 80). 2. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 3. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 4. Refer to the last two sentences of section *4.17.2.5 Land Subsidence* (page 241). |
|  |  |
| Action #6  4.3.2 The Program has not provided documentation of the impact on the public was considered when a consequence analysis for the following hazards was conducted:  1. Nor’Easter 2. Sea Level Rise 3. Tsunami 4. Shoreline Erosion 5. Landslide | 1. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 2. Refer to bolded subsection *Consequence Analysis* under section *4.6.4.3 Risk Assessment* (page 90). 3. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 4. Refer to bolded subsection *Consequence Analysis* under section *4.6.5.3 Risk Assessment* (page 103). 5. Refer to bolded subsection *Consequence Analysis* under section *4.12.3 Risk Assessment* (page 182). |
|  |  |
| Action #7  4.3.2 The Program has not provided documentation of the impact on responders was considered when a consequence analysis for the following hazards was conducted: 1. Nor’Easter, 2. Tsunami, 3. High winds, 4. Tornado, 5. Wildfire, 6. Landslide, 7. Land subsidence/Karst/Sinkholes, 8. Earthquake, 9. Dam Failure, 10. Mining Hazards. | 1. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 2. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 3. Refer to second paragraph under bolded subsection *Impact and Vulnerability* (page 124). 4. Refer to third and fourth sentence within paragraph two under bolded subsection Impact and Vulnerability (page 146). 5. Refer to second paragraph under bolded subsection *Impact and Vulnerability* (page 171). 6. Refer to bolded subsection *Consequence Analysis* under section *4.12.3 Risk Assessment* (page 182). 7. Refer to third paragraph under bolded subsection *Impact and Vulnerability* (page 188). 8. Refer to third paragraph under bolded subsection *Impact and Vulnerability* (page 216). 9. Refer to fifth paragraph under bolded subsection *Impact and Vulnerability* (page 230). 10. Refer to sixth sentence under section *4.17.2.5 Land subsidence* (page 242). |
|  |  |
| Action #8  4.3.2 The Program has not provided documentation of the impact on continuity of operations including continued delivery of services was considered when a consequence analysis for the following hazards was conducted: 1. Flooding, 2. Hurricane and tropical storms, 3. Nor’Easter, 4. Sea level rise, 5. Tsunami, 6. Shore line erosion, 7. High winds, 8. Thunderstorm, 9. Tornado, 10. Winter storm, 11. Wildfire, 12. Landslide, 13. Land Subsidence/Karst/Sinkholes, 14. Drought, 15. Earthquake, 16. Dam Failure, 17. Mining Hazards. | 1. Refer to second paragraph under bolded subsection *Impact and Vulnerability* (page 49). 2. Refer to fourth sentence within first paragraph under bolded subsection *Impact and Vulnerability* (page 69). 3. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 4. Refer to bolded subsection *Consequence Analysis* under section *4.6.4.3 Risk Assessment* (page 89). 5. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 6. Refer to bolded subsection *Consequence Analysis* under section *4.6.5.3 Risk Assessment* (page 103). 7. Refer to second paragraph under bolded subsection *Impact and Vulnerability* (page 124). 8. Refer to last sentence of paragraph two under bolded subsection *Impact and Vulnerability* (page 133). 9. Refer to third and fourth sentence within paragraph two under bolded subsection Impact and Vulnerability (page 146). 10. Refer to fourth sentence under bolded subsection *Impact and Vulnerability* (page 160). 11. Refer to second paragraph under bolded subsection *Impact and Vulnerability* (page 171). 12. Refer to bolded subsection *Consequence Analysis* under section *4.12.3 Risk Assessment* (page 182). 13. Refer to third paragraph under bolded subsection *Impact and Vulnerability* (page 188). 14. Refer to last sentence of fifth paragraph under bolded subsection Impact and Vulnerability (page 198). 15. Refer to third paragraph under bolded subsection *Impact and Vulnerability* (page 216). 16. Refer to fifth paragraph under bolded subsection *Impact and Vulnerability* (page 230). 17. Refer to sixth sentence under section *4.17.2.5 Land subsidence* (page 242). |
|  |  |
| Action #9  4.3.2 The Program has not provided proof of documentation of the impact on property, facilities, and infrastructure when a consequence analysis for the following hazards was conducted: 1. Nor’Easter, 2. Tsunami, 3. Drought. | 1. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 2. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 3. Refer to last sentence of second paragraph under bolded subsection *Impact and Vulnerability* (page 198). |
|  |  |
| Action #10  4.3.2 The Program has not provided documentation of the impact on the environment was considered when a consequence analysis for the following hazards was conducted: 1. Nor’Easter, 2. Sea level rise, 3. Tsunami, 4. Landslide, 5. Dam Failure. | 1. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 2. Refer to bolded subsection *Consequence Analysis* under section *4.6.4.3 Risk Assessment* (page 90). 3. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 4. Refer to bolded subsection *Consequence Analysis* under section *4.12.3 Risk Assessment* (page 182). 5. Refer to third paragraph under bolded subsection *Impact and Vulnerability* (page 230). |
|  |  |
| Action #11  4.3.2 The Program has not considered the impact on the economic condition of the jurisdiction and public confidence in the jurisdiction’s governance when a consequence analysis for the following hazards was conducted: 1. Nor’Easter, 2. Sea level rise, 3. Tsunami, 4. Wildfire. | 1. Refer to bolded subsection *Consequence Analysis* under section *4.6.7.3 Risk Assessment* (page 116). 2. Refer to bolded subsection *Consequence Analysis* under section *4.6.4.3 Risk Assessment* (page 90). 3. Refer to bolded subsection *Consequence Analysis* under section *4.6.6.7 Risk Assessment* (page 109). 4. Refer to second paragraph under bolded subsection *Impact and Vulnerability* (page 171). |
|  |  |
| Action #12  4.4.5 The plan does not address the identification of one hazard (Nor’Easter) which contributes to the non-compliance fining of this standard. | * Nor’easter has been addressed and the following sections have been added: * Description * Historical Occurrences * Risk Assessment * Probability of Future Occurrence * Impact and Vulnerability * Risk * State and Critical Facility Risk * Local Plan Risk Assessment * Consequence Analysis |