

Recommendations from 2011 Climate Change Preparedness Plan		STATUS KEY: R = to be reviewed; D = delete; K = keep; M = Modify				
Adaptation Planning & Implementation Working Group		Report Pg # Ref	Status	Progress-to-date Summary	Explanation of Recommended Action	Other Comments
1	Encourage development practices that ensure water recharge	18	R			
2	Encourage sustainable water capture and storage by homeowners, municipalities, businesses, and industries, and the agriculture sector with incentive programs to supplement capture and storage infrastructure	22	R			
3	Develop water reuse guidelines for industry	23	R			
4	Encourage adaptation strategies, including natural habitat conservation, Low Impact Development (LID) Best Management Practices (BMPs), agriculture water BMPs and drinking water treatment standards that will ameliorate the effects of water inundation	23	R			
8	Develop decision tools to evaluate replacement, modification, and design life for infrastructure	49	R			
11	Consider the public health needs of vulnerable populations in climate change adaptation planning	64	R			
14	Continue to develop and update all municipal emergency preparedness plans for extreme weather events	65	R			
15	Develop cooling station best management practices	66	R			
16	Develop criteria for school closings and outdoor play during extreme heat events	66	R			
17	Assess current and future needs for potable water uses and to plan for infrastructure improvements to the public water system	14	R			
18	Assess future needs for non-potable water uses	15	R			
19	Assess future flooding risks to natural and built infrastructure, including agricultural operations and public health and safety	15	R			
20	Analyze the competing demands on Connecticut water quantity and quality statewide in a consistent and comprehensive manner and develop new approaches to ensure public health, agricultural sustainability, ecosystem health, while supporting multiple and conflicting needs	21	R			
21	Target water conservation education towards specific consumer groups	22	R			
22	Assess the impact of climate change on wastewater treatment facilities, and encourage the development of facility-specific adaptation plans	24	R			
24	Develop educational campaigns for climate change adaptation awareness in Connecticut targeted at multiple sectors	25	R			
25	Identify champions for each adaptation strategy	25	R			
26	Identify research needs and disseminate current climate change adaptation research and technical resources to the appropriate stakeholders, and encourage future efforts through state grants	25	R			
27	Identify and collaborate with educational partners	25	R			
28	Include students (future stakeholders) in climate change programs	26	R			
29	Determine the critical public buildings, including public health facilities, schools and cultural/historic buildings that will be impacted by coastal and inland flooding, and recommend appropriate adaptation strategies that will not adversely impact natural resources	27	R			

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30	Examine new opportunities for building usage considering projections for climate change	27	R			
31	Determine vulnerable transportation routes and transportation options that may adversely impact natural resources and human mobility needs under future climate change projections	28	R			
33	Engage and educate private landownersto manage their lands to minimize risk from climate change	49	R			
34	Conduct research to understand effects of potential adaptation approaches and develop new, innovative approaches to support adaptive management	49	R			
36	Build public consensus for adaptation strategies through education and outreach	59	R			
38	Perform a comprehensive modeling assessment of the extent of inland migration of tidal marshes essential for directing adaptation actions	59	R			
39	Educate other sectors of state government about public health climate change impacts and adaptation	68	R			
40	Develop educational materials concerning poor air quality	68	R			
41	Continue to monitor health ailments caused by ozone non-attainment levels	68	R			
42	Assist local health departments with climate change adaptation	68	R			
43	Incorporate climate change preparedness strategies into public health education	69	R			
44	Develop a database of morbidity and mortality caused by climate change	69	R			
45	Intensify vector associated disease monitoring	69	R			
46	Increase airborne pollen monitoring	69	R			
47	Broaden water use planning to include climate change projections	14	R			
48	Adopt a water hierarchy that includes water conservation, capture and storage and water reuse, similar to the well known solid waste management - reduce, reuse and recycle hierarchy	14	R			
49	Target headwaters for protection throughout the state	17	R			
50	Implement rate structures to accommodate long term system improvements and encourage conservation	21	R			
51	Examine opportunities for water conservation strategies within the building code, in appliance standards and in regulatory decisions	21	R			
52	Continue to support regional cooperation on climate change adaptation through involvement in regional planning activities	28	R			
53	Proceeds from RGGI auctions should support climate change adaptation work identified in this report and in accordance with Section 22a-200(c).	28	R			

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57	Minimize combined sewer overflows	40	R			
59	Implement new or modified policies that would encourage appropriate land use and reduce repetitive losses	49	R			
68	Continue to support funding to provide for adequate updates to municipal sewage infrastructure	72	R			
69	Support funding to provide for adequate updates to municipal water infrastructure	72	R			
9	Apply adaptive management procedures	57				
5	Identify and conserve ecosystem services vulnerable to climate change	26				
6	Encourage land management behaviors that support ecosystem services	26				
7	Minimize water use across all agricultural sectors	35				
10	Increase active management of upland forests and reduce non-climatic stressors	57				
12	Evaluate ozone non-attainment alert systems	65				
13	Evaluate current early extreme weather events warning system and emergency response plans	65				
23	Develop Connecticut- specific climate change projections for temperature, precipitation and sea level rise and support monitoring efforts for these climate drivers	24				
32	Provide for increased research, technology transfer and technical assistance to develop and disseminate adaptation strategies to producers and agriculture service providers	37				
35	Advance regional research and modeling to guide conservation efforts	59				
37	Partner with educational institutions or organizations that conduct research	59				
54	Adopt policies that encourage a viable, local agriculture market	38				
55	Provide public funds needed to assist with agriculture infrastructure improvements	38				
56	Provide support for agriculture climate change adaptation education and research	38				
58	Protect critical soil landscapes	40				
60	Reevaluate Connecticut's Green Plan and open space grant programs to prioritize acquisition of land and conservation easements for habitats most at risk from climate change	60				
61	Acquire land and conservation easements to provide upslope —advancement zones adjacent to tidal marshes	60				

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62	Acquire land and conservation easements in riparian areas adjacent to coldwater streams	60				
63	Collaborate among state agencies, municipalities and non-profits within Connecticut to implement regulations and policies that promote and facilitate the conservation of habitats and species most at risk from climate change.	60				
64	Collaborate with other states and federal agencies to develop a coordinated regional adaptation plan	61				
65	Further regulate the introduction and spread of invasive species	61				
66	Apply climate change projections to future stream flow regulations	61				
67	Develop legislation to allow regulatory agencies to respond to extreme heat conditions in occupational settings	71				