ecommendation #	Topic Recommendation	Actions	Implementation Timeframe	Implemented By Who?	Level of feasibility or impact (feasibility/impact)	Level of action	Topic F	Recomm	endatio	ons Rela	tionshi	p to Top	ic Goals	
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J Recommendation 1	efforts and investments in integrated, efficient and accessible infrastructure systems.	<ul> <li>Infrastructure management plans consider life cycle costs including retrofits and design for energy efficiency.</li> <li>Explore opportunities to expand existing municipal water and/or sewer systems to serve compact development, including development located in adjacent and nearby municipalities.</li> <li>Transportation infrastructure is designed to accommodate non-motorized travel for individuals of all ages and physical abilities.</li> <li>Adopt design standards that improve conditions and minimize negative impact to the community and natural resources.</li> </ul>	0-25 years	State agencies, RPC, regional and local stakeholders, municipalities and individuals	high/medium	State, regional, and local	S	S	Р	Р	Р	Р	Р	S
J Recommendation 2	systems, services and infrastructure are available.	Compact development accessible by walking, bicycling and public transit is supported by zoning and regulation. Municipalities site and design community facilities for efficiency and accessibility by all users.  New development and redevelopment occur in a manner that supports and facilitates an efficient transportation system, including: o an interconnected and redundant street network; o a balanced, multimodal transportation system including access to transit and freight services o 'complete' streets with appropriate facilities for all users  Municipality allow for development of diverse housing opportunities, especially those that are close to existing employment centers and future employment opportunities.  Maximize the use of existing developed lands and buildings through redevelopment. Guide growth into areas with existing infrastructure and away from undeveloped areas. Make adequate public and private investments in infrastructure to support additional growth.	0-25 years	State agencies, RPC, regional and local stakeholders, municipalities, and service and infrastructure providers	high/medium	Federal, state, regional and local	S	S	S	Р	Р	Р	Р	S
Recommendation 3	downtowns, village centers and neighborhoods that include a mix of uses.	<ul> <li>Residential development is sited to accommodate the needs of a variety of life stages and different income levels.</li> <li>Municipalities meet their statutory requirements for an adequate affordable housing supply to meet the needs of the region's economy, its workforce, young families and the elderly.</li> </ul>	0-25 years	RPC and municipalities		State, regional, and local	S	S	S	S	Р	Р	S	S
J Recommendation 4	conservation and habitat protection efforts.	Regional and local transportation planning integrates open space, land conservation and habitat protection efforts. Encourage land patterns that employ mixed use, compact design to reduce the rate of land consumption for new development. Conserve large continuous areas of open space, farmland, river corridors and critical environmental areas, and establish connection between those areas.	0-25 years	State agencies, RPC, regional and local stakeholders, and municipalities		State, regional, and local	S	S	Р	S	Р	S	S	S
J Recommendation 5		Municipalities incorporate climate adaptation actions in land use plans and regulations. Identify and protect high-risk areas that provide critical environmental services. Adopt zoning and land use regulations that minimize damage to existing development from flooding and erosion. Infrastructure management plans consider the short to long-term cost of implementing incremental climate adaptation actions, including retrofits, protection or relocation. Transportation plans identify and address the impacts of climate change and natural hazards on the transportation system, including emergency evacuation and response requirements.	0-25 years	Federal and state agencies, RPC, and municipalities	medium/high	Federal, state, regional and local	S	P	Р	S	S	P	Р	S
J Recommendation 6	protect agricultural heritage, local food protection, and working landscapes.	Municipalities adopt regulations that prioritize protection of important agricultural resources soils. Encouragement and technical assistance for local agricultural committees and commissions. Establish collaborative efforts between regional food advocacy efforts, local governments, farmers, and businesses. Leverage open space and land conservation efforts to protect critical fisheries habitats.	2-5 years	State agencies, RPC, regional and local stakeholders, municipalities, and agricultural operation owners.		State, regional, and local	S	S	Р	S	P	S	S	S
J Recommendation 7	Routinely consider historic resources as part of the state and municipal development review process in order to preserve historic buildings and community character.	Utilize historic preservation strategies to maintain traditional downtowns, village centers and neighborhoods. Incorporate historic styles and traditional patterns in to local land use regulations.	0-25 years	State agencies, RPC, and municipalities.	high/medium	Regional and local	Р	S	Р	S	N/A	Р	S	S
J Recommendation 8	development projects.	Municipalities and water systems develop comprehensive drinking source water protection plans. Local land use regulations protect surface water and groundwater resources by: o Requiring pollution prevention plans for commercial and industrial development o Stormwater management that provide for treatment, infiltration and reuse of runoff. o Adopting buffer areas to protect water quality and critical habitats. Strive to minimize impacts of land use change as a significant source of non-point source pollution. Land use and development goals are achieved utilizing education, economic incentives and flexible regulations.	0-25 years	Federal and state agencies, RPC, and municipalities	low/high	Federal, state, regional and local	S	S	S	S	S	S	S	S

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Recommendation #	Topic Recommendation	Actions	Implementation Timeframe	Implemented By Who?	Level of feasibility or impact (feasibility/impact)	Level of action	Topic R	Recomn	nendatio	ons Rela	ationshij	p to Top	oic Goals		
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NR Recommendation 1	Decrease the amount of stormwater runoff by limiting impervious surfaces allowed with new development, requiring onsite treatment of stormwater runoff, and retrofitting existing development.	Municipalities adopt the Southeast Watershed Alliance model stormwater regulations.     Municipalities collaborate with each other and outside organizations to conduct stormwater reduction outreach campaigns.     RPC provides technical assistance to communities regarding compliance with the federal MS4 Stormwater Permit.		State agencies, RPC, municipalities, and private landowners	medium	State, regional, and local	S	S	S	S	S	N/A	Р	N/A	١
NR Recommendation 2	Minimize potential sources of surface water and groundwater pollution by limiting development within drinking water source protection areas, increasing natural buffers around surface waters, and increasing protection of wetlands areas to help filter pollutants.	Municipalities seek to permanently protect areas that serve as drinking water supply sources.     RPC provides technical assistance to communities and water system owners on techniques for protecting drinking water sources.     Municipalities reclassify groundwater supplies, as allowed under RSA 485-C, to restrict certain types of development near water sources or to adopt a local groundwater management plan.     Municipalities seek to increase natural buffers around water resources to help filter potential water pollutant.     Decrease the amount of impervious surfaces near surface waters and groundwater. (For more detail see Recommendation 1 Action Items.)	1-10 years	NHDES, RPC, municipalities	medium	State, regional, and local	S	S	Р	S	S	P	Р	N/A	1
NR Recommendation 3	All municipal water infrastructure operations, including drinking water, wastewater, stormwater and dam infrastructure, evaluate cost-saving potential of coordinating and collaborating with other systems on management and system improvements.	Municipalities develop asset management plans regarding water and wastewater infrastructure systems to account for long-term costs of equipment and system maintenance. Part of these asset management plans should incorporate energy efficiency upgrades, planning for emergency or permanent interconnection with other systems, and feasibility of sharing system management costs with other systems.      Municipalities establish stormwater utility districts to serve as a funding source to implement MS4 Stormwater Permit requirements and to decrease stormwater pollution.      RPC provides technical assistance to help municipalities and water system owners to collaborate on sharing services or implement outreach campaigns to reduce system costs.	0-25 years	NHDES, RPC, municipalities and private water infrastructure owners	high	State, regional, local and private	Р	S	P	Р	S	S	Р	N/A	1
NR Recommendation 4	Encourage communities to protect existing agricultural operations and promote new agricultural uses of land by adopting zoning and site plan regulations that minimize restrictions on agriculture	Creation of a regional agricultural heritage preservation plan that incorporates strategies to protect existing agricultural, forestry, and fishing operations.  Encourage municipalities to adopt regulations to protect prime agricultural soils.  Encourage municipalities to amend or adopt conservation subdivision regulations that promote preservation of agricultural land.  Establishment of local agricultural commissions where they do not currently exist.	0-5 years	NHDAMF, RPC, municipalities	medium	State, regional, local, and private	Р	P	S	S	Р	Р	S	Р	
NR Recommendation 5	Encourage communities to adopt open space plans and zoning regulations that protect those areas identified as locally or regionally important for wildlife, recreation, agriculture, and scenic quality. Whenever possible, areas that are important for multiple factors should be prioritized.	Municipalities adopt open space plans that include recommendations for protection of high priority areas identified in conservation and open space plans, including:     o Land Conservation Plan for New Hampshire's Coastal Watersheds     o Merrimack River Valley Land Conservation Plan Coastal Conservation Priority Plan     o Lamprey River and Exeter-Squamscott River Management Plans     • Municipalities without cluster or open space subdivisions adopt such regulations to help protect open	0-5 years	RPC and municipalities	medium	Regional and local	S	S	S	S	Р	Р	Р	Р	
NR Recommendation 6	Communities should evaluate current land use and zoning ordinances to determine how current and potential future development may negatively affect the ability of surface waters to flow across the landscape or for precipitation to infiltrate the ground.	Establish standards for the amount of allowed impervious surface coverage allowed on individual sites.     Increase the capacity requirement for all culverts to accommodate increased runoff from storm events.	0-10 years	State agencies, RPC, and municipalities	d medium	State, regional, and local	S	S	S	S	S	Р	Р	Р	
NR Recommendation 7	Municipalities manage solid waste generated in the region as a sustainable material in order to find cost savings and conserve natural resources.	Municipalities not already doing so adopt "pay as you throw" waste disposal in combination with free recycling.     Establish one or more permanent household hazardous waste collection centers in the region.	5-15 years	State agencies, RPC and municipalities	medium	State, regional, and local	N/A	N/A	N/A	P	S	Р	N/A	S	
NR Recommendation 8	Communities should incorporate the impacts a changing climate will have on natural resources and environmental services into all planning activities, including zoning, infrastructure investments, emergency planning, and economic development.	Evaluate and retrofit existing stream crossings to accommodate increase flows from storm events.     Incorporate impacts to roads and water/wastewater infrastructure into emergency management plans.     Prioritize areas for protection that are identified as being susceptible to the impacts of climate change and sea-level rise.     Provide more outreach to communities and individual landowner regarding how climate change may impact a particular community or area, and provide technical assistance for how to adapt to those impacts.	0-25 years	State, RPC and municipalities	medium	State, regional, and local	S	S	S	S	S	Р	Р	S	

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ED Recommendation 1	Fund, maintain, upgrade and expand the region's infrastructure (transportation, sewer, water, energy, telecommunications and broadband) to address current and future needs of the region.	Encourage future development expansion in locations already served by adequate infrastructure.     Utilize cooperative and coordinated regional approaches in addressing infrastructure needs.     Ensure that modern asset management principles, including life cycle cost accounting, is used in setting user fees to maintain & replace infrastructure.     Work with state and federal policy makers to seek full funding of revolving loan programs for the region's water and wastewater facility upgrades.     Undertake a feasibility study of connecting and consolidating multiple small water systems in the Southern Rockingham region.     Update the Southern New Hampshire Water Supply study to evaluate adequacy of water supply sources through 2040.     Promote changes at the Federal and State levels that ensure competition among internet service providers or that redefines broadband infrastructure as a public utility.     Work with communities and appropriate state and federal agencies to facilitate development of broadband access to underserved nockets of the region.	0-25 years	State agencies, local and private sector stakeholders		State and local	P	S	P	N/A	N/A	N/A	P	
ED Recommendation 2	Develop service models and governing capacity to enable municipalities to share and consolidate municipal services where efficiencies and outcomes would be improved.	Pursue regional cooperation in planning for infrastructure and financing. Identify services where interest and potential benefits for cooperation are highest. Develop capacity within the RPC to facilitate regional cooperation and services sharing. Facilitate cooperative regional approaches in addressing water quality infrastructure needs, including development of shared planning and implementation components of MS4 permit requirements.	5-10 years	RPC, regional and local stakeholders, and municipalities	high	Regional and local	N/A	S	S	N/A	N/A	N/A	P	
ED Recommendation 3	Develop the skills and education in the workforce at all levels (high school, vocational/technical, community college, university) to match the needs of the region's employers.	Use the model of the advanced manufacturing partnership (AMPed) to establish active collaboration between educational institutions and companies with specific workforce needs     Target the specific employee skill sets and training most needed by the industries and industry clusters developing in the region.     Support the REDC efforts and those of educational institutions in regional workforce development, including funding to address retaining of displaced workers	1-10 years	Great Bay Community College, REDC, and Seacoast School of Technology	high	State and regional	S	N/A	N/A	S	P	N/A	N/A	Ī
ED Recommendation 4	Protect the region's high quality of life and cultural and natural amenities.	Enact policies and incentives that favor redevelopment of existing developed land (i.e. 'brownfields') over the development on previously undeveloped land ('greenfields') and around existing town centers, or other development nodes.     Address water quality impairments in the region by working collaboratively on a watershed basis to address both point and non-point pollution sources.     Protect, through easements and other means, the remaining forest and agricultural resources in the region to support the resurgent agricultural economy.     Encourage and assist communities in the identification and preservation of their natural and historic resources.     Leverage the region's amenities and overall high quality of environment to recruit new	0-25 years	State agencies, regional and local stakeholders, and municipalities	medium	State, regional, and local	Р	Р	Р	N/A	Р	S	Р	
ED Recommendation 5	Eliminate unnecessary barriers to the development of workforce- affordable housing in all parts of the region.	businesses, tourism and a skilled, educated labor force.  Work with communities to ensure that their land use polices create realistic opportunities for private development of workforce-affordable housing.  Create collaboration among employers, housing and development entities, banks and private developers to ensure adequate access to financing for workforce housing development.  Ensure that adequate workforce housing opportunities exist in proximity to the region's major employment centers.  Include commuting distances and transportation costs in policies, programs related to housing affordability.	0-5 years	RPC, regional and local stakeholders, and municipalities	medium	Regional and local	S	Р	N/A	N/A	S	Р	N/A	
ED Recommendation 6	Take "no-regrets" actions beginning immediately to reduce future vulnerabilities and costs associated with climate change.	Develop detailed assessments regarding specific vulnerabilities related to climate change and guidance to communities to plan for increased flood risk and extreme weather     Develop and implement updated, zoning, building and infrastructure design standards to improve general resiliency to natural hazards and account for increased flood risk, especially in areas vulnerable to sea level rise.     Establish business continuity plans to better cope with service disruptions resulting from natural disasters.     Periodically reassess climate changes assumptions to determine if greater or lessor actions may be needed to reduce vulnerabilities.	0 years	Federal and state agencies, municipalities, and private sector entities.	high	Federal, state, and local	N/A	S	S	N/A	Р	Р	S	
ED Recommendation 7	Implement regional strategies for transportation, land use and the built environment that improve energy efficiency, increase cost effective renewable energy production and utilization.	Provide guidance and technical assistance to municipalities to retrofit energy conservation measures in municipal buildings, infrastructure and other facilities to reduce costs and energy consumption. Promote effective utilization of available RGGI and Renewable Energy funds to municipalities and business to subsidize investments in energy conservation measures. Expand natural gas distribution systems and access to services in the more densely developed areas of the region.	0-10 years	State agencies, RPC, municipalities, and utilities.	high	State and regional	Р	Р	Р	N/A	N/A	Р	S	
ED Recommendation 8	Coordinate state, regional and local infrastructure and development project priorities to maximize funding & investment opportunities	Utilize existing CEDS, MPO TIP and other similar processes to identify and prioritize the region's top development project priorities.     Facilitate joint economic development efforts between communities.	0-5 years	REDC, RPC, CDFM, and NH HEM	high	State and regional	S	S	S	S	Р	P	Р	

HOU Recommendation 11		prepare and present guidance information regarding low income or historic preservation tax credits to encourage the creation of workforce housing     Increase staff capability in-house in support of these incentive programs	0-5 years	RPC, not-for-profit housing organizations, government agencies	medium	state, regional, local	S	S	Р	N/A	Р	N/A	Р	Р
HOU Recommendation 12	third story spaces above commercial.	Assist communities in participating in design charettes to consider appropriate areas in town for downtown second and third story residential use above commercial.     Prepare model zoning ordinances that encourage this kind of mixed use     Prepare design guidelines and subdiviision regualtion that support mixed use development patterns	0-5 years	RPC, municipalities	high	regional, local	S	N/A	S	S	S	Р	S	Р
HOU Recommendation 13	preservation or replacement of affordable housing affected by redevelopment.	<ul> <li>Prepare and present guidance information regarding the preservation or replacement of affordable housing affected by redevelopment.</li> <li>Coordinate with state and regional housing advocates to provide outreach regarding the preservation or replacement of affordable housing affected by redevelopment.</li> </ul>	0-5 years	RPC, municipalities, not- for-profit housing organizations	medium	state, regional, local	S	2	N/A	N/A	N/A	N/A	S	S
HOU Recommendation 14	Authority to help preserve affordability in existing subsidized rental housing by monitoring the expiration of subsidy commitments and	<ul> <li>prepare and present guidance information regarding the preservation of affordability in existing subsidized rental housing by monitoring the expiration of subsidy commitments and income or rent limitations in the developments.</li> <li>Increase staff capability in-house in support of this activity</li> </ul>	0-5 years	RPC, municipalities, NH Housing Finance Authority	medium	state, regional, local	S	S	P	N/A	N/A	Р	N/A	N/A
HOU Recommendation 15	Grant (CDBG)and other funds to rehabilitate and improve housing stock serving low to moderate income homeowners and renters.	Prepare and present guidance information regarding the use of Community Development Block Grant (CDBG)and other funds to rehabilitate and improve housing stock serving low to moderate income homeowners and renters. Increase staff capability in-house in support of this activity	0-10 years	RPC, not-for-profit housing organizations, government agencies, private developers and builders	medium	state, regional, local	S	S	Р	N/A	Р	Р	Р	Р
HOU Recommendation 16	regarding workforce housing and continue to maintain and update the regional housing needs assessment per RSA 36:47 II.	<ul> <li>Prepare guidance information for our member communities regarding state requirements for the provision of work force housing</li> <li>Keep the RPC's Housing needs assessment current as a tool to help member communities determine the level of activity they need to comply with the State law regarding Workforce housing</li> </ul>	0-5 years	RPC, municipalities	high	state, regional, local	S	S	Р	N/A	N/A	Р	N/A	N/A
HOU Recommendation 17	amending its land use plan to allow mixed residential use in	<ul> <li>Coordinate with the Pease DevelopmentAuthority to encouage an evaluation of their existing Mater Plan to incorporate an element of on-site housing.</li> </ul>	0-5 years	RPC, Peaase Development Authority	low	state, regional, local	S	N/A	S	Р	Р	N/A	S	S

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NHZ Recommendation 1	Incorporate information on future hazards and climate change in municipal planning documents (e.g. Hazard Mitigation Plans, Master Plans, capital improvement plans, and open space and land conservation plans).	Prepare multi-hazard and climate change vulnerability assessments for coastal and Great Bay municipalities. Support municipalities in adopting a Climate Change Chapter in their local hazard mitigation plans. Adopt natural hazards and climate adaptation measures in municipal infrastructure and facilities management plans. Adopt long term goals in local Master Plans to reduce risk and exposure to natural hazards and climate change impacts based on recommendations from vulnerability assessments and local Hazard Mitigation Plans. State and regional partners (such as NH HSEM, Coastal Adaptation Workgroup, NH Coastal Program and RPC) secure funding for regional and local hazard mitigation planning and climate adaptation projects.	0-10 years, then ongoing	RPC, regional stakeholders, and municipalities	high	Regional and local	P	S	S	S	S	S	S	S
NHZ Recommendation 2	Implement strategies to minimize impacts to people, property, and infrastructure.	Work with state agencies, utilities and municipalities to plan for future use of lands in high risk areas served by state and municipal infrastructure, considering adaptive reuse, relocation, and retreat strategies.      Assess risk and level of exposure of key regional and local infrastructure and facilities.      Identify strategies to implement phased and iterative adaptation measures through the life cycle of infrastructure and facilities in high hazard areas.      Plan for future relocation or replacement of infrastructure and facilities in high risk areas.      Create local multi-sector planning committees to identify and integrate key cross-cutting issues and recommendations into municipal policies and programs, regulations and building codes.      Committees may consist of elected officials, department heads and staff, land use boards and commissions and water/sewer utilities.      Adopt standards in local zoning and land development regulations that protect and minimize impacts to public and private investments, and critical resources.	0-25 years	Federal and state agencies, RPC, regional stakeholders, municipalities and nonprofit organizations.	medium/high	Federal, state, regional, and local	S	S	S	Р	Р	S	S	S
NHZ Recommendation 3	Implement strategies to conserve and minimize impacts to ecosystems, natural resources and historical and cultural resources.	Assess risk and level of exposure of critical ecosystems, environmental services, and historical and cultural resources to natural hazards and climate change.  • Collaborate with natural resource and environmental agencies and organizations to prepare resource based plans (natural, historical, cultural) at the (sub)watershed scale that consider existing hazards and future impacts of climate change.  • Collaborate with natural resource and environmental agencies and organizations to conserve and protect environmental services provided by natural landscapes.  • Develop technical assessment tools to guide planning and regulatory decisions that consider both the human and natural environments.	0-25 years	Federal and state agencies, RPC, regional stakeholders, and municipalities	high	Federal, state, regional, and local	S	S	S	Р	Р	S	S	S
NHZ Recommendation 4	Local emergency response and planning officials develop regional and/or local disaster response and recovery plans.	Encourage municipalities to participate in the New Hampshire Public Works Municipal Aid program.     Coordinate federal, state and municipal regulatory and permitting standards following a disaster or extreme event.     Determine what types of structures may be rebuilt and to what standards.     Identify lands where rebuilding is not feasible or able to be supported by infrastructure.     Identify restoration opportunities for natural systems.     Integrate response and recovery plans with local Hazard Mitigation Plans, Master Plans, zoning and land development regulations.	0-25 years	RPC, regional stakeholders, municipalities, and Climate Adaptation Workgroup	high	State, regional, and local	S	S	S	Р	Р	S	S	S
NHZ Recommendation 5	Municipalities proactively communicate and provide resources to residents and businesses about the impacts of natural hazards and how to better prepare for such events.	Provide informational materials and guidance to property owners about the FEMA National Flood Insurance Program, ways to reduce exposure and risk, and manage costs of insurance premiums. Provide information to residents and businesses on ways to improve preparedness before and after hazardous events. Require information about existing and potential future hazards be provided to prospective property buyers. Communicate the level of municipal costs associated with declared disasters and other hazardous events and ways these costs might be minimized or avoided through changes to municipal decisions and regulatory requirements. Coastal Adaptation Workgroup provides technical resources and guidance to municipalities, residents and businesses in the region.	0-25 years	RPC, regional stakeholders, and municipalities	high/medium	State, regional, and local	P	Р	S	Р	TBD	S	Р	S

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C Recommendation 1	Strengthen state, regional and municipal capacity to understand risks and vulnerability to potential future impacts of climate change.	Facilitate access and application of assessments, reports, data and planning resources about climate change planning and climate adaptation strategies.     Partner with federal and state agencies, regional partners and local organizations to apply for funding and technical support.     Partner with federal and state agencies, regional partners and local organizations to expand resources and improve coordination.     Support implementation of state, regional and local research, assessments and initiatives that fill gaps in climate change data, resources and tools.     State agencies and municipalities commit resources and capacity to plan for climate change.		State agencies, RPC, regional and local stakeholders	high	State, regional, and local (with Climte Adaptation Workgroup)	P	S	S	P	P	
C Recommendation 2	A. Encourage coastal municipalities to incorporate a Coastal Flood and Hazards Chapter in their Master Plan.     B. Encourage all municipalities to incorporate a Climate Adaptation Chapter in their Hazard Mitigation Plan.	Seek new funding sources and align future RPC program funds to support municipal efforts.     Assist municipalities with adopting the draft Climate Change Chapters from RPC's Tides to Storms project in updates to their Hazard Mitigation Plans.	0	RPC, regional and local stakeholders, and municipalities	high	Regional and local	Р	S	S	TBD	S	
C Recommendation 3	Continue membership in the NH Coastal Adaptation Workgroup and other regional and statewide climate adaptation initiatives.	Continue to partner with NH Coastal Adaptation Workgroup and its members to apply for funding and technical support for climate change initiatives.	0	Federal and state agencies, RPC, regional and local stakeholders, municipalities, academic institutions, and non-	high	State, regional, and local	S	S	P	S	S	
C Recommendation 4	Adopt standards for management of state and municipal infrastructure with safety margins that consider future risk and vulnerability due to climate change.	Incorporate benefit to cost analyses in new construction, replacement rehabilitation and reconstruction projects.     Municipalities utilize FEMA pre- and post-disaster mitigation funds to protect existing infrastructure over its expected life cycle.     Apply science-based projections of future sea level, storm surge, precipitation and temperature changes to state, regional and municipal policies, programs and regulations.	2 -25 years (with ongoing modifications)	State agencies and municipalities.	medium/high	State and local	Р	S	Р	Р	S	
C Recommendation 5	Provide guidance and recommendations to incorporate climate adaptation strategies and actions in municipal and regional policy, planning and regulatory sectors.	Utilize existing funds and seek additional funding sources to support integration of climate change in RPC work program. Incorporate climate adaptation strategies and actions in RPC projects and plans. Work with municipalities to incorporate climate change strategies in hazard mitigations plans, open space and land conservation plans, zoning ordinances and land development regulations. Assist municipalities to implement climate change actions and adaptation strategies including adoption of policy, planning and regulatory measures. Encourage comprehensive land use planning, environmental planning and floodplain management that prevents and minimizes impacts.	0-25 years	Coastal Adaptation Workgroup	high	State and regional (with Climate Adaptation Workgroup)	S	S	S	P	P	
C Recommendation 6	Integrate protection of natural and constructed systems, social services, and historic and cultural resources into engineering and regulatory frameworks of shoreline management.	Improve shoreline management to address the intensifying challenges posed by climate change, including management of development in high risk areas.  Improve shoreline management by coastal and floodplain erosion, and loss of natural resources that protect against flooding.  Retain and expand dunes, beaches, wetlands, forests and natural vegetation to protect against coastal and riverine flooding.  Discourage hardening of shorelines in favor of protecting existing natural shorelines and restoring them when feasible.  Apply hard and engineered shoreline techniques only to protect essential infrastructure and evaluate the benefit to cost of maintaining these techniques in the future.	0-25 years	Federal and state agencies, and municipalities	medium/high	Federal, state, regional, and local (with Climate Adaptation Workgroup)	S	S	Р	P	P	
C Recommendation 7	Apply results from the Tides to Storms Coastal Vulnerability Assessment to climate adaptation actions at the state, regional and local levels.	Incorporate data, reports and maps from the Tides to Storms Coastal Vulnerability Assessment in state, regional, and municipal climate adaptation efforts. Assist municipalities with incorporating collaborative strategies to address regional resources, assets, and impacts identified in Tides to Storms assessment. Apply project information and findings to ongoing and future climate change projects by RPC and in collaboration with others. Provide access to Tides to Storms information and products through NH GRANIT database and Coastal Viewer (under development).		State agencies, RPC, regional stakeholders, and local municipalities.	medium/high	State, regional, and local	S	S	S	S	S	
C Recommendation 8	Integrate climate mitigation actions across all sectors of planning, transportation, land development and infrastructure projects.	Attain reduction in vehicle miles travelled and overall greenhouse gas emissions in the region. Protect areas that serve as carbon storage such as forests, wetlands and other natural landscapes. Facilitate increase in use of low-carbon energy sources and installation and use of renewable energy sources.	0-25 years	State agencies, RPC, regional stakeholders, and local municipalities.	medium/high	Federal, state, regional, and local	Р	Р	S	Р	S	
C Recommendation 9	Implement outreach and engagement measures to raise regional and community-based awareness about climate change.	Work with regional partners to promote and encourage land and resource conservation in high risk areas such as coastal and riverine floodplains and to protect surface and groundwater resources.      State, regional and municipal decision makers work together to protect critical services	0-5 years (initial	State agencies, RPC, regional stakeholders, local municipalities, and	medium	State, regional, and local (with Climate	S	S	S	S	S	

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ecommendation #	Topic Recommendation	Actions	Implementation Timeframe	Implemented By Who?	Level of feasibility or impact (feasibility/impact)		Topic R	ecomm	nendatio	ns Rela	ntionship to Topic Goal
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IIST Recommendation 1	Include a chapter on historic and cultural resources in municipal master plans that: recognizes community character; includes provisions for updating resource inventories; and considers the	Update and maintain historic resources data in the RPC Geographic Information System.     Encourage the NH Division of Historic Resources to prioritize digitalization of their historic resources inventory data and make these data available to municipalities, regional planning commissions and other state agencies.     Assist communities as resources allow with development of local Master Plan historic resources chapters.	0-5 years, ongoing	NHDHR, RPC and municipalities	high/medium	State,regional and local	S	Р	Р	Р	P
IST Recommendation 2	Establish Heritage Commissions and/or Historic District Commissions as local champions for the identification, recognition, protection, and management of historic and cultural resources.	Assist communities on request with the process of establishing Heritage Commissions and/or Historic District Commissions.     Develop Town-Wide Area Forms in those communities that currently lack them, that address historic resources extending into the 20th century.	0-10 years, ongoing	RPC, local historic societies, and municipalities	medium/medium	Local	S	S	S	S	S
IST Recommendation 3		Encourage collaboration between schools and heritage education organizations, particularly efforts making use of local historic resources as teaching tools, as part of 4th grade New Hampshire history or other curricula.     Utilize local access cable, town websites, mobile applications, markers and other media to convey information on local history and historic resources to residents and visitors	3-5 years, ongoing	RPC, historic societies, and municipalities	medium/medium	Local	Р	Р	S	Р	Р
IST Recommendation 4	Expand local use of innovative land use policies to promote rehabilitation and continued use of historic properties, and ensure new development and redevelopment complement community character.	Support communities in the implementation of policies such as demolition delay and review ordinances, preservation easements, or form based code.     Support inclusion of allowances for traditional agricultural use in land conservation easements.	3-5 years, ongoing	RPC, regional and local stakeholders, and municipalities	medium/high	Local	S	S	Р	S	Р
IST Recommendation 5	Promote local and regional efforts to use historic and cultural resources as economic development tools, including Scenic Byways and local Main Street programs and other heritage tourism initiatives.	Continue technical assistance to Scenic Byway initiatives in the region, including the NH Coastal Scenic Byway, American Independence Byway, and Robert Frost/Old Stage Coach Scenic Byway.      Assist communities as requested with development of Main Street Programs.	0-25 years	RPC and municipalities	high/medium	Regional and local	Р	Р	Р	Р	S
IIST Recommendation 6	Encourage expansion of funding available for historic resources inventory, conservation, rehabilitation, and education initiatives.	Be proactive in seeking federal, state and private sector funding to support efforts to protect and promote historic and cultural resources and community character. Advocate at the state level for maintaining and expanding funding for the NH Land and Community Heritage Investment Program (LCHIP). Encourage local initiatives to dedicate proceeds from the Land Use Change Tax (LUCT) to conservation and preservation purposes.	0-25 years	RPC, regional and local stakeholders, historical societies, and municipalities	low/high	State and local	Р	Р	S	S	S
IIST Recommendation 7	Build capacity at the Rockingham Planning Commission to assist communities with historic and cultural resources planning	Educate RPC staff and commissioners on historic and cultural resource issues; designate one staff planner as a historic preservation coordinator.     Participate in biennial regional networking meetings of local Heritage Commissions     Maintain contact with identified historic preservation organizations by membership in order to keep abreast of workshops, conferences and publications.     Maintain close communication with the New Hampshire Division of Historic Resources (DHR) and disseminate materials as developed for and by DHR to communities involved.	0-25 years	RPC	high/medium	Regional	S	S	S	S	S
IST Recommendation 8	Build community level capacity for the protection and management of historic and cultural resources.	Encourage and help publicize public program and workshops on issues related to historic preservation directed at both municipalities and private property owners.	3-5 years, ongoing	RPC and municipalities	high/medium	Local	S	S	S	S	S

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NR Recommendation 1	Decrease the amount of stormwater runoff by limiting impervious surfaces allowed with new development, requiring onsite treatment of stormwater runoff, and retrofitting existing development.	<ul> <li>Municipalities adopt the Southeast Watershed Alliance model stormwater regulations.</li> <li>Municipalities collaborate with each other and outside organizations to conduct stormwater reduction outreach campaigns.</li> <li>RPC provides technical assistance to communities regarding compliance with the federal MS4 Stormwater Permit.</li> </ul>	0-15 years	State agencies, RPC, municipalities, and private landowners	medium	State, regional, and local	S	S	S	S	S	N/A	Р	N/A	N
NR Recommendation 2	Minimize potential sources of surface water and groundwater pollution by limiting development within drinking water source protection areas, increasing natural buffers around surface waters, and increasing protection of wetlands areas to help filter pollutants.	Municipalities seek to permanently protect areas that serve as drinking water supply sources.     RPC provides technical assistance to communities and water system owners on techniques for protecting drinking water sources.     Municipalities reclassify groundwater supplies, as allowed under RSA 485-C, to restrict certain types of development near water sources or to adopt a local groundwater management plan.     Municipalities seek to increase natural buffers around water resources to help filter potential water pollutant.     Decrease the amount of impervious surfaces near surface waters and groundwater. (For more detail see Recommendation 1 Action Items.)	1-10 years	NHDES, RPC, municipalities	medium	State, regional, and local	S	S	Р	S	S	Р	Р	N/A	N
NR Recommendation 3	All municipal water infrastructure operations, including drinking water, wastewater, stormwater and dam infrastructure, evaluate cost-saving potential of coordinating and collaborating with other systems on management and system improvements.	Municipalities develop asset management plans regarding water and wastewater infrastructure systems to account for long-term costs of equipment and system maintenance. Part of these asset management plans should incorporate energy efficiency upgrades, planning for emergency or permanent interconnection with other systems, and feasibility of sharing system management costs with other systems.      Municipalities establish stormwater utility districts to serve as a funding source to implement MS4 Stormwater Permit requirements and to decrease stormwater pollution.      RPC provides technical assistance to help municipalities and water system owners to collaborate on sharing services or implement outreach campaigns to reduce system costs.	0-25 years	NHDES, RPC, municipalities and private water infrastructure owners	high	State, regional, local and private	Р	S	Р	Р	S	S	Р	N/A	יז
NR Recommendation 4	Encourage communities to protect existing agricultural operations and promote new agricultural uses of land by adopting zoning and site plan regulations that minimize restrictions on agriculture	Creation of a regional agricultural heritage preservation plan that incorporates strategies to protect existing agricultural, forestry, and fishing operations.  Encourage municipalities to adopt regulations to protect prime agricultural soils.  Encourage municipalities to amend or adopt conservation subdivision regulations that promote preservation of agricultural land.  Establishment of local agricultural commissions where they do not currently exist.	0-5 years	NHDAMF, RPC, municipalities	medium	State, regional, local, and private	Р	Р	S	S	Р	Р	S	Р	
NR Recommendation 5	Encourage communities to adopt open space plans and zoning regulations that protect those areas identified as locally or regionally important for wildlife, recreation, agriculture, and scenic quality. Whenever possible, areas that are important for multiple factors should be prioritized.	Municipalities adopt open space plans that include recommendations for protection of high priority areas identified in conservation and open space plans, including:     o Land Conservation Plan for New Hampshire's Coastal Watersheds     o Merrimack River Valley Land Conservation Plan Coastal Conservation Priority Plan     o Lamprey River and Exeter-Squamscott River Management Plans     Municipalities without cluster or open space subdivisions adopt such regulations to help protect open	0-5 years	RPC and municipalities	medium	Regional and local	S	S	S	S	Р	Р	Р	Р	
NR Recommendation 6	Communities should evaluate current land use and zoning ordinances to determine how current and potential future development may negatively affect the ability of surface waters to flow across the landscape or for precipitation to infiltrate the ground.	Establish standards for the amount of allowed impervious surface coverage allowed on individual sites.     Increase the capacity requirement for all culverts to accommodate increased runoff from storm events.	0-10 years	State agencies, RPC, and municipalities	medium	State, regional, and local	S	S	S	S	S	Р	Р	Р	
NR Recommendation 7	Municipalities manage solid waste generated in the region as a sustainable material in order to find cost savings and conserve natural resources.	Municipalities not already doing so adopt "pay as you throw" waste disposal in combination with free recycling.     Establish one or more permanent household hazardous waste collection centers in the region.	5-15 years	State agencies, RPC and municipalities	medium	State, regional, and local	N/A	N/A	N/A	Р	S	Р	N/A	S	
NR Recommendation 8	Communities should incorporate the impacts a changing climate will have on natural resources and environmental services into all planning activities, including zoning, infrastructure investments, emergency planning, and economic development.	Evaluate and retrofit existing stream crossings to accommodate increase flows from storm events.     Incorporate impacts to roads and water/wastewater infrastructure into emergency management plans.     Prioritize areas for protection that are identified as being susceptible to the impacts of climate change and sea-level rise.     Provide more outreach to communities and individual landowner regarding how climate change may impact a particular community or area, and provide technical assistance for how to adapt to those impacts.	0-25 years	State, RPC and municipalities	medium	State, regional, and local	S	S	S	S	S	Р	Р	S	

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			Implementation		Level of feasibility or impact							_		
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ED Recommendation 1	Fund, maintain, upgrade and expand the region's infrastructure (transportation, sewer, water, energy, telecommunications and broadband) to address current and future needs of the region.	Encourage future development expansion in locations already served by adequate infrastructure.     Utilize cooperative and coordinated regional approaches in addressing infrastructure needs.     Ensure that modern asset management principles, including life cycle cost accounting, is used in setting user fees to maintain & replace infrastructure.     Work with state and federal policy makers to seek full funding of revolving loan programs for the region's water and wastewater facility upgrades.     Undertake a feasibility study of connecting and consolidating multiple small water systems in the Southern Rockingham region.     Update the Southern New Hampshire Water Supply study to evaluate adequacy of water supply sources through 2040.     Promote changes at the Federal and State levels that ensure competition among internet service providers or that redefines broadband infrastructure as a public utility.     Work with communities and appropriate state and federal agencies to facilitate development of broadband access to underserved nockets of the region.	0-25 years	State agencies, local and private sector stakeholders		State and local	P	S	P	N/A	N/A	N/A	P	
ED Recommendation 2	Develop service models and governing capacity to enable municipalities to share and consolidate municipal services where efficiencies and outcomes would be improved.	Pursue regional cooperation in planning for infrastructure and financing. Identify services where interest and potential benefits for cooperation are highest. Develop capacity within the RPC to facilitate regional cooperation and services sharing. Facilitate cooperative regional approaches in addressing water quality infrastructure needs, including development of shared planning and implementation components of MS4 permit requirements.	5-10 years	RPC, regional and local stakeholders, and municipalities	high	Regional and local	N/A	S	S	N/A	N/A	N/A	P	
ED Recommendation 3	Develop the skills and education in the workforce at all levels (high school, vocational/technical, community college, university) to match the needs of the region's employers.	Use the model of the advanced manufacturing partnership (AMPed) to establish active collaboration between educational institutions and companies with specific workforce needs     Target the specific employee skill sets and training most needed by the industries and industry clusters developing in the region.     Support the REDC efforts and those of educational institutions in regional workforce development, including funding to address retaining of displaced workers	1-10 years	Great Bay Community College, REDC, and Seacoast School of Technology	high	State and regional	S	N/A	N/A	S	P	N/A	N/A	Ī
ED Recommendation 4	Protect the region's high quality of life and cultural and natural amenities.	Enact policies and incentives that favor redevelopment of existing developed land (i.e. 'brownfields') over the development on previously undeveloped land ('greenfields') and around existing town centers, or other development nodes.     Address water quality impairments in the region by working collaboratively on a watershed basis to address both point and non-point pollution sources.     Protect, through easements and other means, the remaining forest and agricultural resources in the region to support the resurgent agricultural economy.     Encourage and assist communities in the identification and preservation of their natural and historic resources.     Leverage the region's amenities and overall high quality of environment to recruit new	0-25 years	State agencies, regional and local stakeholders, and municipalities	medium	State, regional, and local	Р	Р	Р	N/A	Р	S	Р	
ED Recommendation 5	Eliminate unnecessary barriers to the development of workforce- affordable housing in all parts of the region.	businesses, tourism and a skilled, educated labor force.  Work with communities to ensure that their land use polices create realistic opportunities for private development of workforce-affordable housing.  Create collaboration among employers, housing and development entities, banks and private developers to ensure adequate access to financing for workforce housing development.  Ensure that adequate workforce housing opportunities exist in proximity to the region's major employment centers.  Include commuting distances and transportation costs in policies, programs related to housing affordability.	0-5 years	RPC, regional and local stakeholders, and municipalities	medium	Regional and local	S	Р	N/A	N/A	S	Р	N/A	
ED Recommendation 6	Take "no-regrets" actions beginning immediately to reduce future vulnerabilities and costs associated with climate change.	Develop detailed assessments regarding specific vulnerabilities related to climate change and guidance to communities to plan for increased flood risk and extreme weather     Develop and implement updated, zoning, building and infrastructure design standards to improve general resiliency to natural hazards and account for increased flood risk, especially in areas vulnerable to sea level rise.     Establish business continuity plans to better cope with service disruptions resulting from natural disasters.     Periodically reassess climate changes assumptions to determine if greater or lessor actions may be needed to reduce vulnerabilities.	0 years	Federal and state agencies, municipalities, and private sector entities.	high	Federal, state, and local	N/A	S	S	N/A	Р	Р	S	
ED Recommendation 7	Implement regional strategies for transportation, land use and the built environment that improve energy efficiency, increase cost effective renewable energy production and utilization.	Provide guidance and technical assistance to municipalities to retrofit energy conservation measures in municipal buildings, infrastructure and other facilities to reduce costs and energy consumption. Promote effective utilization of available RGGI and Renewable Energy funds to municipalities and business to subsidize investments in energy conservation measures. Expand natural gas distribution systems and access to services in the more densely developed areas of the region.	0-10 years	State agencies, RPC, municipalities, and utilities.	high	State and regional	Р	Р	Р	N/A	N/A	Р	S	
ED Recommendation 8	Coordinate state, regional and local infrastructure and development project priorities to maximize funding & investment opportunities	Utilize existing CEDS, MPO TIP and other similar processes to identify and prioritize the region's top development project priorities.     Facilitate joint economic development efforts between communities.	0-5 years	REDC, RPC, CDFM, and NH HEM	high	State and regional	S	S	S	S	Р	P	Р	

HOU Recommendation 11		prepare and present guidance information regarding low income or historic preservation tax credits to encourage the creation of workforce housing     Increase staff capability in-house in support of these incentive programs	0-5 years	RPC, not-for-profit housing organizations, government agencies	medium	state, regional, local	S	S	Р	N/A	Р	N/A	Р	Р
HOU Recommendation 12	third story spaces above commercial.	<ul> <li>Assist communities in participating in design charettes to consider appropriate areas in town for downtown second and third story residential use above commercial.</li> <li>Prepare model zoning ordinances that encourage this kind of mixed use</li> <li>Prepare design guidelines and subdiviision regualtion that support mixed use development patterns</li> </ul>	0-5 years	RPC, municipalities	hìgh	regional, local	S	N/A	S	S	S	Р	S	Р
HOU Recommendation 13	preservation or replacement of affordable housing affected by redevelopment.	<ul> <li>Prepare and present guidance information regarding the preservation or replacement of affordable housing affected by redevelopment.</li> <li>Coordinate with state and regional housing advocates to provide outreach regarding the preservation or replacement of affordable housing affected by redevelopment.</li> </ul>	0-5 years	RPC, municipalities, not- for-profit housing organizations	medium	state, regional, local	S	2	N/A	N/A	N/A	N/A	S	S
HOU Recommendation 14	Authority to help preserve affordability in existing subsidized rental housing by monitoring the expiration of subsidy commitments and	<ul> <li>prepare and present guidance information regarding the preservation of affordability in existing subsidized rental housing by monitoring the expiration of subsidy commitments and income or rent limitations in the developments.</li> <li>Increase staff capability in-house in support of this activity</li> </ul>	0-5 years	RPC, municipalities, NH Housing Finance Authority	medium	state, regional, local	S	S	Р	N/A	N/A	Р	N/A	N/A
HOU Recommendation 15	Grant (CDBG)and other funds to rehabilitate and improve housing stock serving low to moderate income homeowners and renters.	Prepare and present guidance information regarding the use of Community Development Block Grant (CDBG)and other funds to rehabilitate and improve housing stock serving low to moderate income homeowners and renters. Increase staff capability in-house in support of this activity	0-10 years	RPC, not-for-profit housing organizations, government agencies, private developers and builders	medium	state, regional, local	S	S	Р	N/A	Р	Р	Р	Р
HOU Recommendation 16	regarding workforce housing and continue to maintain and update the regional housing needs assessment per RSA 36:47 II.	<ul> <li>Prepare guidance information for our member communities regarding state requirements for the provision of work force housing</li> <li>Keep the RPC's Housing needs assessment current as a tool to help member communities determine the level of activity they need to comply with the State law regarding Workforce housing</li> </ul>	0-5 years	RPC, municipalities	high	state, regional, local	S	S	Р	N/A	N/A	Р	N/A	N/A
HOU Recommendation 17	amending its land use plan to allow mixed residential use in	<ul> <li>Coordinate with the Pease DevelopmentAuthority to encouage an evaluationn of their existing Mater Plan to incorporate an element of on-site housing.</li> </ul>	0-5 years	RPC, Peaase Development Authority	low	state, regional, local	S	N/A	S	Р	Р	N/A	S	S

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tecommendation #	Topic Recommendation	Actions	Implementation Timeframe	Implemented By Who?	Level of feasibility or impact (feasibility/impact)		Tonic	Recomm	nendati	one Pala	ationshi	n to Ton	ic Goals
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R Recommendation 1	to lack of information or unknown future conditions.  Promote the effective and efficient utilization of existing transportation infrastructure through appropriate maintenance as well as lower cost improvement strategies such as Access Management and Intelligent Transportation Systems (ITS) to minimize the need for roadway widening.	Promote development of Access Management standards for state highways in communities. (Timeframe: 1-10 Years) Assist communities and NHDOT with the development of Access Management MOU agreements. (Timeframe: 1-10 Years) Promote strong Access Management in designs for improvements (publicly and privately financed) along state highways and other corridors. (Timeframe: Immediate and ongoing) Continue scheduled updates to Regional ITS Architecture and Implementation Strategy and participate in updates to Statewide ITS Architecture. (Timeframe: 2-4 years) Promote integration of ITS and other efficiency strategies into the design of transportation projects as appropriate. (Timeframe: 1-10 years)	Various - See individual actions timeframe.	NHDOT, RPC and municipalities	high	State, regional, and local	P P	Goal 2	Goal 3	S S	S S	S S	
R Recommendation 2	Encourage investment in freight infrastructure improvements to promote goods movement and economic development.	Evaluate intermodal connections on the transportation network and assess the need for maintenance and preservation or improvement projects to maintain freight flows. (Timeframe: 1-5 Years, periodically repeat)     Continue to implement ITS improvements from the regional ITS architecture that will facilitate the movement of goods. (Timeframe: 1-10 Years)     Work with NHDOT on the development of the Statewide Freight Plan (Timeframe 1-2 Years)     Consider freight impacts in the decision-making process for evaluating transportation project proposals. (Timeframe: Ongoing)	Various - See individual actions timeframe.	NHDOT and RPC	high/low	State, regional, and local	P	S	S	S	S	S	
R Recommendation 3	Increase the funding available for operation, maintenance and modernization of transportation infrastructure and utilize public/private partnerships to facilitate project implementation where appropriate.	Work with federal, state and regional partners to increase the amount of Federal and Stat funding available in the region to address project needs. In particular work to establish a dedicated state funding stream for public transportation. (Timeframe: Immediate) Work directly with communities to expand the options available for local financing of transportation system maintenance, preservation, and improvement. (Timeframe: Immediate and ongoing) Promote the use of public/private partnerships to spur investment in the transportation system where private development goals facilitate achievement of public priorities. Assist communities with the development of policies and regulations that aid in securing private development funding appropriate for the amount of impact expected on adjacent transportation facilities. Work with NH DOT to identify projects that might benefit from non-traditional contracting mechanisms such as design-build to expedite implementation.	Various - See	US DOT and NHDOT, RPC, municipalities, private seacoast coalition	low/high	federal, state, regional, local	P	P	P	S	Р	Р	
R Recommendation 4	and other NH MPOs to prioritize projects in the Metropolitan	Work with NHDOT to ensure that project selection criteria continue to reflect local and regional priorities. (Timeframe: 1-2 Years) Refine the project development process through early data collection and scoping to better enable the project selection process with more complete information regarding project proposals. (Timeframe: 1-2 Years) Update the list of prioritized projects in the Long Range Transportation Plan to reflect the latest planning assumptions. (Timeframe: 1-2 Years - cyclical) Solicit communities, Transit providers, and NH DOT for transportation needs over the shor and long-term within the region. (Timeframe: 1-2 Years - cyclical) Propose projects to be constructed as part of the State Ten Year Plan process. (Timeframe: 1-2 Years - cyclical) Propose projects to be constructed as part of the Transportation Alternatives and Congestion Mitigation and Air Quality Programs. (Timeframe: 1-2 Years - cyclical)	individual actions	NHDOT and RPC	high/medium	State, regional, and local	S	S	S	Р	S	S	
R Recommendation 5	Employ a context-sensitive, Complete Streets design approach to transportation system planning, operation and maintenance.	Develop and adopt a Complete Streets policy for the Rockingham Planning Commission MPO. (Timeframe: 1-3 years) Provide technical assistance to member communities in the development of local Complete Streets policies. (Timeframe: Ongoing) Work with municipalities and NHDOT to ensure that sidewalks, crosswalks or other pedestrian facilities are not omitted from highway projects due to lack of an entity willing to take responsibility for long term maintenance. (Timeframe: Ongoing) Use local and regional planning processes such as corridor studies, Safe Routes to School travel plans, and local master plan chapters to promote traffic calming strategies to balance traffic movement with pedestrian and neighborhood safety. (Timeframe: Ongoing) Provide technical assistance on implementation of Complete Streets policies, such as design solutions on regional transportation facilities	timeframe.	NHDOT, RPC, and municipalities	high/medium	State, regional, and local	S	S	S	Р	Р	S	

TR Recommendation 6	Consider the interaction of land use and transportation investments in the development of plans and program; including preservation of open space and natural/cultural resources, economic development and environmental justice.		Various - See individual actions timeframe.	NHDOT, RPC, and municipalities	low/high	state, regional, local	S	S	S	S	S	S
TR Recommendation 7	Employ an integrated approach to increase the share of trips made in the region by bicycling, walking, transit and ridesharing.	<ul> <li>Provide technical assistance to communities in bicycle and pedestrian planning, including development and implementation of Safe Routes to School initiatives, and securing federal funding support through multiple programs. (Timeframe: Ongoing)</li> <li>Continue to provide technical assistance to COAST, CART and TASC in developing regional community transportation options. (Timeframe: Ongoing)</li> <li>Continue facilitating regional efforts to better coordinate public transit and human service transportation as a key strategy to expand access to community transportation. (Timeframe: Ongoing)</li> <li>Work with State and regional partners to develop and sustain expanded inter-city rail and bus transportation options. (Timeframe: Ongoing)</li> <li>Collaborate with regional and statewide partners on public education and enforcement initiatives to promote safe travel on the region's transportation system for all users, such as the NH PASS program focused on raising awareness of RSA 265:143a, New Hampshire's "three foot" passing distance law. (Timeframe: 1-3 years and ongoing)</li> <li>Collaborate with regional and statewide partners in development and ongoing implementation of a bicycle and pedestrian counting program to provide a better basis for evaluating bicycle and pedestrian project needs. (Timeframe: 1-3 years)</li> <li>Collaborate with commuteSMARTseacoast and other regional and statewide partners on initiatives to encourage alternative commutes such as Seacoast Bike/Walk to Work Day and Commute Green New Hampshire (Timeframe: Ongoing)</li> </ul>	timeframe.	State agencies, RPC, regional stakeholders, and municipalities	high/medium	State, regional, and local	S	5	S	Р	Р	S
TR Recommendation 8	Undertake planning studies that can identify safety concerns and begin to address them.	Identify and track performance measures related to transportation safety (Timeframe: 1-5 Years, Ongoing)     Undertake corridor-wide safety studies on facilities with high accident rates. (Timeframe: Ongoing)     Assist regional transit agencies in the development and implantation of safety plans as necessary. (Timeframe: As needed)     Work with NHDOT and communities to undertake road safety audits at sites of specific concern in the region. (Timeframe: As needed)	Various - See	NHDOT, transportation agencies, RPC and municipalities	medium/high	State, regional, and local	Р	Р	Р	Р	S	S
TR Recommendation 9	Undertake efforts to reduce the vulnerability of the transportation system to natural hazards, storm surge, and the potential impacts of sea level rise and other climate change related concerns.	Complete the vulnerability analysis that is examining stream crossings on the state highway system and determine where investments can be made to reduce flooding potentia and other damage. (Timeframe: 1-5 Years)  Work with state and regional partners to define the MPO role in security planning for the transportation system. This role should provide tangible benefits without adding a level of bureaucracy to the security planning process. (Timeframe: Ongoing)  Incorporate transportation network planning into the current work with FEMA and local communities to develop hazard mitigation plans. (Timeframe: 5-10 Years)  Analyze the transportation system for capacity and safety deficiencies that impact security and disaster planning concerns. (Timeframe: 5-10 Years)  Incorporate security and disaster planning aspects into the project design and prioritization process. (Timeframe: 1-5 Years)  Prioritize projects designed to increase the resiliency of the transportation system to anticipated impacts of climate change (Timeframe: Ongoing)	Various - See individual actions	NHDOT and RPC	high/medium	State, regional, and local	Р	Р	S	P	S	S

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NHZ Recommendation 1	Incorporate information on future hazards and climate change in municipal planning documents (e.g. Hazard Mitigation Plans, Master Plans, capital improvement plans, and open space and land conservation plans).	Prepare multi-hazard and climate change vulnerability assessments for coastal and Great Bay municipalities. Support municipalities in adopting a Climate Change Chapter in their local hazard mitigation plans. Adopt natural hazards and climate adaptation measures in municipal infrastructure and facilities management plans. Adopt long term goals in local Master Plans to reduce risk and exposure to natural hazards and climate change impacts based on recommendations from vulnerability assessments and local Hazard Mitigation Plans. State and regional partners (such as NH HSEM, Coastal Adaptation Workgroup, NH Coastal Program and RPC) secure funding for regional and local hazard mitigation planning and climate adaptation projects.	0-10 years, then ongoing	RPC, regional stakeholders, and municipalities	high	Regional and local	P	S	S	S	S	S	S	S
NHZ Recommendation 2	Implement strategies to minimize impacts to people, property, and infrastructure.	Work with state agencies, utilities and municipalities to plan for future use of lands in high risk areas served by state and municipal infrastructure, considering adaptive reuse, relocation, and retreat strategies.      Assess risk and level of exposure of key regional and local infrastructure and facilities.      Identify strategies to implement phased and iterative adaptation measures through the life cycle of infrastructure and facilities in high hazard areas.      Plan for future relocation or replacement of infrastructure and facilities in high risk areas.      Create local multi-sector planning committees to identify and integrate key cross-cutting issues and recommendations into municipal policies and programs, regulations and building codes.      Committees may consist of elected officials, department heads and staff, land use boards and commissions and water/sewer utilities.      Adopt standards in local zoning and land development regulations that protect and minimize impacts to public and private investments, and critical resources.	0-25 years	Federal and state agencies, RPC, regional stakeholders, municipalities and nonprofit organizations.	medium/high	Federal, state, regional, and local	S	S	S	Р	Р	S	S	S
NHZ Recommendation 3	Implement strategies to conserve and minimize impacts to ecosystems, natural resources and historical and cultural resources.	Assess risk and level of exposure of critical ecosystems, environmental services, and historical and cultural resources to natural hazards and climate change.  • Collaborate with natural resource and environmental agencies and organizations to prepare resource based plans (natural, historical, cultural) at the (sub)watershed scale that consider existing hazards and future impacts of climate change.  • Collaborate with natural resource and environmental agencies and organizations to conserve and protect environmental services provided by natural landscapes.  • Develop technical assessment tools to guide planning and regulatory decisions that consider both the human and natural environments.	0-25 years	Federal and state agencies, RPC, regional stakeholders, and municipalities	high	Federal, state, regional, and local	S	S	S	Р	Р	S	S	S
NHZ Recommendation 4	Local emergency response and planning officials develop regional and/or local disaster response and recovery plans.	Encourage municipalities to participate in the New Hampshire Public Works Municipal Aid program.     Coordinate federal, state and municipal regulatory and permitting standards following a disaster or extreme event.     Determine what types of structures may be rebuilt and to what standards.     Identify lands where rebuilding is not feasible or able to be supported by infrastructure.     Identify restoration opportunities for natural systems.     Integrate response and recovery plans with local Hazard Mitigation Plans, Master Plans, zoning and land development regulations.	0-25 years	RPC, regional stakeholders, municipalities, and Climate Adaptation Workgroup	high	State, regional, and local	S	S	S	Р	Р	S	S	S
NHZ Recommendation 5	Municipalities proactively communicate and provide resources to residents and businesses about the impacts of natural hazards and how to better prepare for such events.	Provide informational materials and guidance to property owners about the FEMA National Flood Insurance Program, ways to reduce exposure and risk, and manage costs of insurance premiums. Provide information to residents and businesses on ways to improve preparedness before and after hazardous events. Require information about existing and potential future hazards be provided to prospective property buyers. Communicate the level of municipal costs associated with declared disasters and other hazardous events and ways these costs might be minimized or avoided through changes to municipal decisions and regulatory requirements. Coastal Adaptation Workgroup provides technical resources and guidance to municipalities, residents and businesses in the region.	0-25 years	RPC, regional stakeholders, and municipalities	high/medium	State, regional, and local	P	Р	S	Р	TBD	S	Р	S

			Implementation		Level of feasibility or impact							
ecommendation #	Topic Recommendation  S = Recommendation supports Topic Goal P = Recommendation partially supports Topic Goal N/A = Recommendation does not apply to the Topic Goal TBD = Unknown if the recommendation applies to the Topic Goal due to lack of information or unknown future conditions.	Actions	(0=immediate implementation, 25 years = 2040)	Implemented By Who?	(feasibility/impact)  (high, medium, low)	(federal, state,	Topic	Topic	Topic	Topic	Topic	pais
C Recommendation 1	Strengthen state, regional and municipal capacity to understand risks and vulnerability to potential future impacts of climate change.	Facilitate access and application of assessments, reports, data and planning resources about climate change planning and climate adaptation strategies.     Partner with federal and state agencies, regional partners and local organizations to apply for funding and technical support.     Partner with federal and state agencies, regional partners and local organizations to expand resources and improve coordination.     Support implementation of state, regional and local research, assessments and initiatives that fill gaps in climate change data, resources and tools.     State agencies and municipalities commit resources and capacity to plan for climate change.		State agencies, RPC, regional and local stakeholders	high	State, regional, and local (with Climte Adaptation Workgroup)	P	S	S	P	P	
C Recommendation 2	A. Encourage coastal municipalities to incorporate a Coastal Flood and Hazards Chapter in their Master Plan.     B. Encourage all municipalities to incorporate a Climate Adaptation Chapter in their Hazard Mitigation Plan.	Seek new funding sources and align future RPC program funds to support municipal efforts.     Assist municipalities with adopting the draft Climate Change Chapters from RPC's Tides to Storms project in updates to their Hazard Mitigation Plans.	0	RPC, regional and local stakeholders, and municipalities	high	Regional and local	Р	S	S	TBD	S	
C Recommendation 3	Continue membership in the NH Coastal Adaptation Workgroup and other regional and statewide climate adaptation initiatives.	Continue to partner with NH Coastal Adaptation Workgroup and its members to apply for funding and technical support for climate change initiatives.	0	Federal and state agencies, RPC, regional and local stakeholders, municipalities, academic institutions, and non-	high	State, regional, and local	S	S	Р	S	S	
C Recommendation 4	Adopt standards for management of state and municipal infrastructure with safety margins that consider future risk and vulnerability due to climate change.	Incorporate benefit to cost analyses in new construction, replacement rehabilitation and reconstruction projects.     Municipalities utilize FEMA pre- and post-disaster mitigation funds to protect existing infrastructure over its expected life cycle.     Apply science-based projections of future sea level, storm surge, precipitation and temperature changes to state, regional and municipal policies, programs and regulations.	2 -25 years (with ongoing modifications)	State agencies and municipalities.	medium/high	State and local	Р	S	Р	Р	S	
C Recommendation 5	Provide guidance and recommendations to incorporate climate adaptation strategies and actions in municipal and regional policy, planning and regulatory sectors.	Utilize existing funds and seek additional funding sources to support integration of climate change in RPC work program. Incorporate climate adaptation strategies and actions in RPC projects and plans. Work with municipalities to incorporate climate change strategies in hazard mitigations plans, open space and land conservation plans, zoning ordinances and land development regulations. Assist municipalities to implement climate change actions and adaptation strategies including adoption of policy, planning and regulatory measures. Encourage comprehensive land use planning, environmental planning and floodplain management that prevents and minimizes impacts.	0-25 years	Coastal Adaptation Workgroup	high	State and regional (with Climate Adaptation Workgroup)	S	S	S	Р	P	
C Recommendation 6	Integrate protection of natural and constructed systems, social services, and historic and cultural resources into engineering and regulatory frameworks of shoreline management.	Improve shoreline management to address the intensifying challenges posed by climate change, including management of development in high risk areas.  Improve shoreline management by coastal and floodplain erosion, and loss of natural resources that protect against flooding.  Retain and expand dunes, beaches, wetlands, forests and natural vegetation to protect against coastal and riverine flooding.  Discourage hardening of shorelines in favor of protecting existing natural shorelines and restoring them when feasible.  Apply hard and engineered shoreline techniques only to protect essential infrastructure and evaluate the benefit to cost of maintaining these techniques in the future.	0-25 years	Federal and state agencies, and municipalities	medium/high	Federal, state, regional, and local (with Climate Adaptation Workgroup)	S	S	Р	P	P	
C Recommendation 7	Apply results from the Tides to Storms Coastal Vulnerability Assessment to climate adaptation actions at the state, regional and local levels.	Incorporate data, reports and maps from the Tides to Storms Coastal Vulnerability Assessment in state, regional, and municipal climate adaptation efforts. Assist municipalities with incorporating collaborative strategies to address regional resources, assets, and impacts identified in Tides to Storms assessment. Apply project information and findings to ongoing and future climate change projects by RPC and in collaboration with others. Provide access to Tides to Storms information and products through NH GRANIT database and Coastal Viewer (under development).		State agencies, RPC, regional stakeholders, and local municipalities.	medium/high	State, regional, and local	S	S	S	S	5	
C Recommendation 8	Integrate climate mitigation actions across all sectors of planning, transportation, land development and infrastructure projects.	Attain reduction in vehicle miles travelled and overall greenhouse gas emissions in the region.     Protect areas that serve as carbon storage such as forests, wetlands and other natural landscapes.     Facilitate increase in use of low-carbon energy sources and installation and use of renewable energy sources.	0-25 years	State agencies, RPC, regional stakeholders, and local municipalities.	medium/high	Federal, state, regional, and local	Р	Р	S	Р	S	
C Recommendation 9	Implement outreach and engagement measures to raise regional and community-based awareness about climate change.	Work with regional partners to promote and encourage land and resource conservation in high risk areas such as coastal and riverine floodplains and to protect surface and groundwater resources.      State, regional and municipal decision makers work together to protect critical services	0-5 years (initial	State agencies, RPC, regional stakeholders, local municipalities, and	medium	State, regional, and local (with Climate	S	S	S	S	S	

Implementation Plan												
Recommendation #	Topic Recommendation	Actions	Implementation Timeframe	Implemented By Who?	Level of feasibility or impact (feasibility/impact)		Topic Recommendations Relationship to Topic Goals					
	S = Recommendation supports Topic Goal P = Recommendation partially supports Topic Goal N/A = Recommendation does not apply to the Topic Goal TBD = Unknown if the recommendation applies to the Topic Goal due to lack of information or unknown future conditions.		(0=immediate implementation, 25 years = 2040)		(high, medium, low)	(federal, state, regional, local)		Topic Goal 2		Topic Goal 4		
HIST Recommendation 1	heritage.	<ul> <li>Update and maintain historic resources data in the RPC Geographic Information System.</li> <li>Encourage the NH Division of Historic Resources to prioritize digitalization of their historic resources inventory data and make these data available to municipalities, regional planning commissions and other state agencies.</li> <li>Assist communities as resources allow with development of local Master Plan historic resources chapters.</li> </ul>	0-5 years, ongoing	NHDHR, RPC and municipalities	high/medium	State,regional and local	S	Р	Р	Р	P	
HIST Recommendation 2	as local champions for the identification, recognition, protection, and management of historic and cultural resources.	<ul> <li>Assist communities on request with the process of establishing Heritage Commissions and/or Historic District Commissions.</li> <li>Develop Town-Wide Area Forms in those communities that currently lack them, that address historic resources extending into the 20th century.</li> </ul>	0-10 years, ongoing	RPC, local historic societies, and municipalities	medium/medium	Local	S	S	S	S	S	
HIST Recommendation 3	on local history to further public understanding of and appreciation for historic resources.	<ul> <li>Encourage collaboration between schools and heritage education organizations, particularly efforts making use of local historic resources as teaching tools, as part of 4th grade New Hampshire history or other curricula.</li> <li>Utilize local access cable, town websites, mobile applications, markers and other media to convey information on local history and historic resources to residents and visitors</li> </ul>	3-5 years, ongoing	RPC, historic societies, and municipalities	medium/medium	Local	Р	Р	S	Р	Р	
HIST Recommendation 4	Expand local use of innovative land use policies to promote rehabilitation and continued use of historic properties, and ensure new development and redevelopment complement community character.	<ul> <li>Support communities in the implementation of policies such as demolition delay and review ordinances, preservation easements, or form based code.</li> <li>Support inclusion of allowances for traditional agricultural use in land conservation easements.</li> </ul>	3-5 years, ongoing	RPC, regional and local stakeholders, and municipalities	medium/high	Local	S	S	Р	S	Р	
HIST Recommendation 5	as economic development tools, including Scenic Byways and local Main Street programs and other heritage tourism initiatives.	<ul> <li>Continue technical assistance to Scenic Byway initiatives in the region, including the NH Coastal Scenic Byway, American Independence Byway, and Robert Frost/Old Stage Coach Scenic Byway.</li> <li>Assist communities as requested with development of Main Street Programs.</li> </ul>	0-25 years	RPC and municipalities	high/medium	Regional and local	Р	Р	Р	Р	S	
HIST Recommendation 6	inventory, conservation, rehabilitation, and education initiatives.	Be proactive in seeking federal, state and private sector funding to support efforts to protect and promote historic and cultural resources and community character.     Advocate at the state level for maintaining and expanding funding for the NH Land and Community Heritage Investment Program (LCHIP).     Encourage local initiatives to dedicate proceeds from the Land Use Change Tax (LUCT) to conservation and preservation purposes.	0-25 years	RPC, regional and local stakeholders, historical societies, and municipalities	low/high	State and local	Р	Р	S	S	S	
HIST Recommendation 7	communities with historic and cultural resources planning	Educate RPC staff and commissioners on historic and cultural resource issues; designate one staff planner as a historic preservation coordinator.     Participate in biennial regional networking meetings of local Heritage Commissions     Maintain contact with identified historic preservation organizations by membership in order to keep abreast of workshops, conferences and publications.     Maintain close communication with the New Hampshire Division of Historic Resources (DHR) and disseminate materials as developed for and by DHR to communities involved.	0-25 years	RPC	high/medium	Regional	S	S	S	S	S	
HIST Recommendation 8		Encourage and help publicize public program and workshops on issues related to historic preservation directed at both municipalities and private property owners.	3-5 years ongoing	RPC and municipalities	high/medium	Local	S	S	S	<u> </u>	S	