

MassDEP Watershed Planning Workshop Resources List

Element	Resource	Description	Link
Engagement	MassBays Comprehensive Conservation & Management Plan (CCMP)	The CCMP identifies the work needed to engage stakeholders to maintain and improve the ecological integrity of Massachusetts and Cape Cod Bays.	http://www.mass.gov/eea/agencies/mass-bays-program/ccmp/
	MassDEP Interactive Mapping of the Integrated List of Waters	GIS map presenting the reported list of waters pursuant to sections 305(b) and 303(d) of the CWA.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/integrated-list-of-waters.html
	MassDEP Stormwater Outreach Materials to Comply with the MS4 Permit	Outreach materials about stormwater for different audiences.	http://www.mass.gov/eea/agencies/massdep/water/wastewater/stormwater-outreach-materials-for-ms4-permit.html
Prioritization	EPA Recovery Potential Screening: Tools for Comparing Impaired Waters Restorability	Technical tools and methods to help government and private programs compare watersheds and plan their efforts for greater likelihood of restoration and protection success.	https://www.epa.gov/rps
	Strengthening the Resilience of the Taunton River Watershed: A Tool to Prioritize Local Action	This project will help inform how Taunton communities decide on priority actions that would increase their overall resiliency and reduce their vulnerability to the converging impacts of climate change and development.	https://www.epa.gov/sites/production/files/2015-11/documents/hwptauntonriver.pdf
Protection	EPA Healthy Watersheds Initiative	Integrating watershed assessment and protection across EPA programs.	https://www.epa.gov/hwp
	Massachusetts Department of Fish & Game - BioMap2: Conserving the Biodiversity of Massachusetts in a Changing World	BioMap2 approaches the conservation of Massachusetts' biological resources at multiple scales, thus combining hundreds of individual pieces of geospatial data about the state's species, ecosystems, and landscapes.	http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/land-protection-and-management/biomap2/
	Massachusetts Department of Fish & Game: Coldwater Fish Resources List	A list of Coldwater Fish Resources (CFRs) in watersheds across Massachusetts.	http://www.mass.gov/eea/agencies/dfg/dfw/wildlife-habitat-conservation/coldwater-fish-resources-list.html
	MassDEP Antidegradation Implementation Procedures	How the antidegradation provisions of the Massachusetts Surface Water Quality Standards (314 CMR 4.00) are implemented.	http://www.mass.gov/eea/docs/dep/water/laws/a-thru-h/antideg.pdf
	MassDEP Surface Water Quality Standards	Identifying and ensuring minimum standards for surface water quality in Massachusetts, in accordance with the CWA.	http://www.mass.gov/eea/agencies/massdep/water/regulations/314-cmr-4-00-mass-surface-water-quality-standards.html
	Sustainable Water Management Initiative (SWMI) Interactive GIS Map	Display of ecological issues related to water withdrawal on 1400-scale subbasins.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/sustainable-water-management-initiative-swmi.html
Alternatives	EPA Stormwater Management Optimization Tool (Opti-Tool)	A tool designed for improved stormwater management decision-making.	https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=289305
	MassDEP Clean Water Toolkit	A guide to the prevention and control of nonpoint source pollution in Massachusetts.	http://projects.geosyntec.com/NPSManual/
	MassDEP Grants & Financial Assistance: Watersheds & Water Quality	Grant programs authorized under Section 319 (Nonpoint Source) and Section 604b (Water Quality Management Planning) of the CWA.	http://www.mass.gov/eea/agencies/massdep/water/grants/watersheds-water-quality.html
	MassDEP Massachusetts Stormwater Handbook	MassDEP published the Massachusetts Stormwater Handbook as guidance on the Stormwater Policy that established Stormwater Management Standards.	http://www.mass.gov/eea/agencies/massdep/water/regulations/massachusetts-stormwater-handbook.html
	MassDEP Surface Water Discharge Permitting (NPDES)	The NPDES program controls water pollution by regulating point sources that discharge pollutants to surface waters.	http://www.mass.gov/eea/agencies/massdep/water/wastewater/surface-water-discharge-permitting-npdes.html
	MassDEP Watershed-Based Plans	The purpose of a Massachusetts Watershed-Based Plan is to organize information about Massachusetts' watersheds, and present it in a format that will enhance the development and implementation of projects that will restore water quality and beneficial uses in the Commonwealth.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/watershed-based-plans-information.html
	University of New Hampshire Stormwater Center	The center tests several Best Management Practices. Visit this site for fact sheets and information about porous asphalt, gravel wetlands, swirl concentrators, and other relevant information.	https://www.unh.edu/unhsc/

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Assessment	Conservation Assessment and Prioritization System (CAPS)	CAPS is a computer model developed at UMass-Amherst that assesses ecological integrity. Both MassDEP and the Massachusetts Office of Coastal Zone Management (CZM) use the CAPS model to develop a comprehensive state monitoring and assessment program for wetlands.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/ecological-integrity-and-massdep-important-habitat.html
	EPA Water Quality Exchange (WQX)	WQX is a framework that allows states, tribes and other data partners to submit and share water quality monitoring data via the web to the STORET Data Warehouse.	https://www.epa.gov/waterdata/storage-and-retrieval-and-water-quality-exchange
	MassDEP Comprehensive Assessment and Listing Methodology	Methodologies for assessing designated use in Massachusetts in accordance with the CWA and the Massachusetts Surface Water Quality Standards.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/water-quality-assessments.html
	MassDEP Environmental Monitoring: Quality Management Program	A five-year programmatic Quality Assurance Program Plan (QAPP) document on aspects of the MassDEP surface water monitoring program, from goal-setting to results.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/environmental-monitoring-quality-management-program.html
	MassDEP Integrated List of Waters	Listing of waterbodies in Massachusetts that will require the development of a Total Maximum Daily Load to establish pollution controls and corrective measures.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/total-maximum-daily-loads-tmdls.html#2
	MassDEP Volunteer Monitoring Resources (QAPP Templates)	Baseline requirements for various levels of data collection in water quality monitoring projects and how to submit data to MassDEP.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/environmental-monitoring-for-volunteers.html
	Water Quality Portal	The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).	http://www.waterqualitydata.us
Integration	Massachusetts Association of Conservation Districts	Conservation and Management of Soil, Water and Related Resources.	http://www.mass.gov/eea/agencies/massdep/water/watersheds/conservation-districts.html
	Massachusetts Environmental Policy Act (MEPA) Office	The MEPA Office conducts reviews of the environmental impacts of development projects and other activities that require one or more State Agency Actions and that exceed MEPA review thresholds, as specified in the MEPA regulations.	http://www.mass.gov/eea/agencies/mepa/welcome-to-the-mepa-website-generic.html
	Massachusetts Water Policy	The Policy recommends an effective partnership with local and regional stakeholders, protection of critical water resources, and streamlining specific regulatory and permitting processes.	http://www.mass.gov/eea/waste-mgmt-recycling/water-resources/preserving-water-resources/massachusetts-water-policy-2004.html
	MassDEP Massachusetts Nutrient Management Map	A map with details of how Massachusetts regulations, monitoring, permits, and grants combine to manage the impacts of excessive nutrients in water resources.	http://www.mass.gov/eea/docs/dep/water/resources/n-thru-y/nmrmap.pdf
	Nonpoint Source Management Plan	The Massachusetts Nonpoint Source Management Plan is an integrated strategy for preventing, controlling, and reducing pollution from nonpoint sources to protect and improve the quality of the Commonwealth's waters.	http://www.mass.gov/eea/docs/dep/water/resources/n-thru-y/npsmp.pdf
	Water Resource Management and Planning: A Guide for Communities	This guidance from Massachusetts provides information on planning to address the full spectrum of issues that arise in water resource management including drinking water and stormwater issues.	http://www.mass.gov/eea/docs/dep/water/laws/i-thru-z/iwrmp.doc