

Comparison of Envirodata Layers and SIMS Viewer Layers				
Category	Layer Name	In Envirodata	In Sims	Comments
Imagery and Topography	Orthophoto 2004 BW	X	X	High resolution
	Orthophoto 1990 BW	X	X	Not high resolution
	Orthophoto 2008 Urban Area	X	X	High resolution
	Orthophoto 2008 NAIP Color	X	X	NAIP = National Agriculture Imagery Program, not high resolution
	Orthophoto 2008 NAIP Infrared	X	X	NAIP = National Agriculture Imagery Program, not high resolution
	Orthophoto 2006 NAIP Color	X	X	NAIP = National Agriculture Imagery Program, not high resolution
	Orthophoto 2004 Coast Color	X	X	High resolution
	Orthophoto 2004 Coast Infrared	X	X	High resolution
	Orthophoto 2005 Coast Infrared	X	X	High resolution
	USGS Topo Quadrangle Maps	X	X	
	Hillshade	X		
	Hillshade for over imagery	X		
	Nautical Charts	X		
	Ground Elevation	X		gray shaded, not contour lines
Photo Index	2003 Coastal Oblique Photos	X	X	Points that link to photos of coastal areas
	1980 Coast Infrared Photos	X	X	Areas that link to infrared coastal photos
Elevation and Bathymetry	20 Meter Contours (Hypsography)	X		contour lines are 20 meters apart
	LiDAR 2000 Contours	X		2 foot contour lines
	Lake Bathymetry	X		lake depths for selected lakes
	Long Island Sound Bathymetry	X		LIS depths
Administrative Boundary Index (Navigation Index in SIMS)	Quad Index	X	X	
	Planning Region Index	X	X	
	US Congress District Index	X	X	
	CT Senate District Index	X	X	
	CT House District Index	X	X	
	Town Index	X	X	
	County Index	X	X	
Administrative Boundary	County Names / Boundaries	X	X	
	Town Names / Boundaries	X	X	

Category	Layer Name	In Envirodata	In Sims	Comments
	MA, NY, MA, RI Town Names / Boundaries	X	X	
	MA, NY, MA, RI State Names / Boundaries	X	X	
Transportation	Road	X	X	
	Street Name	X	X	
	Airport	X	X	
	Railroad	X	X	
Geographic Names	Geographic Names	X	X	
	Geographic Place Names w/Symbols	X		Includes schools and hospitals
	Geographic Place Names	X		Includes schools and hospitals
Waterbody	Named Waterbody	X	X	Includes all named waterbodies from the USGS Topographic Maps
	All Waterbody	X	X	Includes all waterbody features EXCEPT marsh areas, tidal flats, rocks, shoals, or channels
	Hydrography	X	X	Includes the features in "All Waterbody" PLUS marsh areas, tidal flats, rocks, shoals, and channels
Watersheds (Basins)	HUC Watershed Boundaries	X	X	
	Major Basins	X	X	
	Regional Basins	X	X	
	Subregional Basins	X	X	
	Local Basins	X	X	
	Local Basin Direction	X		Displays flow direction of local basins
	All Basins	X	X	
Water Resource Management	Aquifer Protection Area	X	X	
	Aquifer Protection Well	X	X	
	Assessed Waterbody 305b 2006	X	X	Includes lakes, rivers and estuaries
	Assessed Waterbody 305b 2008	X	X	Includes lakes, rivers and estuaries
	Public Supply Well	X	X	
	Public Supply Source Area	X	X	
	Public Supply Reservoir	X	X	
	Public Supply Service Area	X	X	
	Public Supply Watershed	X	X	

Category	Layer Name	In Envirodata	In Sims	Comments
	Stream Channel Encroachment	X	X	
	FEMA Flood Zones (Q3 Flood Data)	X	X	
	Dams	X	X	In SIMS, this is in the "Other Sites" category
Water Quality	Ground Water Quality Class	X	X	In Envirodata, this is its own category: "Water Quality - Ground"
	Surface Water Quality Class	X	X	In Envirodata, this is its own category: "Water Quality - Surface"
Resource Management	Fisheries Stream Survey Sites	X	X	In SIMS, this is in the "Other Sites" category
	Fisheries Management Areas	X		
	Natural Diversity Database Areas	X	X	
	Critical Habitats	X		
Soils	Soils	X	X	In "Resource Management" category in SIMS
	Farmland Soils	X	X	In "Resource Management" category in SIMS
	Hydric Soils	X	X	In "Resource Management" category in SIMS
	Inland Wetland Soils	X	X	In "Resource Management" category in SIMS
	Soil Parent Material	X	X	In "Resource Management" category in SIMS
	Potential for Subsurface Sewage Disposal	X	X	In "Resource Management" category in SIMS
	Soil Drainage Class	X	X	In "Resource Management" category in SIMS
	Soil Flooding Class	X	X	In "Resource Management" category in SIMS
	Storm Water Runoff Mgmt Dry Detention Basins	X	X	In "Resource Management" category in SIMS
	Storm Water Runoff Mgmt Infiltration Systems	X	X	In "Resource Management" category in SIMS
	Storm Water Runoff Mgmt Pervious Paving	X	X	In "Resource Management" category in SIMS
	Storm Water Runoff Mgmt Wet Extended Detention Basins	X	X	In "Resource Management" category in SIMS
SIMS Sites	SIMS Sites		X	
	SIMS Site Features		X	
Property	Parcels	X		
	DEP Property	X	X	
	DEP Property Review	X	X	

Category	Layer Name	In Envirodata	In Sims	Comments
	Municipal and Private Open Space 1997	X	X	
	Protected Open Space	X	X	
Outdoor Recreation	DEP Boat Launch Sites	X		
	Trails	X		
	Coastal Access Sites	X	X	In "Coastal Resources" category in SIMS
Utilities	Sewer Service Areas	X	X	
	Long Island Sound Cables Pipelines	X	X	In "Coastal Resources" category in SIMS
Geology	Bedrock Geology	X	X	In its own category "Bedrock Geology" in SIMS
	Bedrock Geology Contacts	X	X	In its own category "Bedrock Geology" in SIMS
	Bedrock Terrane	X		
	Quaternary Geology	X	X	In the "Bedrock Geology" category in SIMS
	Surficial Materials	X	X	In the "Resource Management" category in SIMS
	Surficial Aquifer Texture	X		
	Surficial Stratified Drift	X		
	Surficial Aquifer Potential	X		
	Glacial Sediment Thickness	X		
	Erosion Susceptibility	X		
Coastal Resource Management	Managed Shellfish Beds	X		
	Shellfish Area Classification	X	X	In the "Coastal Resources" category in SIMS
	Coastal Boundary	X	X	In the "Coastal Resources" category in SIMS
	Coastal Area	X	X	In the "Coastal Resources" category in SIMS
	Salt Water Limit	X	X	In the "Coastal Resources" category in SIMS
	Dredged Disposal Area	X	X	In the "Coastal Resources" category in SIMS
	Channels, Basins, Anchorages	X	X	In the "Coastal Resources" category in SIMS
	Environmental Sensitivity Index	X		
	Hurricane Inundation	X		
	Hurricane Evacuation Zones	X		
	Hurricane Surge Inundation	X		
Coastal Resource	Migratory Waterfowl	X	X	
	Eelgrass Historic	X	X	
	Eelgrass Observed 1993-1995	X	X	

Category	Layer Name	In Envirodata	In Sims	Comments
	Eelgrass Potential 1993-1995	X	X	
	Eelgrass Beds 2002	X		
	Eelgrass Beds 2006	X		
	Phragmites 1968	X	X	
	Phragmites 1994	X	X	
	Tidal Wetlands 1970's	X	X	
	Tidal Wetlands 1990's	X	X	
	Shellfish	X	X	
	Plan of Conservation and Development	X		This is a dataset from the Office of Policy and Management that was created for the 2005-2010 Plan of Conservation and Development. This data may not be accurate. It is not DEP's dataset; it was meant to be used for planning purposes only.