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| Agency information | Name | Chris Cortina |
| | Title | |
| | Agency | Chesapeake and Coastal Program, Maryland Dept of Natural Resources |
| | Address | Tawes Sate Office Building, E-2 580 Taylor Ave Annapolis, MD 21401 |
| | Phone numbers | 410-260-8774 |
| | Agency web site | http://www.dnr.state.md.us/ccp |
| | Role of agency in relation to marine boundaries, rights, interests, restrictions and responsibilities | |
| | Designated coastal program for MD | |
| | Does your state maintain a central repository of marine data or marine cadastral data? | |
| | Maryland Coastal Atlas is now online, with separate map sets for Ocean, Estuaries, and Shoreline data. Marine data may also be found at Maryland DNR GeoSpatial Data Center - http://dnrweb.dnr.state.md.us/gis/data/ Maryland Geological Survey, Digital Map Catalog - http://www.mgs.md.gov/ Maryland Mapping Resource Guide - http://www.marylandgis.net/index.jsp Maryland State Geographic Information Committee - links to state data sources at http://www.msgic.state.md.us/data.asp | |
| | Web address of statewide marine data or marine cadastral data repository | |
| | Coastal Atlas - http://www.dnr.state.md.us/ccp/coastalatlus/ Others as listed above | |

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| Agency information | Name | Kenny Miller |
| | Title | Geographic Information Officer |
| | Agency | Dept of Information Technology |
| | Address | 45 Calvert Street Annapolis, MD 21401 |
| | Phone numbers | 410.260.4044 office; 410.349.6625 cell; ken.miller@doit.state.md.us |
| | Agency web site | http://doit.maryland.gov/pages/default.aspx |
| | Role of agency in relation to marine boundaries, rights, interests, restrictions and responsibilities | |
| | While now Geographic Information Officer for the State of Maryland, Kenny Miller was involved in the development of spatial data with MDNR and it scoastla program for 25 years. | |
| | Does your state maintain a central repository of marine data or marine cadastral data? | |
| | see above | |
| | Web address of statewide marine data or marine cadastral data repository | |
| see above | | |

| | Marine Entity | Relevant in your state (Y/N) | In digital spatial form (Y/N) | In central repository (Y/N) | Authoritative Source responsible for creating and maintaining data | Known problems or limitations. Notes. |
|--|--|------------------------------|-------------------------------|-----------------------------|--|---|
| Marine Cadastral Reference and Supporting Data | A cadastral reference entity is relevant in your state if it exists and/or is used for boundary description and delineation. A cadastral reference network specifies corners of common control. A cadastral reference grid is a cadastral reference network arranged in grid form. | | | | | |
| | Cadastral reference network | N | | | | |
| | Cadastral reference grid | N | | | | |
| | Shoreline | Y | Y | MGS, MDNR | Maryland Geologic Survey | High-resolution Shoreline Map Data for Tidewater Maryland. Based on 1988-1995 imagery. Separate files for each county and Baltimore City. Metadata: "EDI assigned attributes to the vectors based on shoreline type: beach, vegetated, structure, or water's edge." "The aerial photography from which the DOQQs were developed was not tide-coordinated. Therefore, shorelines in this data set do not represent a consistent vertical datum." |
| | Shoreline – high water | Y | N | | | No definitive high water shoreline |
| | Shoreline – low water | Y | N | | | No definitive low water shoreline |
| | Salient shoreline points (Baseline points) | | | | | [Used by MMS to project the SLA boundary] |
| | Coastal geodetic control points | | | | | |
| | Coastal orthoimagery | Y | Y | MDNR | National Agricultural Imagery Program? | NAIP 2009 Natural Color 1 meter. Also available: CIR 1988-1995; B&W 1998-2000. |
| | Bathymetry | Y | Y | Coastal Atlas: Estuaries | | |
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| Marine Jurisdictional Boundaries - Lateral and Seaward | County boundaries | Y | Y | MGS, Coastal Atlas: Shorelines | MD Highway Administration | High-resolution. 1:24000. Metadata: "Digitized from the USGS 7.5' quadrangle maps and ... enhanced through property records research." "Does not contain the new boundary near Takoma Park between Prince George's and Montgomery counties." Note that in this representation, Worcester Co. boundaries do not extend to 3 n.m off shore. KM thought its boundaries would extend, but was not sure. |
| | Municipal boundaries | Y | Y | MDNR Coastal Atlas: Blue Infrastructure | MD Dept of Planning | In Coastal Atlas, municipal boundaries do not appear well-reconciled to coastline. As drawn, some extend irregularly into water. Same or different version in MD Residential Growth Map, with metadata: Maryland Municipalities (from MDP) KM believes municipal boundaries generally do not extend into Bay or Ocean waters. |
| | Tribal boundaries | N | | | | No federally recognized tribes in MD. |
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| Submerged Lands / Tidal Wetlands | All submerged lands | Y | | | | |
| | Intertidal lands (MHW - MLW) | Y | | | | |
| | Subtidal lands (MLW to 3 n.m.) | Y | | | | |
| | Tidal wetlands | Y | | | | Wetlands Inventories follow NWI classification scheme, not state definition of "tidal wetlands"? |
| | | | | | | |
| | Other tideland classes* | | | | | |
| | * Some states have submerged lands or tidelands classes, for example, class 1 and class 2, filled vs. flowed, or intertidal vs. subtidal. | | | | | |
| Ownership of Tidal Wetlands in Chesapeake and Coastal Waters | Federally owned (within 3 n.m.) | | | | | |
| | State owned | Y | | | | |
| | Local government owned | | | | | |
| | Tribe owned | N | | | | |
| | Privately owned | Y | | | | The term "private tidal wetlands" is defined in the Tidal Wetlands Act. |
| | Deed restrictions, easements | | | | | |
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| Tidal Wetland Leases and Other Place-based Use Authorizations | Leases and other place-based use authorizations convey some exclusive right at a specified location or within a specified area. The activities listed below, as examples, are relevant in your state if they exist and require leases or other place-based use authorizations. Please customize this list for your state. | | | | | |
| | Oil or gas lease | N | | | | |
| | Alternative energy | N | | | | No facilities yet. Would they require a bottom lease or place-based use authorization? |
| | Sand or gravel | | | | | Does extraction of sand or gravel require a lease or other place-based authorization? |
| | Aquaculture | Y | | | | Bottom leasing for shellfish cultivation |
| | Off-shore ports | Y | | | | |
| | Cables and pipelines | Y | | | Dept of Environment | |
| | Dredging, filling and dredge disposal | Y | | | Dept of Environment | |
| | Sea grass restoration | | | | | |
| | Shellfish restoration | | | | | |
| | Docks and piers | Y | | | Dept of Environment | |
| | Marinas | Y | | | Dept of Environment | |
| | Shoreline stabilization structures | Y | | | Dept of Environment | |
| | Other shoreline structures (please specify) | | | | | |
| | Non-water-dependent uses | | | | | |

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| Marine Managed Areas (for study, planning, protection, safety, regulation, and other purposes) | List MMAs appropriate for your state. Marine managed areas are diverse and may include regulated areas, navigation channels, fisheries management zones, marine sanctuaries, research reserves, national or state parks, wildlife refuges, lease blocks, disposal sites, no discharge areas, military restriction zones, speed or safety zones, native fishing rights, aquatic preserves, shellfish closure or growing areas, designated harbors and anchorage areas, pipeline and cable corridors, designated shipping lanes, and marine planning areas. | | | | | |
| | Coastal Zone | Y | Y | MDNR | MDNR | displayed at http://dnr.maryland.gov/ccp/where_we_wo |
| | Chesapeake and Coastal Bays Critical Area | Y | Y | MDNR | MDNR | Project underway to re-map these at high accuracy and high resolution. This digital mapping will constitute the legal boundaries. |
| | Natural Oyster Bars | Y | N | N | Natural Resources Police | Decision not to publish or distribute. Official document is mylar. |
| | Historical Oyster Bars | ? | Y | Coastal Atlas: Estuaries | MDNR | KM believes this may be resource data, not a legal entity. |
| | Oyster Planting Areas | Y | Y | Coastal Atlas: Estuaries | MDNR | |
| | Oyster Sanctuaries | Y | Y | Coastal Atlas: Estuaries | MDNR | |
| | Submerged Aquatic Vegetation | Y | Y | Coastal Atlas: Estuaries | | 2006. Restrictions on clam dredging and boat wake apply in these areas. |
| | Temporary exclusion area | Y | | | US Coast Guard | Around LNG terminal while delivery ship is underway or docked. |
| | Exclusion zones | Y | | N | | Bombing range at Patuxent Naval Air Station. Around nuclear plant in Calvert County. May be critical infrastructure under HCIP and so confidential. |
| | Shipping Lanes | Y | | | NOAA charts | |
| | No wake zones | Y | N | N | | Over seagrass beds; usually marked by buoys rather than mapped |
| | Speed zones | Y | N | N | | In harbors; usually marked by buoys rather than mapped |
| | Swimming zones | Y | N | N | | nNo motorized boat traffic within a couple hundred yards; usually marked by buoys rather than mapped |
| Artificial Reefs | Y | | | | fFsh habitat | |

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| Marine Managed Areas (for study, planning, protection, safety, regulation, and other purposes) | Archeological sites | Y | | N | MD Historical Trust | Submerged sites are kept unpublished. |
| | Historical Trust Archeological Grid | Y | | | MD Historical Trust | Approximately 900 m grid squares for locating archeological sites |
| | Shellfish harvest waters | Y | | | MDNR | All tidal waters |
| | Shellfish closures | Y | | | | Health concerns; areas may be named rather than mapped |
| | Beach closures | Y | | | | Health concerns; areas may be named rather than mapped |
| | No discharge zones | Y | | | | |
| | ESI seasonal zones | Y | | | | May not be able to do certain activities (e.g., construction) in certain areas at certain times of year in order to protect seasonal wildlife. |
| | Dam operator instructions | Y | | | | May be few that are tidal, but these restrict certain maintenance activities seasonally to protect wildlife. |
| | National Estuary Research Reserves | Y | | | | 3 in MD |