

## WRR Listing of Map Service



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Map Layer Name	Server Name
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### Folder Name: WRR Suitability Analyses

<b>Riparian Preservation Model Output</b>	MES
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*[https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR\\_RP/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR_RP/MapServer)*

<b>Riparian Restoration Model Output</b>	MES
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*[https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR\\_RR/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR_RR/MapServer)*

<b>Stormwater Compromised Infrastructure Restoration Model Output</b>	MES
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*[https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR\\_HR/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR_HR/MapServer)*

<b>Stormwater Natural Infrastructure Preservation Model Output</b>	MES
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*[https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR\\_HP/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR_HP/MapServer)*

<b>Upland Preservation Model Output</b>	MES
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*[https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR\\_UP/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR_UP/MapServer)*

<b>Upland Restoration Model Output</b>	MES
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*[https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR\\_UR/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR_UR/MapServer)*

<b>Wetland Preservation Model Output</b>	MES
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*[https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR\\_WP/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR_WP/MapServer)*

<b>Wetland Restoration Model Output</b>	MES
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*[https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR\\_WR/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MarylandWRR_WR/MapServer)*

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Map Layer Name	Server Name
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### Folder Name: Site Visits

<b>Site Description</b>	ArcGIS
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[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/survey123\\_f428e20cada347319bfc88cd00a82a98/FeatureServer/0](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/survey123_f428e20cada347319bfc88cd00a82a98/FeatureServer/0)

### Folder Name: Permits

<b>MDE Wetland and Waterways Permits</b>	MDE
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[https://mdewin64.mde.state.md.us/arcgis/rest/services/MDE\\_eCollab/ScreeningPts/MapServer](https://mdewin64.mde.state.md.us/arcgis/rest/services/MDE_eCollab/ScreeningPts/MapServer)

<b>Nontidal Wetland Mitigation Sites</b>	MES
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<https://services.mesgis.com/arcgis/rest/services/WRR/NontidalWetlandMitigation/MapServer>

### Folder Name: USACE Permit Status

<b>ORM - Updated 9/22/20</b>	MES
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<https://services.mesgis.com/arcgis/rest/services/WRR/ORM/MapServer>

<b>RIBITS - Updated 9/22/20</b>	MES
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[https://services.mesgis.com/arcgis/rest/services/WRR/RIBITS\\_Nation/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/RIBITS_Nation/MapServer)

### Folder Name: Parcels

<b>Parcel Boundaries</b>	IMAP
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[https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD\\_ParcelBoundaries/MapServer](https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD_ParcelBoundaries/MapServer)

### Folder Name: Boundaries

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Map Layer Name	Server Name
<b>County Boundaries</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Boundaries/MD_PoliticalBoundaries/FeatureServer/1">https://geodata.md.gov/imap/rest/services/Boundaries/MD_PoliticalBoundaries/FeatureServer/1</a>	
<b>State Boundaries</b>	N/A
<a href="https://services.arcgis.com/P3ePLMYs2RVChkJx/arcgis/rest/services/USA_States_Generalized/FeatureServer/0">https://services.arcgis.com/P3ePLMYs2RVChkJx/arcgis/rest/services/USA_States_Generalized/FeatureServer/0</a>	

### Folder Name: Land Planning

<b>Priority Funding Areas</b>	MDP
<a href="https://mdpgis.mdp.state.md.us/arcgis/rest/services/PlanningCadastre/Priority_Funding_Areas/MapServer/0">https://mdpgis.mdp.state.md.us/arcgis/rest/services/PlanningCadastre/Priority_Funding_Areas/MapServer/0</a>	
<b>Protected Lands</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Environment/MD_ProtectedLands/MapServer">https://geodata.md.gov/imap/rest/services/Environment/MD_ProtectedLands/MapServer</a>	

### Folder Name: Land Use/Land Cover

<b>Chesapeake Conservancy Landcover</b>	Chesapeake Conservancy
<a href="https://cicgis.org/arcgis/rest/services/NPS_Land_Cover/ChesapeakeBayWatershedLandCover/ImageServer">https://cicgis.org/arcgis/rest/services/NPS_Land_Cover/ChesapeakeBayWatershedLandCover/ImageServer</a>	
<b>Generalized Sewer</b>	MDP
<a href="https://mdpgis.mdp.state.md.us/arcgis/rest/services/UtilitiesCommunication/Generalized_Sewer/MapServer">https://mdpgis.mdp.state.md.us/arcgis/rest/services/UtilitiesCommunication/Generalized_Sewer/MapServer</a>	
<b>Generalized Zoning</b>	MDP
<a href="https://mdpgis.mdp.state.md.us/arcgis/rest/services/PlanningCadastre/Generalized_Zoning/MapServer">https://mdpgis.mdp.state.md.us/arcgis/rest/services/PlanningCadastre/Generalized_Zoning/MapServer</a>	

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Map Layer Name	Server Name
<b>MD Archived Land Use Land Cover</b>	MD Geodata Archive
<a href="https://archive.geodata.md.gov/imap/rest/services/PlanningCadastrre/MD_ArchivedLandUseLandCover/MapServer">https://archive.geodata.md.gov/imap/rest/services/PlanningCadastrre/MD_ArchivedLandUseLandCover/MapServer</a>	
<b>MD Land Use Land Cover</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/PlanningCadastrre/MD_LandUseLandCover/MapServer">https://geodata.md.gov/imap/rest/services/PlanningCadastrre/MD_LandUseLandCover/MapServer</a>	
<b>Folder Name: Priority Conservation Areas</b>	
<b>Biodiversity Conservation Network</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Biota/MD_BiodiversityConservationNetwork/FeatureServer/0">https://geodata.md.gov/imap/rest/services/Biota/MD_BiodiversityConservationNetwork/FeatureServer/0</a>	
<b>Green Infrastructure</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Biota/MD_GreenInfrastructure/MapServer">https://geodata.md.gov/imap/rest/services/Biota/MD_GreenInfrastructure/MapServer</a>	
<b>MD Blue Infrastructure Ranks</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_BlueInfrastructure/FeatureServer/0">https://geodata.md.gov/imap/rest/services/Hydrology/MD_BlueInfrastructure/FeatureServer/0</a>	
<b>Sensitive Species Project Review Areas</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Biota/MD_LivingResources/FeatureServer/6">https://geodata.md.gov/imap/rest/services/Biota/MD_LivingResources/FeatureServer/6</a>	
<b>Stronghold Watersheds</b>	MES
<a href="https://services.mesgis.com/arcgis/rest/services/WRR/Stronghold_Watersheds/MapServer">https://services.mesgis.com/arcgis/rest/services/WRR/Stronghold_Watersheds/MapServer</a>	
<b>Targeted Ecological Areas</b>	IMAP

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[https://geodata.md.gov/imap/rest/services/Environment/MD\\_FocalAreas/FeatureServer/1](https://geodata.md.gov/imap/rest/services/Environment/MD_FocalAreas/FeatureServer/1)

### Folder Name: Maryland Stream Mitigation Framework Layers: Site Sensitivity Analysis for Stream Mitigation

<b>Impact Site Sensitivity Score (0-3)</b>	MES
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[https://services.mesgis.com/arcgis/rest/services/WRR/MD\\_ImpactSiteSensitivity/MapServer](https://services.mesgis.com/arcgis/rest/services/WRR/MD_ImpactSiteSensitivity/MapServer)

<b>Within 1 mile of (but not in) protected areas</b>	MES
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[https://services.mesgis.com/arcgis/rest/services/WRR/MD\\_SiteSensitivity/MapServer/3](https://services.mesgis.com/arcgis/rest/services/WRR/MD_SiteSensitivity/MapServer/3)

<b>Within 1 mile of protected areas</b>	MES
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[https://services.mesgis.com/arcgis/rest/services/WRR/MD\\_SiteSensitivity/MapServer/2](https://services.mesgis.com/arcgis/rest/services/WRR/MD_SiteSensitivity/MapServer/2)

### Folder Name: Fish Passage Connectivity

<b>Brook Trout Prioritization</b>	The Nature Conservancy
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[https://cirrus.tnc.org/arcgis/rest/services/FN\\_Cheseapeake/ChesFPP/MapServer/2](https://cirrus.tnc.org/arcgis/rest/services/FN_Cheseapeake/ChesFPP/MapServer/2)

<b>Diadromous Fish Prioritization</b>	The Nature Conservancy
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[https://cirrus.tnc.org/arcgis/rest/services/FN\\_Cheseapeake/ChesFPP/MapServer/0](https://cirrus.tnc.org/arcgis/rest/services/FN_Cheseapeake/ChesFPP/MapServer/0)

<b>Resident Fish Prioritization</b>	The Nature Conservancy
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[https://cirrus.tnc.org/arcgis/rest/services/FN\\_Cheseapeake/ChesFPP/MapServer/1](https://cirrus.tnc.org/arcgis/rest/services/FN_Cheseapeake/ChesFPP/MapServer/1)

<b>Road-Stream Crossings</b>	The Nature Conservancy
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Map Layer Name	Server Name
	<a href="https://cirrus.tnc.org/arcgis/rest/services/FN_Chapeake/ChesFPP/MapServer/3">https://cirrus.tnc.org/arcgis/rest/services/FN_Chapeake/ChesFPP/MapServer/3</a>
<b>Folder Name: Water Quality</b>	
<b>303d Streams</b>	EPA Office of Water
	<a href="https://watersgeo.epa.gov/arcgis/rest/services/OWRAD_NP21/303D_NP21/MapServer">https://watersgeo.epa.gov/arcgis/rest/services/OWRAD_NP21/303D_NP21/MapServer</a>
<b>319 Watersheds</b>	EPA Region 3
	<a href="https://services.arcgis.com/cJ9YHowT8TU7DUyn/arcgis/rest/services/NPS_Watershed_Plans/FeatureServer/0">https://services.arcgis.com/cJ9YHowT8TU7DUyn/arcgis/rest/services/NPS_Watershed_Plans/FeatureServer/0</a>
<b>Drinking Water Layers</b>	EPA Office of Water
	<a href="https://watersgeo.epa.gov/arcgis/rest/services/OWPROGRAM/SDWIS_WMERC/MapServer">https://watersgeo.epa.gov/arcgis/rest/services/OWPROGRAM/SDWIS_WMERC/MapServer</a>
<b>MD Tier II Catchments</b>	IMAP
	<a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_WaterQuality/MapServer/3">https://geodata.md.gov/imap/rest/services/Hydrology/MD_WaterQuality/MapServer/3</a>
<b>MD Use Classes</b>	MDE
	<a href="https://mdewin64.mde.state.md.us/arcgis/rest/services/MDE_Water_Quality/MD_UseClasses_2019/MapServer">https://mdewin64.mde.state.md.us/arcgis/rest/services/MDE_Water_Quality/MD_UseClasses_2019/MapServer</a>
<b>MS4 Phase 1</b>	EPA Region 3
	<a href="https://services.arcgis.com/cJ9YHowT8TU7DUyn/arcgis/rest/services/MS4_Phase_I_Boundaries/FeatureServer/0">https://services.arcgis.com/cJ9YHowT8TU7DUyn/arcgis/rest/services/MS4_Phase_I_Boundaries/FeatureServer/0</a>
<b>MS4 Phase 2</b>	EPA Region 3
	<a href="https://services.arcgis.com/cJ9YHowT8TU7DUyn/arcgis/rest/services/MS4_Phase_II_Boundaries/FeatureServer/0">https://services.arcgis.com/cJ9YHowT8TU7DUyn/arcgis/rest/services/MS4_Phase_II_Boundaries/FeatureServer/0</a>

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Map Layer Name	Server Name
<b>Stream Designated Use</b>	MDE
<a href="https://mdewin64.mde.state.md.us/arcgis/rest/services/MDE_Water_Quality/MD_UseClasses_2019/MapServer/0">https://mdewin64.mde.state.md.us/arcgis/rest/services/MDE_Water_Quality/MD_UseClasses_2019/MapServer/0</a>	
<b>Folder Name: Stormwater</b>	
<b>NPDES Outfalls</b>	EPA Office of Water
<a href="https://watersgeo.epa.gov/arcgis/rest/services/OWRAD_NP21/NPDES_NP21/MapServer">https://watersgeo.epa.gov/arcgis/rest/services/OWRAD_NP21/NPDES_NP21/MapServer</a>	
<b>Stormwater Print 2016</b>	MDE
<a href="https://mdewin64.mde.state.md.us/arcgis/rest/services/StormwaterPrint/SWP_2016/MapServer">https://mdewin64.mde.state.md.us/arcgis/rest/services/StormwaterPrint/SWP_2016/MapServer</a>	
<b>Stormwater Print 2016 Generalized Counties</b>	MDE
<a href="https://mdewin64.mde.state.md.us/arcgis/rest/services/StormwaterPrint/SWP_2016_Generalized_Counties/MapServer">https://mdewin64.mde.state.md.us/arcgis/rest/services/StormwaterPrint/SWP_2016_Generalized_Counties/MapServer</a>	
<b>Folder Name: Coastal Resiliency</b>	
<b>Sea Level Affecting Marshes Model (SLAMM)</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Weather/MD_SeaLevelAffectingMarshesModel/MapServer/1">https://geodata.md.gov/imap/rest/services/Weather/MD_SeaLevelAffectingMarshesModel/MapServer/1</a>	
<b>Sea Level Rise Vulnerability</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Weather/MD_SeaLevelRiseVulnerability/MapServer">https://geodata.md.gov/imap/rest/services/Weather/MD_SeaLevelRiseVulnerability/MapServer</a>	
<b>Shoreline Protection Areas</b>	IMAP

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Map Layer Name	Server Name
<a href="https://geodata.md.gov/imap/rest/services/Environment/MD_CoastalResiliencyAssessment/FeatureServer/2">https://geodata.md.gov/imap/rest/services/Environment/MD_CoastalResiliencyAssessment/FeatureServer/2</a>	

### Folder Name: Water

**Historic Shoreline Changes** IMAP

[https://geodata.md.gov/imap/rest/services/Hydrology/MD\\_ShorelineChanges/MapServer](https://geodata.md.gov/imap/rest/services/Hydrology/MD_ShorelineChanges/MapServer)

**MD Lakes (Detailed)** IMAP

[https://geodata.md.gov/imap/rest/services/Hydrology/MD\\_Waterbodies/FeatureServer/3](https://geodata.md.gov/imap/rest/services/Hydrology/MD_Waterbodies/FeatureServer/3)

**Reservoirs Impoundments Use Classes 2012** N/A

[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/ReservoirsImpoundments\\_UseClasses\\_2012/FeatureServer/0](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/ReservoirsImpoundments_UseClasses_2012/FeatureServer/0)

**Rivers and Streams (NHD Large Scale)** USGS National Map

<https://hydro.nationalmap.gov/arcgis/rest/services/nhd/MapServer/6>

**Rivers and Streams (NHD Small Scale)** USGS National Map

<https://hydro.nationalmap.gov/arcgis/rest/services/nhd/MapServer/5>

**Shoreline** IMAP

[https://geodata.md.gov/imap/rest/services/Boundaries/MD\\_MarineBoundaries/MapServer](https://geodata.md.gov/imap/rest/services/Boundaries/MD_MarineBoundaries/MapServer)

**Tidal Waters Use Classes 2012** IMAP

[https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/TidalWaters\\_UseClasses\\_2012\\_Final/FeatureServer/0](https://services.arcgis.com/njFNhDsUCentVYJW/arcgis/rest/services/TidalWaters_UseClasses_2012_Final/FeatureServer/0)



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Map Layer Name	Server Name
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### Folder Name: Watersheds

<b>Federal 12-digit HU</b>	USGS National Map
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<https://hydro.nationalmap.gov/arcgis/rest/services/wbd/MapServer/6>

<b>Federal 8-digit HU</b>	USGS National Map
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<https://hydro.nationalmap.gov/arcgis/rest/services/wbd/MapServer/4>

<b>MD 12 Digit Watersheds</b>	IMAP
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[https://geodata.md.gov/imap/rest/services/Hydrology/MD\\_Watersheds/FeatureServer/2](https://geodata.md.gov/imap/rest/services/Hydrology/MD_Watersheds/FeatureServer/2)

<b>MD 8 Digit Watersheds</b>	IMAP
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[https://geodata.md.gov/imap/rest/services/Hydrology/MD\\_Watersheds/FeatureServer/1](https://geodata.md.gov/imap/rest/services/Hydrology/MD_Watersheds/FeatureServer/1)

<b>USGS Watershed Boundaries</b>	National Map
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<https://hydro.nationalmap.gov/arcgis/rest/services/wbd/MapServer>

### Folder Name: Wetlands

<b>Maryland Wetland Maps 1972</b>	IMAP
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[https://geodata.md.gov/imap/rest/services/Hydrology/MD\\_WetlandMaps1972/MapServer](https://geodata.md.gov/imap/rest/services/Hydrology/MD_WetlandMaps1972/MapServer)

<b>MD DNR Wetlands</b>	IMAP
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[https://geodata.md.gov/imap/rest/services/Hydrology/MD\\_Wetlands/MapServer/1](https://geodata.md.gov/imap/rest/services/Hydrology/MD_Wetlands/MapServer/1)

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Map Layer Name	Server Name
<b>MD National Wetlands Inventory (NWI)</b>	IMAP
<a href="https://www.fws.gov/wetlands/arcgis/rest/services/Wetlands/MapServer/0">https://www.fws.gov/wetlands/arcgis/rest/services/Wetlands/MapServer/0</a>	
<b>MD Wetlands of Special State Concern</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_Wetlands/MapServer/3">https://geodata.md.gov/imap/rest/services/Hydrology/MD_Wetlands/MapServer/3</a>	
<b>Folder Name: Floodplain</b>	
<b>Flood Hazard Zones</b>	FEMA
<a href="https://hazards.fema.gov/gis/nfhl/rest/services/public/NFHLWMS/MapServer/28">https://hazards.fema.gov/gis/nfhl/rest/services/public/NFHLWMS/MapServer/28</a>	
<b>MD Floodplain - Effective</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_Floodplain/FeatureServer/1">https://geodata.md.gov/imap/rest/services/Hydrology/MD_Floodplain/FeatureServer/1</a>	
<b>MD Floodplain - Preliminary</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_Floodplain/FeatureServer/0">https://geodata.md.gov/imap/rest/services/Hydrology/MD_Floodplain/FeatureServer/0</a>	
<b>Folder Name: Geology and Soils</b>	
<b>gSSURGO Soils</b>	MES
<a href="https://services.mesgis.com/arcgis/rest/services/WRR/Soils/MapServer/0">https://services.mesgis.com/arcgis/rest/services/WRR/Soils/MapServer/0</a>	
<b>Hydric Soils</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Geoscientific/MD_Geology/MapServer/2">https://geodata.md.gov/imap/rest/services/Geoscientific/MD_Geology/MapServer/2</a>	
<b>MD Geologic Formations</b>	IMAP

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<a href="https://geodata.md.gov/imap/rest/services/Geoscientific/MD_Geology/MapServer/0">https://geodata.md.gov/imap/rest/services/Geoscientific/MD_Geology/MapServer/0</a>	
<b>MD Physiographic Provinces</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Geoscientific/MD_Geology/MapServer/1">https://geodata.md.gov/imap/rest/services/Geoscientific/MD_Geology/MapServer/1</a>	
<b>Folder Name: Biota</b>	
<b>Finfish</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Biota/MD_Finfish/MapServer">https://geodata.md.gov/imap/rest/services/Biota/MD_Finfish/MapServer</a>	
<b>Forest Interior Dwelling Species</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Biota/MD_LivingResources/FeatureServer/10">https://geodata.md.gov/imap/rest/services/Biota/MD_LivingResources/FeatureServer/10</a>	
<b>Maryland Biological Stream Survey Sites</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_StreamHealth/FeatureServer/1">https://geodata.md.gov/imap/rest/services/Hydrology/MD_StreamHealth/FeatureServer/1</a>	
<b>Maryland Biological Stream Survey Streams</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_StreamHealth/FeatureServer/2">https://geodata.md.gov/imap/rest/services/Hydrology/MD_StreamHealth/FeatureServer/2</a>	
<b>SAV 2007</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/22">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/22</a>	
<b>SAV 2008</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/23">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/23</a>	

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Map Layer Name	Server Name
<b>SAV 2009</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/24">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/24</a>	
<b>SAV 2010</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/25">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/25</a>	
<b>SAV 2011</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/26">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/26</a>	
<b>SAV 2012</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/27">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/27</a>	
<b>SAV 2013</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/28">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/28</a>	
<b>SAV 2014</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/29">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/29</a>	
<b>SAV 2015</b>	IMAP
<a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/30">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/30</a>	

## WRR Listing of Map Service

# Maryland

Map Layer Name	Server Name
<b>SAV 2016</b>	IMAP
<i><a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/31">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/31</a></i>	
<b>SAV 2017</b>	IMAP
<i><a href="https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/32">https://archive.geodata.md.gov/imap/rest/services/Biota/MD_ArchivedSubmergedAquaticVegetation/FeatureServer/32</a></i>	
<b>Shellfish</b>	IMAP
<i><a href="https://geodata.md.gov/imap/rest/services/Biota/MD_Shellfish/MapServer">https://geodata.md.gov/imap/rest/services/Biota/MD_Shellfish/MapServer</a></i>	
<b>Stream Reaches</b>	IMAP
<i><a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_StreamHealth/FeatureServer/3">https://geodata.md.gov/imap/rest/services/Hydrology/MD_StreamHealth/FeatureServer/3</a></i>	
<b>Stream Wader Sites Volunteer Collected</b>	IMAP
<i><a href="https://geodata.md.gov/imap/rest/services/Hydrology/MD_StreamHealth/FeatureServer/0">https://geodata.md.gov/imap/rest/services/Hydrology/MD_StreamHealth/FeatureServer/0</a></i>	
<b>Fish Blockage Locations</b>	IMAP
<i><a href="https://geodata.md.gov/imap/rest/services/Biota/MD_LivingResources/MapServer/0">https://geodata.md.gov/imap/rest/services/Biota/MD_LivingResources/MapServer/0</a></i>	
<b>SAV 2018</b>	[unknown]
<i><a href="https://geodata.md.gov/imap/rest/services/Biota/MD_SubmergedAquaticVegetation/FeatureServer/0">https://geodata.md.gov/imap/rest/services/Biota/MD_SubmergedAquaticVegetation/FeatureServer/0</a></i>	

### Folder Name: Imagery

<b>Color infrared (CIR) digital orthophotoquad (DOQ)</b>	IMAP
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## WRR Listing of Map Service

# Maryland

Map Layer Name	Server Name
<a href="https://imagery.geodata.md.gov/imap/rest/services/DOQs/ColorInfraredDOQs/MapServer">https://imagery.geodata.md.gov/imap/rest/services/DOQs/ColorInfraredDOQs/MapServer</a>	
<b>MD 6 Inch Imagery (2010-2011)</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/SixInch/SixInchImagery2010_2011/MapServer">https://imagery.geodata.md.gov/imap/rest/services/SixInch/SixInchImagery2010_2011/MapServer</a>	
<b>MD Statewide DEM (ft)</b>	IMAP
<a href="https://lidar.geodata.md.gov/imap/rest/services/Statewide/MD_statewide_dem_ft/ImageServer">https://lidar.geodata.md.gov/imap/rest/services/Statewide/MD_statewide_dem_ft/ImageServer</a>	
<b>NAIP 2005</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2005/ImageServer">https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2005/ImageServer</a>	
<b>NAIP 2007</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2007/ImageServer">https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2007/ImageServer</a>	
<b>NAIP 2009</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2009/ImageServer">https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2009/ImageServer</a>	
<b>NAIP 2015</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Imagery/MD_NAIPImagery/MapServer">https://geodata.md.gov/imap/rest/services/Imagery/MD_NAIPImagery/MapServer</a>	
<b>Maryland Panchromatic digital orthophotoquad (DOQ)</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/DOQs/PanchromaticDOQs/MapServer">https://imagery.geodata.md.gov/imap/rest/services/DOQs/PanchromaticDOQs/MapServer</a>	
<b>MD 3 Inch Imagery</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Imagery/MD_ThreeInchImagery/MapServer">https://geodata.md.gov/imap/rest/services/Imagery/MD_ThreeInchImagery/MapServer</a>	

## WRR Listing of Map Service

# Maryland

Map Layer Name	Server Name
<b>MD 6 inch Imagery (2011-2013)</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/SixInch/SixInchImagery2011_2013/MapServer">https://imagery.geodata.md.gov/imap/rest/services/SixInch/SixInchImagery2011_2013/MapServer</a>	
<b>MD 6 inch Imagery (2013-2014)</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/SixInch/SixInchImagery2013_2014/MapServer">https://imagery.geodata.md.gov/imap/rest/services/SixInch/SixInchImagery2013_2014/MapServer</a>	
<b>MD 6 inch Imagery (2014-2016)</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/SixInch/SixInchImagery2014_2016/MapServer">https://imagery.geodata.md.gov/imap/rest/services/SixInch/SixInchImagery2014_2016/MapServer</a>	
<b>MD 6 inch Imagery (2016-2017)</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Imagery/MD_SixInchImagery/ImageServer">https://geodata.md.gov/imap/rest/services/Imagery/MD_SixInchImagery/ImageServer</a>	
<b>NAIP 2011</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2011/ImageServer">https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2011/ImageServer</a>	
<b>NAIP 2013</b>	IMAP
<a href="https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2013/MapServer">https://imagery.geodata.md.gov/imap/rest/services/NAIP/NAIPImagery2013/MapServer</a>	
<b>NAIP 2018</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Imagery/MD_NAIPImagery/ImageServer">https://geodata.md.gov/imap/rest/services/Imagery/MD_NAIPImagery/ImageServer</a>	
<b>USGS Topographic Quads</b>	IMAP
<a href="https://geodata.md.gov/imap/rest/services/Elevation/MD_USGSTopoQuads/MapServer">https://geodata.md.gov/imap/rest/services/Elevation/MD_USGSTopoQuads/MapServer</a>	

## WRR Listing of Map Service

# Maryland

Map Layer Name	Server Name
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### Folder Name: Forest

**MD Canopy Cover**

IMAP

[https://geodata.md.gov/imap/rest/services/Biota/MD\\_CanopyCover/ImageServer](https://geodata.md.gov/imap/rest/services/Biota/MD_CanopyCover/ImageServer)

### Folder Name: National Hydrography Dataset

**NHD Plus Sink**

National Map

[https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus\\_HR/MapServer/0](https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/0)

**NHD Point**

National Map

[https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus\\_HR/MapServer/1](https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/1)

**Network NHD Flowline**

National Map

[https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus\\_HR/MapServer/2](https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/2)

**Non-Network NHD Flowline**

National Map

[https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus\\_HR/MapServer/3](https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/3)

**Flow Direction**

National Map

[https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus\\_HR/MapServer/4](https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/4)

**NHD Plus Wall**

National Map

[https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus\\_HR/MapServer/5](https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/5)

**NHD Plus Burn Line Event**

National Map



## WRR Listing of Map Service

# Maryland

Map Layer Name	Server Name
<i><a href="https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/6">https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/6</a></i>	
<b>NHD Line</b>	National Map
<i><a href="https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/7">https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/7</a></i>	
<b>NHD Area</b>	National Map
<i><a href="https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/8">https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/8</a></i>	
<b>NHD Waterbody</b>	National Map
<i><a href="https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/9">https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/9</a></i>	
<b>NHD Plus Catchment</b>	National Map
<i><a href="https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/10">https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/10</a></i>	
<b>WBD HU12</b>	National Map
<i><a href="https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/11">https://hydro.nationalmap.gov/arcgis/rest/services/NHDPlus_HR/MapServer/11</a></i>	

### Folder Name: LiDAR

<b>MD Statewide Hillshade - Black and White</b>	IMAP
<i><a href="https://lidar.geodata.md.gov/imap/rest/services/Statewide/MD_statewide_hillshade_m/ImageServer">https://lidar.geodata.md.gov/imap/rest/services/Statewide/MD_statewide_hillshade_m/ImageServer</a></i>	
<b>MD Statewide Hillshade - Color</b>	IMAP
<i><a href="https://lidar.geodata.md.gov/imap/rest/services/Statewide/MD_statewide_shadedRelief_RGB/ImageServer">https://lidar.geodata.md.gov/imap/rest/services/Statewide/MD_statewide_shadedRelief_RGB/ImageServer</a></i>	

### Folder Name: Property Data

## WRR Listing of Map Service

*Maryland*

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Map Layer Name	Server Name
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**MD Tax Data (Image Service)**

IMAP

*[https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD\\_PropertyData/ImageServer](https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD_PropertyData/ImageServer)*

**MD Tax Data (Map Service)**

IMAP

*[https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD\\_PropertyData/MapServer](https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD_PropertyData/MapServer)*