



Maryland State Geographic Information Committee

A commitment to excellence in the development and coordination of geographic information technologies.

State Updates

Matt Sokol



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Department of Information Technology (DoIT)

GIS Software Master Contract

Statewide Imagery Program

Statewide Training Program

MD iMAP

LiDAR Downloads

New & Updated Services

New Application





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GIS Software Master Contract

- Approved by Board of Public Works on 6/22
- Effective 8/1
- Five Year Contract with Two 2 Year Options
- Five Vendors across Three Functional Areas

Vendors

- 1Spatial
- Esri
- GeoComm •
- Hexagon Geospatial
- Pitney Bowes •

Functional Areas

FA I: Desktop/Server Software

FA II: Mobile Software

FA III: Manufacturer's Software
Maintenance and Support





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GIS Software Master Contract

- For use by both State and Local Government
 - State Agencies work through DoIT
 - Contracting vehicle for Local Government
- Not a Services or Training Contract
- RFP can be found here: <http://bit.ly/29X8tgi>
- Additional Details for Products and Procurement coming to the MD iMAP Portal soon



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Statewide Imagery Program

Eastern Shore Imagery Project 2016

- Axis/AECOM Team
- Currently in delivery and QA process
 - QA of Block 1 (Cecil/Kent) completed
 - Edit calls for Block 1 provided to Axis Geospatial on 7/15
 - Delivery of Block 2 (Queen Anne's/Talbot/Caroline) to AECOM for QA next week
- 6 inch (Eastern Shore + Howard) + Buy-ups

Western Shore Imagery Project 2017

- For buy-ups – contact Lisa Lowe (lisa.lowe@maryland.gov)





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2013



2016



Under
Review



*Complete Delivery:
Anticipated End of 2016*





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Statewide Training Program

- In-Person Courses
 - Thinking Spatially (formerly Intro to GIS, MD iMAP and ArcGIS Online)
 - Intro to ArcGIS Desktop and MD iMAP
 - Intermediate ArcGIS Online and MD iMAP
- Online Course – Thinking Spatially - Now Available!
- Since program began in June 2015:
 - 385 participants from 24 agencies
 - Thinking Spatially – 137 participants
 - Intro to ArcGIS Desktop and MD iMAP – 113 participants
 - Intermediate ArcGIS Online and MD iMAP – 135 participants
- Calendar of trainings and seats available on MD iMAP Portal
- Limited seats may be available for non-State employees
 - **Contact Lisa Lowe (DoIT) – lisa.lowe@maryland.gov for info**





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MD iMAP LiDAR Downloads

- Pre-Defined DEMs
 - Via Dropbox
 - Include metadata, overview pyramids, and bare earth DEMs
 - Downloads by County
- Pre-Defined Point Cloud
 - LAS files by county coming soon
- Focused Areas
 - Via LiDAR Download Tool - *Coming Soon!*

LiDAR – <http://imap.maryland.gov/Pages/lidar-download.aspx>





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MD iMAP New & Updated Services

Local Businesses ***NEW***

Property Data ***UPDATED***

Tax Maps ***IMAGE SERVICE***

Canopy Height ***NEW***

Canopy Cover ***NEW***

- Coastal Resiliency Assessment ***NEW***
- Transit ***UPDATED***
- Annual Average Daily Traffic ***UPDATED***
- Protected Lands Acquisition ***NEW***





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MD iMAP – New Applications

<http://imap.maryland.gov/Pages/map-gallery.aspx>

Business and Tourism

Farmers Markets Directory (MDA)



Education

Maryland Kids Map (SOS)



Environment

Public Water Access (DNR)



Health and Human Services

Domestic Violence Facilities (SOS)



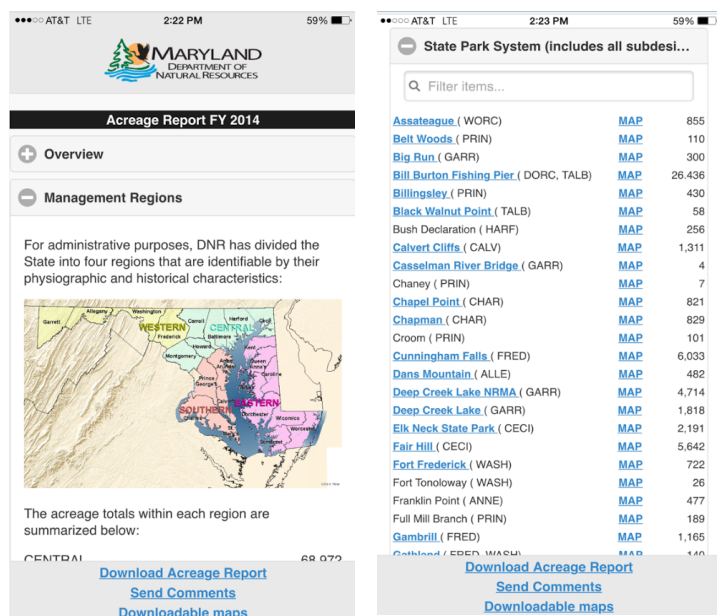


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Maryland Department of Natural Resources (DNR)

- **Acreage Report Mobile App**
 - Provides modern access to annual reports that summarize and locate DNR properties
 - Developed by DNR ITS Application Services team for the Land Acquisition and Planning Group with DNR WebAPI services and PhoneGap



Download for iOS:

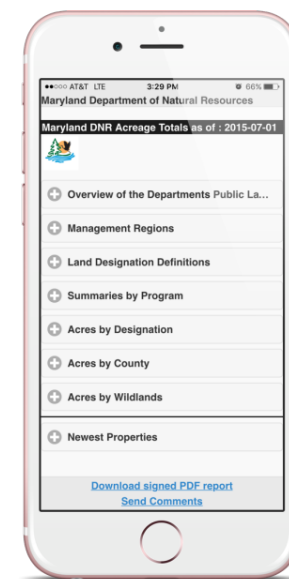
<https://itunes.apple.com/us/app/mar-yland-dnr-acreage-report/id988946021?mt=8>

Download for Android:

<https://play.google.com/store/apps/d>



[maryland.DNRAcreage](https://www.maryland.dnracreage.com)





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Maryland Department of Natural Resources (DNR)

- Public Water Access Sites Application
 - Highlights Water Access Site details from DNR Database
 - Includes Boat Ramps, Soft Launches, and Transient Docking Facilities
 - Developed in ArcGIS Online by ITS Application Services team

MARYLAND PUBLIC WATER ACCESS SITES

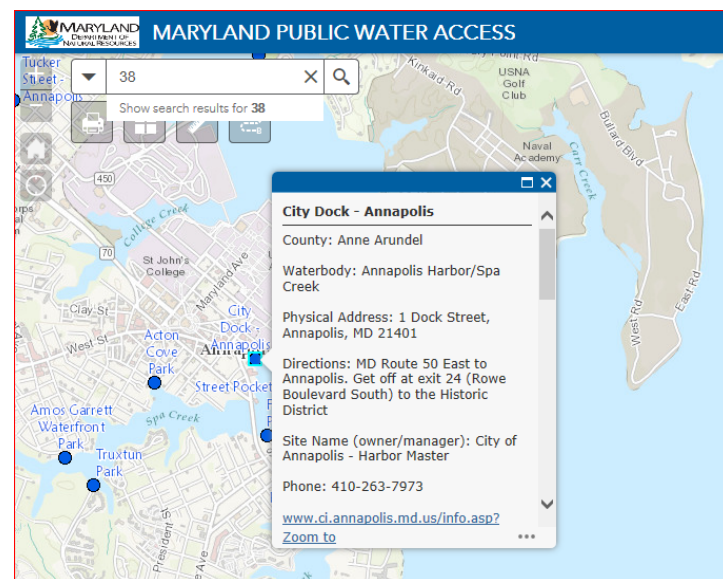
Home (Water Access Guide) | List by County | Map | Comments/Questions?

Select County to filter: **Anne Arundel**

More Details	ID	Name	Political Administration	Owner Type	Owner Name	Where is it?
details...	38	City Dock - Annapolis	Anne Arundel	MUNICIPAL	City of Annapolis - Harbor Master	Quick Map
details...	39	Carr's Wharf	Anne Arundel	COUNTY	Anne Arundel County Dept. of Recreation and Parks	Quick Map
details...	40	Truxtun Park	Anne Arundel	OTHER	The City of Annapolis - Recreation and Parks Department, Harbormaster Division	Quick Map
details...	585	Amos Garrett Waterfront Park	Anne Arundel	OTHER	The City of Annapolis - Recreation and Parks Department, Harbormaster Division	Quick Map
details...	592	Jack Creek Park	Anne Arundel	COUNTY	Anne Arundel Dept. of Recreation and Parks	Quick Map
details...	607	Beverly Triton Beach Soft Access	Anne Arundel	COUNTY	Anne Arundel County Dept. of Parks and Recreation	Quick Map
details...	630	Shady Side Park Soft Launch	Anne Arundel	COUNTY	Anne Arundel Dept. of Recreation and Parks	Quick Map
details...	637	Beachwood Park	Anne Arundel	COUNTY	Anne Arundel County Recreation and Parks	Quick Map
details...	43	Galesville Wharf	Anne Arundel	COUNTY	Anne Arundel County - Recreation and Parks	Quick Map
details...	46	Rose Haven Memorial Park	Anne Arundel	COUNTY	Anne Arundel County - Recreation and Parks	Quick Map

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<http://webapps02.dnr.state.md.us/MDPublicWaterAccess/>



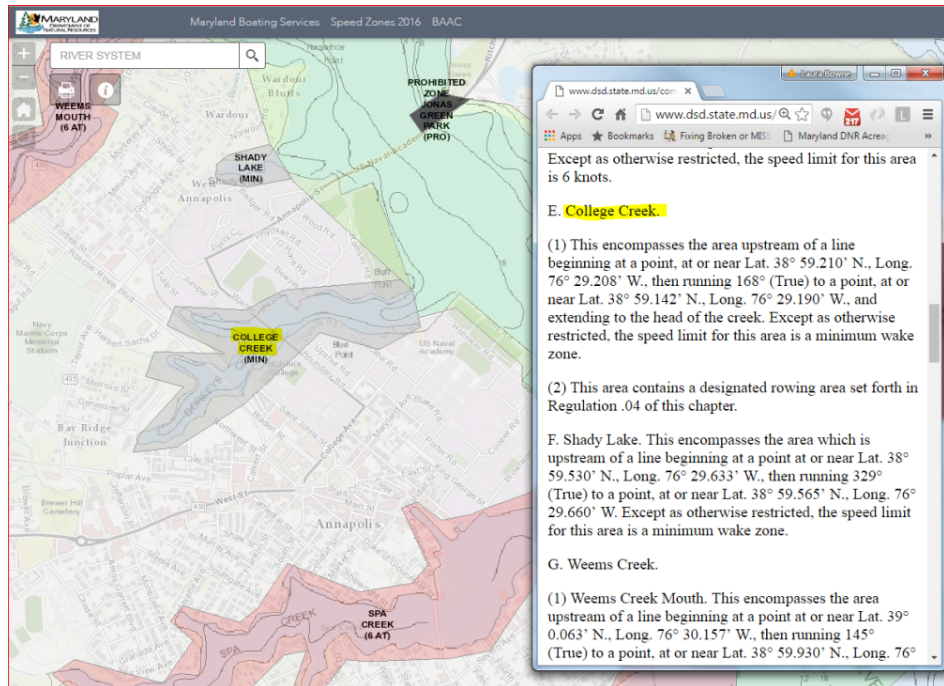


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Maryland Department of Natural Resources (DNR)

- Boating Speed Zones Application
 - Highlights the newest Speed Zones and basemap data
 - Will support the upcoming Boat Act Advisory Committee, BAAC Meeting
 - Developed by ITS Application Services team





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Maryland State Highway Administration (SHA)

- Mobility & Economy Dashboard
 - JavaScript/HTML5 App
 - Mobility is a key performance area (KPA) at SHA which aims to "Support Maryland Economy and Communities with Reliable Movement of People and Goods".
 - This dashboard aims to identify successes, challenges, and strategies being utilized to improve the transportation services SHA delivers to Marylanders and the traveling public.
 - Aims to drive investment related decisions and make the best use of transportation revenues using data driven performance based approaches.
 - Soft Release slated for FY17 Q1





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Maryland State Highway Administration (SHA)

- "Know Your Roads and Who to Call"
 - Allows citizens to find out who is responsible for roadway maintenance of all public roadways in the State
 - Citizens have access to information on how to submit a maintenance request, e.g. plowing, potholes, etc.
 - Application has been updated to include municipalities information on how to submit a maintenance request

