

State and Local Government

User

Missouri Department of Conservation (MDC)

Partner

Timmons Group

Challenge

MDC needed a way to promote outdoor activities while ensuring the stewardship of the land.

Solution

MO Outdoors app

Results

The app has had over 24,000 downloads in the first six months, enabling users to discover new places and activities.

Missouri Department of Conservation App Encourages Users to Have Fun Outdoors

Challenge

The Missouri Department of Conservation (MDC) administers more than 975,000 acres located throughout the state, with a mission of protecting the state's natural resources while helping Missourians connect with their native heritage. To continue encouraging Missourians to enjoy outdoor activities while it promotes the stewardship of the land, the department needed a way to make information about the state's conservation areas readily available to the public.

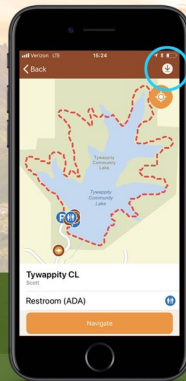
Partner

Staff at MDC, a longtime Esri user, knew geographic information system (GIS) technology would be at the core of the MO Outdoors app, but they needed help with implementation. So they turned to Timmons Group, a longtime Esri partner. Timmons Group is a national geospatial consulting and implementation firm. MDC had previously partnered with Timmons Group in developing other successful mobile applications like MO Hunting and MO Fishing, so the firm was an obvious choice.

MO Outdoors: Offline Maps

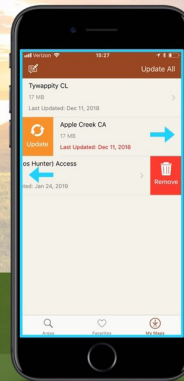
Developed By:
TIMMONS GROUP

DOWNLOAD MAP



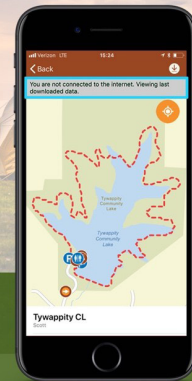
▲ Users can download any conservation area map

STORE & UPDATE



▲ Manage downloaded maps in app with swipe controls

VIEW OFFLINE



▲ Full extent of conservation area can be viewed off line

“This app is helping us connect people with the outdoors to enjoy all the beauty and outdoor activities our state has to offer. Folks that have lived here their entire lives are telling us that they are discovering new trails and places they’d never visited before using the app.”

Alex Prentice

IT Project Manager

Missouri Department of Conservation

Solution

Prior to the MO Outdoors app, MDC had used Esri® GIS to refine the department’s data management processes and to deliver pertinent information about its products and services through its Find Places to Go in MO website. This work provided the foundation for the development of a native app that provides the additional functionality that users requested, such as navigation to conservation areas and interactive and offline mapping with GPS.

Using ArcGIS® Runtime SDKs, Timmons Group developed a public-facing mobile application for iOS and Android. The application pulls in data from ArcGIS Online basemaps to provide information about the more than 1,000 conservation areas in the state. MO Outdoors allows users to quickly and easily find outdoor activities based on their selected filters. The mobile application provides information on points of interest and activities, such as nature centers, camping sites, hiking trails, fishing areas, and shooting ranges. Users can now easily get regulatory and hunting and fishing information, hours of operation, and parking details right from their mobile device. The app allows them to designate their frequently accessed locations as favorites and to download maps for offline use.

Results

The real-time updates on area closures, activities, seasons, and regulations make it easier for users to enjoy all the wonderful and diverse natural resources Missouri has to offer. MO Outdoors helps MDC meet its goal of getting more Missourians and visitors to enjoy the beautiful outdoors within their state. In the first six months since its release, the app had over 24,000 downloads, and the number continues to grow.



go.esri.com/mooutdoors