



## IndianaMap REST Services

### Overview

**IndianaMap REST Services** offers sharing and integration of geography and map information from a simple HTTP protocol to deliver a dynamic, interactive, intelligent map. Each IndianaMap layer is available as a REST service at:

<http://maps.indiana.edu/arcgis/rest/services>

With IndianaMap REST Services you can:

- Mash up IndianaMap services with REST service from other sources
- Use IndianaMap REST services with many desktop GIS applications
- Deliver map information to Web browsers, tablets, phones, and desktop computers
- Develop applications using a variety of programming interfaces to use IndianaMap REST services

### User Guide

#### **IndianaMap REST Service operation:**

- There are more than 250 IndianaMap REST Services available to the public
- Each REST Service includes:
  - A legend, list of layers and tables, authors, title, description, subject, credits, keywords, copyright, geographic extent, etc.
- The spatial reference is UTM, Zone 16, for Indiana (26916)
- The REST services are Single Fused Map Caches using 12 levels of detail at the scales of 2,500,000; 1,000,000; 500,000; 250,000; 125,000; 64,000; 32,000; 16,000; 8,000; 4,000; 2,000; and 1,000
- Supported Interfaces includes REST, SOAP, and WMS
- Supported Operations includes Export Map, Identify, Find, and Generate KML