



U.S. Department of the Interior
Bureau of Indian Affairs

BIA – Office of Trust Services
Division of Resource Integration and Services
Branch of Geospatial Support (BOGS)





About BOGS

- BOGS is the technical support office to:
 - Indian Affairs (IA)
 - All federally recognized Tribes for GIS, as part of the Department of Interior Bureau of Indian Affairs (BIA) Enterprise License Agreement (ELA)
- Serve the Regional Geographic Coordinators (RGCs) in their work with Tribes and local BIA agencies
- Provide resources for BIA stakeholders in mapping endeavors
- Represent the BIA to other agencies, units of government and the public by presenting authoritative maps, as approved by information security standards



BOGS Services

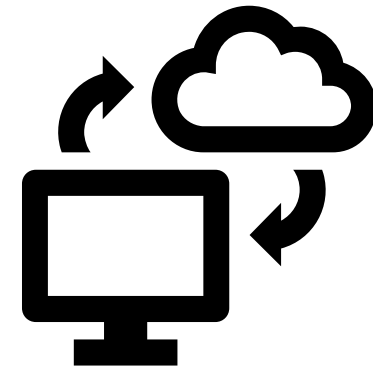
- BOGS specializes in five types of user support services:
 - Geospatial Software
 - Geospatial Training
 - Geospatial Technical Assistance
 - Geospatial consulting for BIA and tribal governments
 - Development of Geospatial tools to aid in ongoing projects





Geospatial Software

- BOGS offers geospatial software and support to : BIA employees, federally recognized tribal employees, and contracted or compacted tribal employees (under Public Law 93-638)
- Tribes do not receive all products available to BIA employees
- Provides software, training and technical support through Department of the Interior's ELA for GIS applications including:
 - ArcGIS core software and limited extensions
 - Select ESRI e-Learning courses and workshops
 - Paid maintenance for existing products
 - Discounts on purchase of other ESRI software products
 - Avenza Maps™ Pro
 - Maxar Technologies (formerly DigitalGlobe)





Enterprise Licensing Agreement (ELA)

- DOI wide ESRI Enterprise Licensing Agreement (ELA) provides ArcGIS software, training and technical support across all of IA and to employees of federally recognized Tribal Governments at no cost to the tribes.
- Application required to be participant in program.
- If you're unsure if your Tribe is an ELA participant:
 - Contact geospatial@bia.gov or **405-230-0480** to determine if your Tribe is an "Active" ELA Participant.



ELA Primary Contact

- At the time of application, a primary GIS contact is assigned by the Tribe, Division or Department.
- Primary GIS Contact Responsibilities
 - Complete annual/biannual reconciliation of users and licenses
 - Authorize new users
 - Order Software Licensing
 - Provide Licensing and Installation Files to tribal users
 - Disseminate training, seminars, user conference, etc... opportunities to tribal users
- If you're unsure if your Tribe is an ELA participant:
- Contact geospatial@bia.gov or **405-230-0480** to determine if your Tribe is "Active" ELA Participant.



ELA Order Form



**Bureau of Indian Affairs
Office of Trust Services
Division of Land Titles and Records
Branch of Geospatial Support**

13922 Denver West Parkway, Bldg. 54, Suite 300, Lakewood, CO 80401
Geospatial Support Help Desk 877.293.9494 • fax 303.231.5229 • geospatial@bia.gov



Tribal Enterprise License Agreement Application Form

Environmental Systems Research Institute Federal Supply Schedule Contract No. GS-35F-5086H
Blanket Purchase Agreement No. 140D0419A0017

Contact Information

Date: Click or tap to enter a date.

Region: Choose an item.

Tribe Name: Click or tap here to enter text.

Primary Contact: Click or tap here to enter text.

Division or Department: Click or tap here to enter text.

Job Title: Click or tap here to enter text.

P.O. Box: Click or tap here to enter text.

Phone Number: Click or tap here to enter text.

Street Address: Click or tap here to enter text.

Fax Number: Click or tap here to enter text.

City/State/Zip: Click or tap here to enter text.

Email Address: Click or tap here to enter text.

Federally Recognized Tribe: Yes No

***Tribal Supervisor (Name, Title, Phone Number)**

Non-Profit: Yes No

Click or tap here to enter text.

Public Law 93-638: Yes No

***Required Information**

Justification for Inclusion in the ELA Program

Please answer the following question in the box below. How will your organization utilize ArcGIS and what benefits to the organization are anticipated?

Click or tap here to enter text.

Signature

Applicant Signature: _____

Date: Click or tap to enter a date. _____

Department User Information

Name of each individual using software under the BIA's Enterprise License Agreement (ELA) is required. Information may be transferred to Esri for technical assistance, training, or conference purposes. The Bureau of Indian Affairs does not collect information for commercial marketing purposes.

USERNAME	TITLE	PHONE	EMAIL



Additional Software Provided by BOGS

- Avenza Pro©
- ESRI Products©
- ArcGIS Core Software and Limited Extensions
- Including but not limited to: ArcGIS Pro, ArcGIS Enterprise
- Paid maintenance for existing products
- A limited number of ESRI specialty products
- Discounts on purchases of other ESRI software products
- Technical support through geospatial@bia.gov
- Maxar©



Geospatial ESRI Training

- Provides no cost GIS training for eligible Tribal members, as well as BIA and BOGS employees, including:
 - Instructor Led Courses
 - Online ESRI e-learning
- Our training programs teach Tribal governments and Indian Affairs how to use GIS software to enhance their land management programs such as:
 - Irrigation flood plain analysis
 - Forest harvesting
 - Wildland fire analysis
 - Oil and gas management
 - As well as other analyses





Training: ESRI MOOC

ESRI's Massive Open Online Courses (MOOC) Program

- 4-6 weeks long and self-paced
- earn a certificate of completion

Course Title	Start Date	Duration	Cost	Reviews
Transform AEC Projects with GIS and BIM	Course opens May 3, 2023	4 Weeks	Free	3026
Spatial Data Science: The New Frontier in Analytics	Course opens Aug 30, 2023	6 Weeks	Free	20699
Imagery in Action	Course opens Sep 20, 2023	6 Weeks	Free	8500
Do-It-Yourself Geo Apps		4 Weeks	Free	15476
Going Places with Spatial Analysis		6 Weeks	Free	18090
Cartography		6 Weeks	Free	39010



Training: Mississippi State University



- Self paced, no to low cost for BIA or Tribal members.
- 4-week sessions multiple times a year
- 100% Virtual options, some opportunity for trainers to visit tribal location for on-site training is possible in the future.
- Trainings will be listed for the BIA when the courses become available at the following URL: <http://msuext.ms/biagis>.
- To create an account for course signup:
<https://www.gri.msstate.edu/GEO/education.php>



Training: USGS Ghostbusters

- GHOSTBUSTERS (the Geospatial & Hydro-ecological Optimization Science Team Building the Understanding of Spatial & Temporal Environmental Research Studies) is a group of USGS geospatial practitioners with the mission of enhancing geospatial capacity across the Mid-Continent Region (MCR) of the USGS by utilizing the unique skillsets and expertise from the eleven Centers of the MCR.
- Will provide 1 virtual course to the BIA/Tribes during this FY and look to expand number of courses and provide possible in person options at TCUs next FY.
- Provides the opportunity to have more advanced courses than have been offered before such as Building Land Cover, Surveying/Processing, LiDAR, Advanced Data Display and much more.



GIS Support

- Coordinate with other BIA offices and Regional Geographic Coordinators to provide support for future or current projects
- Maintains existing database and records to reflect changes accurately
- Working to develop GIS data archival system
- Build applications, dashboards and maps to support requests from BIA/AS-IA leadership.
- Coordinate with other federal agencies on tribal data and best ways to support tribes
- Provide tribal mapping support based on client needs

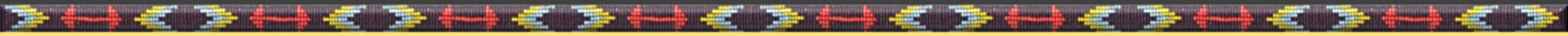


BOGS Ongoing Projects

- BIA Open GIS Data
 - BIA GIS Geospatial Hub
- Bipartisan Infrastructure Law (BILS) Funding Map
 - ESRI Dashboard
- BIA Tract Viewer (RTV)
 - ESRI Dashboard
- Tribal Climate Resilience Program (TCRP) Awards Map
 - ESRI Dashboard
- Forestry Nation Accomplishments Data Collection
 - ESRI Fieldmaps
- Fee to Trust Reporting
 - StoryMaps and ArcInsights



BIA Open GIS Data



 Bureau of Indian Affairs: Open Data

Bureau of Indian Affairs Open GIS Data

Discover public data, tools, and resources from
the Bureau of Indian Affairs

Browse Data By Category

The data available here is created and maintained by the Branch of Geospatial Support. These are public datasets available for use and download by the public.



Tribal and Federal
Government



Education



Funding, Awards, and Grants



Tribal Land



Bipartisan Infrastructure Law (BILS)





BIA Tract Viewer

BIA Tract Viewer BLM GLO Search

Find address or place

300mi
-83.893 44.374 Degrees

POWERED BY Esri, HERE, Garmin, FAO, NOAA, USGS, EPA

Legend

- BIA Office
- BIA_Regions
- Tracts
- Parcels



Questions or Comments?

Please feel free to provide any feedback including questions, comments, or just to say hello.

Scan the QR code below





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