

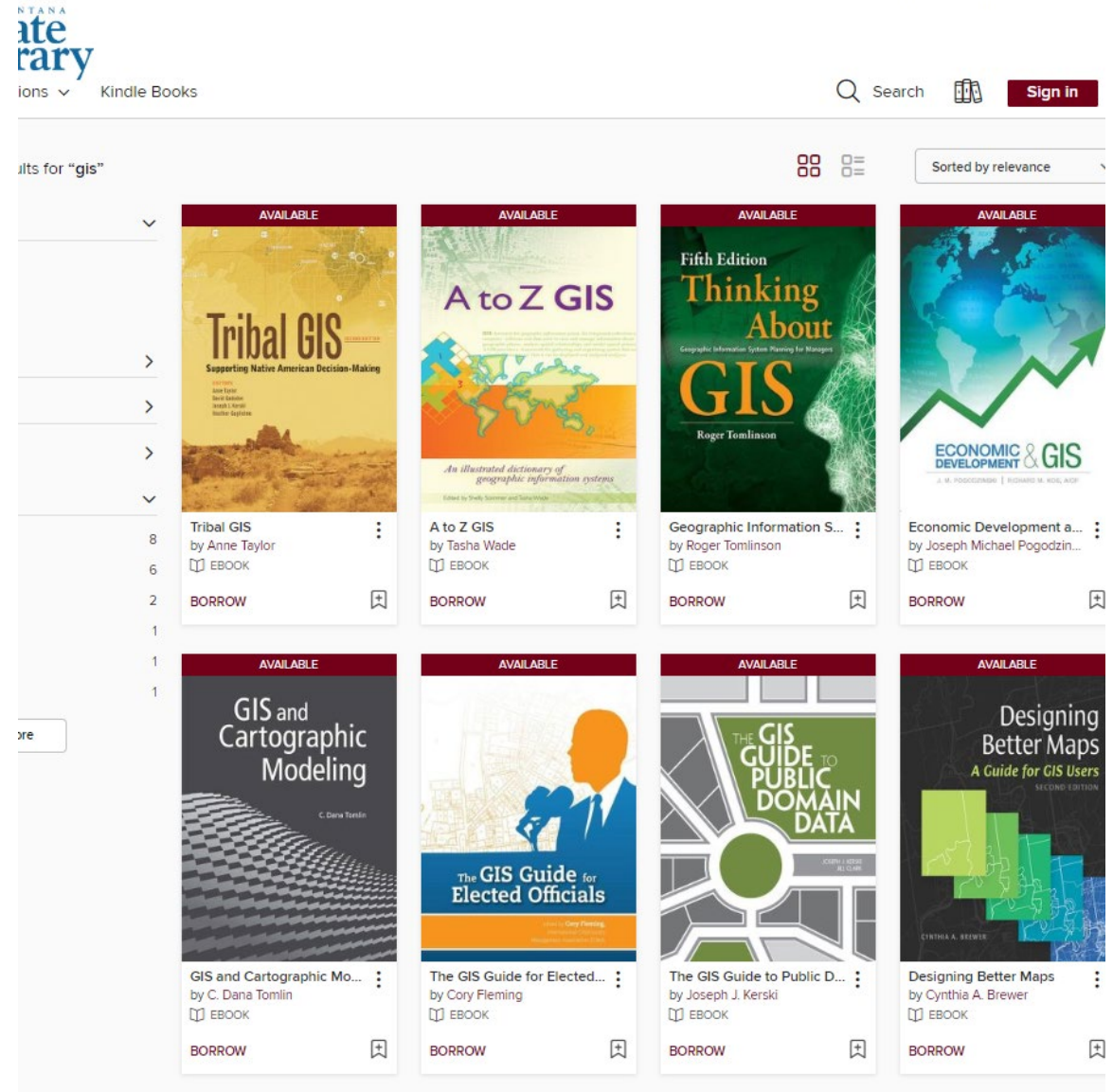
An aerial photograph of a campus or university area, showing various buildings, roads, and green spaces. The image is overlaid with a semi-transparent dark layer, and white text is centered on it. The text reads: "Geographic Information Resources Available at the Montana State Library".

Geographic Information Resources Available at the
Montana State Library

and beyond...

Digital Collections Technical Books & Publications

- [Overdrive & Safari Techbooks](#)
- Available to
 - All State of Montana employees
 - Staff of Montana Libraries
- Apply for library card - http://research.msl.mt.gov/interlibrary_loan/state_employee_library_card



Wealth of Geographic Information & Maps...

Montana Spatial Data Infrastructure: 15 defined layers that provide the basic framework for Montanans to do business:

- Administrative Boundaries
- Cadastral
- Climate
- Elevation
- Geographic Names
- Geology
- Hydrography
- Hydrologic Units
- Land Cover
- Mapping Control
- Imagery Soils
- Structures & Addresses
- Transportation
- Wetlands & Riparian

Interactive & Static Map Collection

Map Gallery

 <p>Open Details Current Wildfires - Montana</p>	 <p>Open Details Map of Montana</p>	 <p>Open Details Montana Schools and School Districts</p>	 <p>Open Details Montana Public and Private Land Ownership Maps</p>	 <p>Open Details Channel Migration Zones Montana: Map of Available Project Areas</p>
 <p>Open Details Montana Administrative Boundaries</p>	 <p>Open Details 2010 Census Boundaries with Population, Race and Housing Units</p>	 <p>Open Details Montana Community Anchor Institutions</p>	 <p>Open Details Montana Structures/Addresses Framework Web Map</p>	 <p>Open Details Montana CadNSDI</p>
 <p>Open Details Census 2020</p>	 <p>Open Details Montana Drought Impacts (Water Year 2018)</p>	 <p>Open Details County Population Projections - 2020</p>	 <p>Open Details Historical Census County Populations - 1870 to 2010</p>	 <p>Open Details 2000 Census Boundaries with Population, Race and Housing Units</p>
 <p>2013</p>	 <p>Operational Medicine</p>	 <p>CENSUS '90</p>		

Resources for Developing Geographic Information Systems



This is not an exhaustive list...

Montana Land Information Act (MLIA) Grant Program

- Important Application Dates

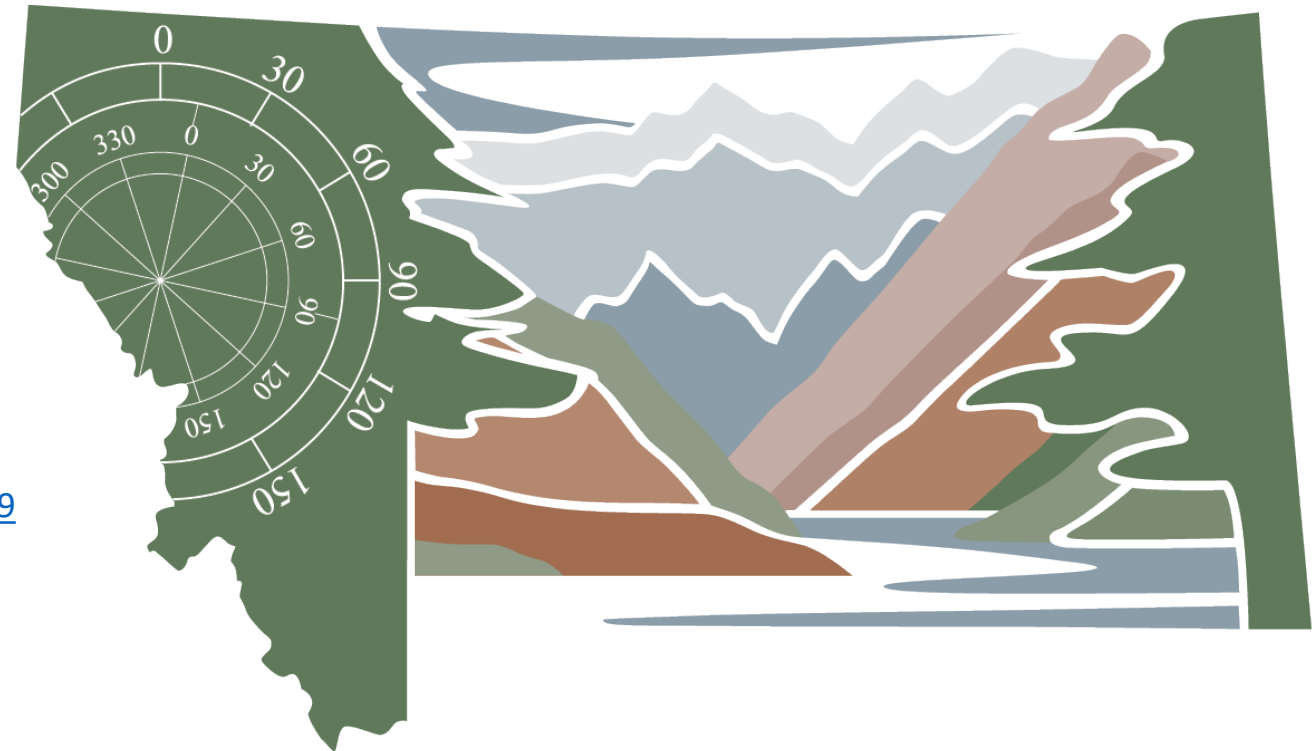
- Opens January 15
- Closes February 15

- MLIA Grant Writing Workshop

- January 11, 2019
- Workshop Registration link:
 - <https://www.surveymonkey.com/r/MLIAGrantWriting2019>

- Past grant recipients:

- Swan Valley Schools
- Liberty County Schools



<http://geoinfo.msl.mt.gov/mliagrants>

Montana Association of Geographic Information Professionals



K-12 educators to support GIS-related curriculum/education in Montana

Grant Program Past Award Recipients:

- ***Lauren Stephens, Emily Dickinson Elementary School, Bozeman, MT***
- ***Laura Zanolli, Lolo Schools, Lolo, MT***
- ***Hans Bodenhammer, Bigfork Schools GIS and Science Program, Bigfork, MT***
- ***Wayne Stein, White Clay Immersion School, Fort Belknap, MT***
- ***Bill Jimmerson, Your Education Source, Bozeman, MT***
- ***Melissa Reynolds-Hogland, Bear Trust International, in Missoula, MT***
- ***Gail Shatkus, Chester-Joplin-Inverness School District***
- ***Jo Stevens, West Yellowstone K-12 Schools***
- ***Scott Edge, C.S. Porter Middle School, Missoula, MT***

Options for GIS Software Licensing *(not exhaustive)*

QGIS

- Free & Open Source GISD
 - <https://www.qgis.org/en/site/>

Educational Licensing for Esri Software:

- Schools can apply for free software use for their school:
 - <https://www.esri.com/en-us/industries/education/schools/schools-mapping-software-bundle>.
- Student Home Use License - \$100
 - <https://www.esri.com/en-us/store/arcgis-student-use>



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