Image from NASA:
https://commons.wikimedia.org/wiki/File:Earth_Western_Hemisphere_transparent_background.png#filelinks

GIScience

Professional Development

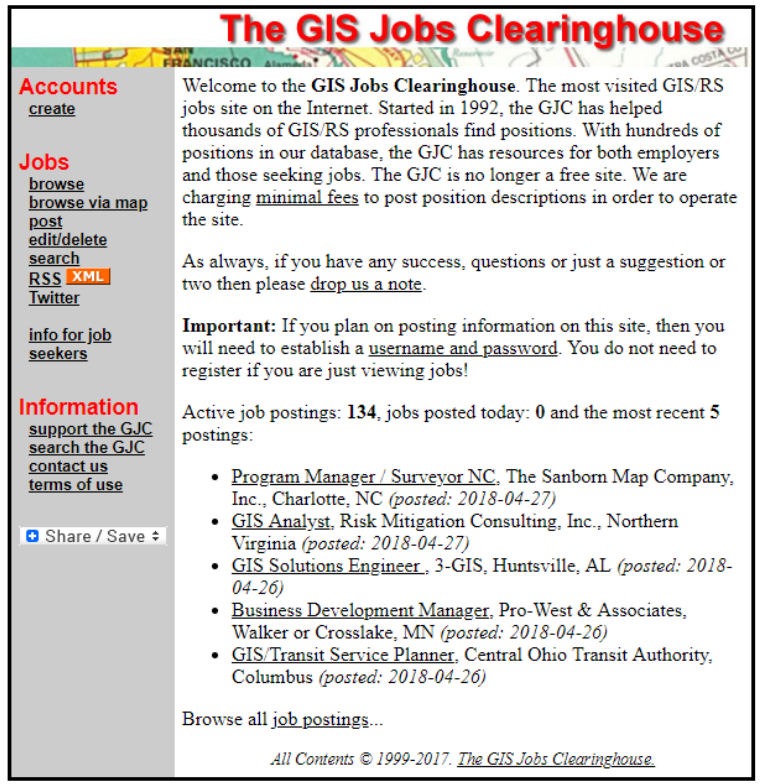
WV VIEW

AmericaView℠
Empowering Earth Observation Education
AmericaView.org - Est. 2003

Geospatial Job Market

Job titles include:

- GIS Technician
- GIS Analyst
- Remote Sensing Analyst
- GIS Programmer
- GIS Web Developer
- Aerial Survey Technician
- Survey Technician
- Image Analyst
- And more!



The GIS Jobs Clearinghouse

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Jobs
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browse via map
post
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Welcome to the **GIS Jobs Clearinghouse**. The most visited GIS/RS jobs site on the Internet. Started in 1992, the GJC has helped thousands of GIS/RS professionals find positions. With hundreds of positions in our database, the GJC has resources for both employers and those seeking jobs. The GJC is no longer a free site. We are charging minimal fees to post position descriptions in order to operate the site.

As always, if you have any success, questions or just a suggestion or two then please drop us a note.

Important: If you plan on posting information on this site, then you will need to establish a username and password. You do not need to register if you are just viewing jobs!

Active job postings: **134**, jobs posted today: **0** and the most recent **5** postings:

- Program Manager / Surveyor NC, The Sanborn Map Company, Inc., Charlotte, NC *(posted: 2018-04-27)*
- GIS Analyst, Risk Mitigation Consulting, Inc., Northern Virginia *(posted: 2018-04-27)*
- GIS Solutions Engineer , 3-GIS, Huntsville, AL *(posted: 2018-04-26)*
- Business Development Manager, Pro-West & Associates, Walker or Crosslake, MN *(posted: 2018-04-26)*
- GIS/Transit Service Planner, Central Ohio Transit Authority, Columbus *(posted: 2018-04-26)*

Browse all job postings...

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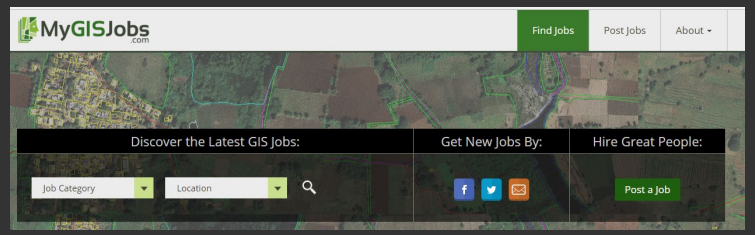
http://www.gjc.org/

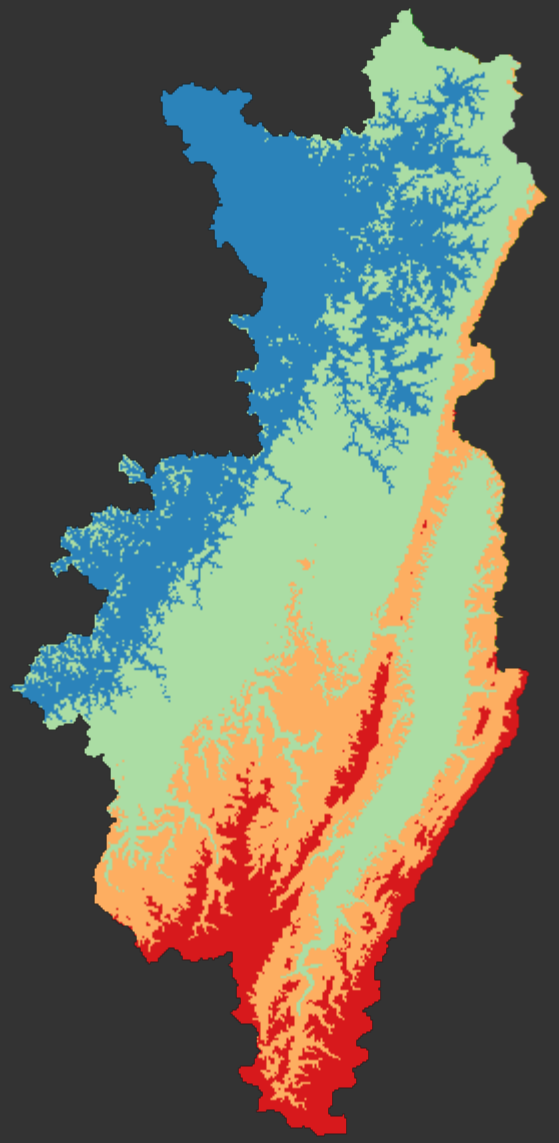
https://www.gisjobs.com/



https://www.mygisjobs.com/

Important Geospatial Skillsets

1. Spatial problem solving
2. Spatial analysis
3. Software troubleshooting
4. Statistics
5. Spatial predictive modeling
6. Database management
7. Web GIS
8. Python scripting
9. JavaScript scripting
10. Cartography/Map design
11. Graphic design
12. Remote sensing/Image interpretation
13. GPS technology



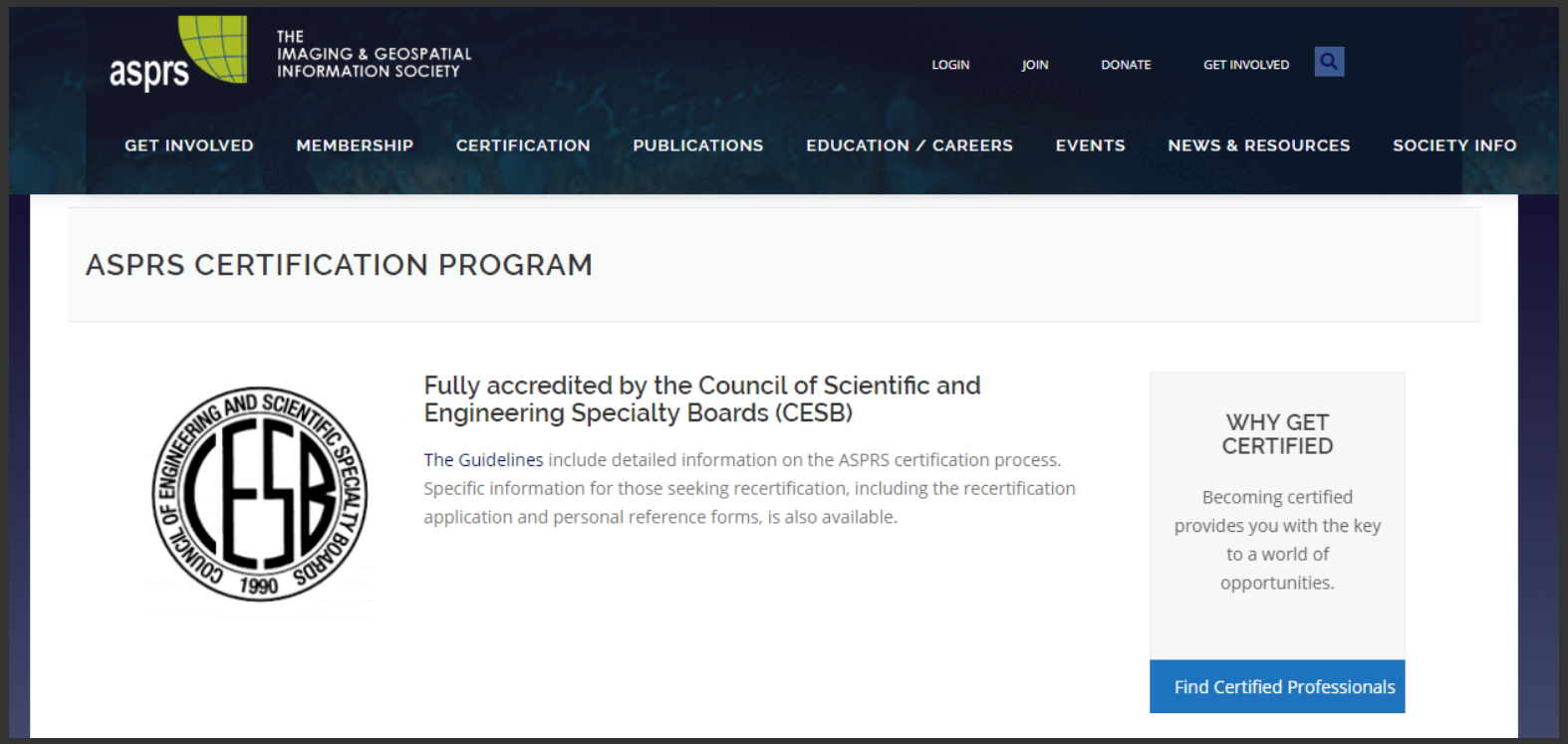
Professional Certifications

- Offers GISP (Geospatial Information Systems Professional) Certification

https://www.gisci.org/

Professional Certifications

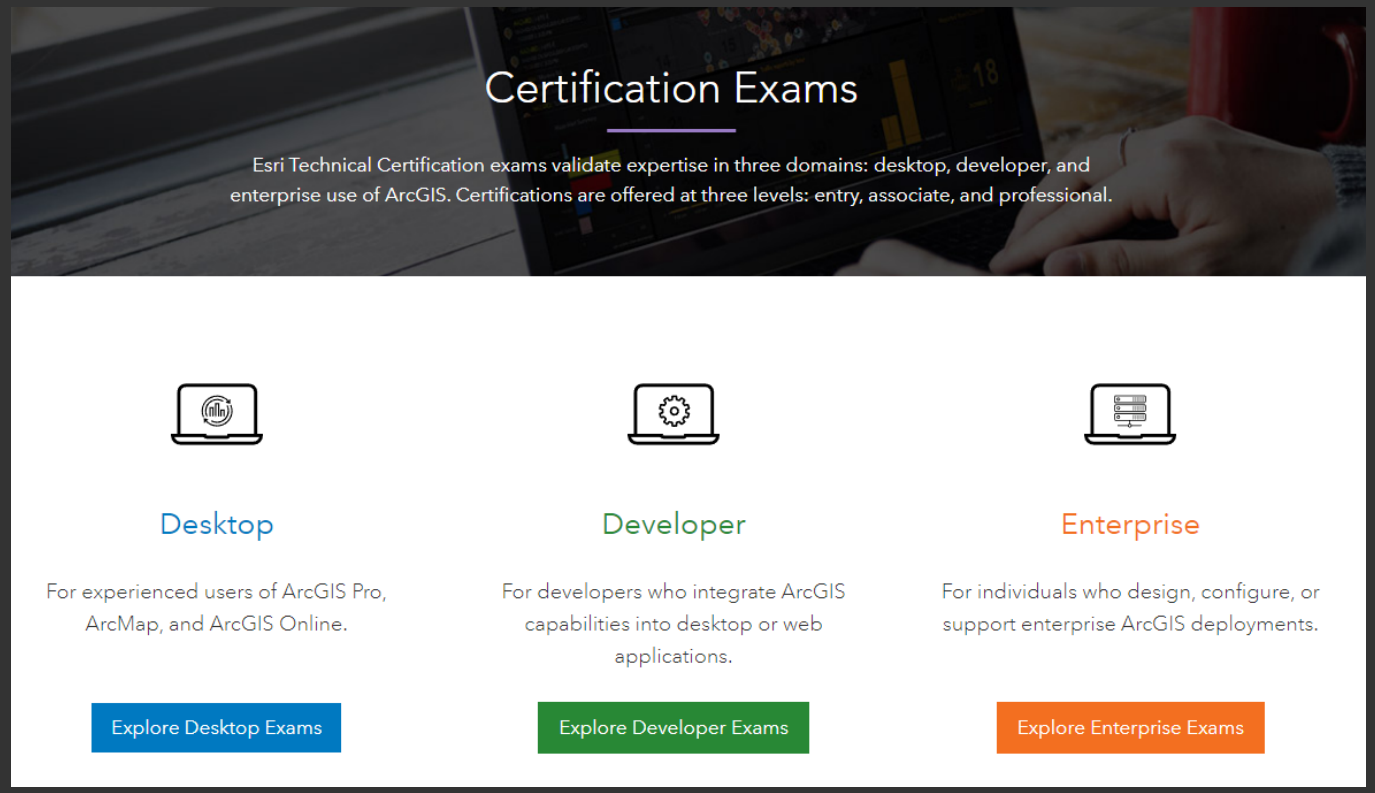
- Certified Photogrammetrist
- Certified Mapping Scientist Remote Sensing
- Certified Mapping Scientist GIS/LIS
- Certified Mapping Scientist Lidar
- Certified Mapping Scientist UAS
- Certified GIS/LIS Technologist
- Certified Lidar Technologist
- Certified Remote Sensing Technologist
- Certified Photogrammetric Technologist
- Certified UAS Technologist



https://www.asprs.org/Certification

Professional Certifications

- Technical certification for using ESRI software



https://www.gisci.org/

Professional Societies

AAG
AMERICAN ASSOCIATION of GEOGRAPHERS

http://www.aag.org/

WVAGP

https://www.wvagp.org/

asprs
THE IMAGING & GEOSPATIAL INFORMATION SOCIETY

https://www.asprs.org/

Logos were obtained from organization websites

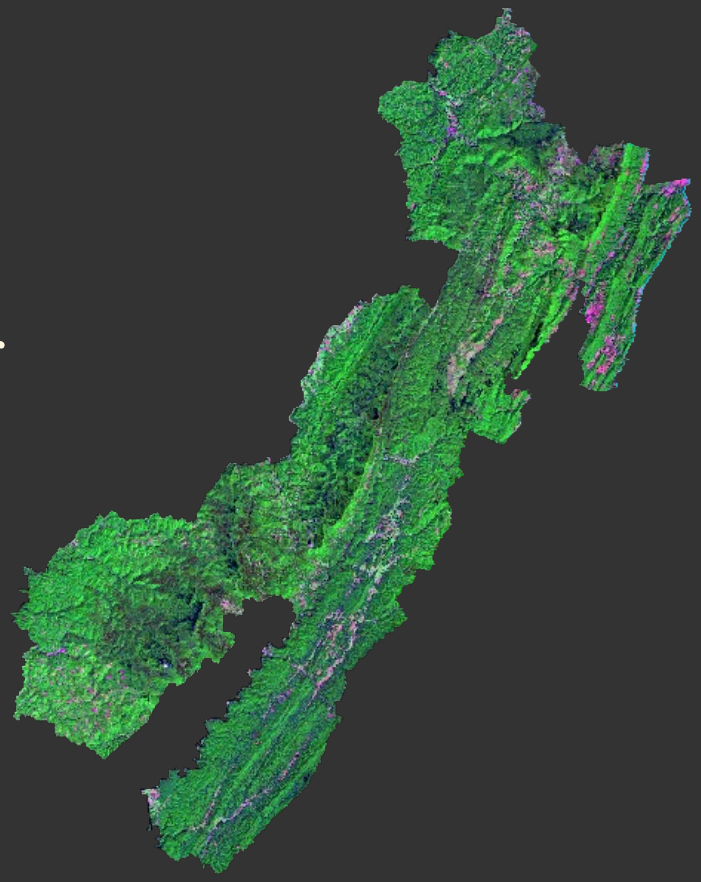
Who hires geospatial professionals?

- Local, state, and federal government
  - County assessors' offices
  - WVDEP, WVDNR, WVDOT, WVU
  - US Census, USDA, Bureau of Land Management, Department of Defense, EPA
- Surveying companies
- Aerial survey companies
- Consulting companies
- Higher Ed.

gisgeography.com/10-gis-career-tips-find-gis-job/

Hot Topics and Current Developments

1. 3D GIS/geovisualization
2. Virtual reality/augmented reality
3. Drones
4. Big data/data mining
5. Parallel computing
6. Machine learning/artificial intelligence/deep learning
7. Spatial predictive modeling
8. Laser scanning
9. Hyperspectral data
10. Real time GIS
11. Expanding the use of geospatial science



This is the end of this lecture module.

Please return to the West Virginia View Webpage for additional content.