Membership Application for Geospatial Professionals

Geospatial Professional (Geospatialist): Any person actively engaged in a field of practice that acquires, manages, interprets, integrates, displays, analyzes, or otherwise uses data focusing on the temporal, and spatial context, including the development and life-cycle management of information technology tools to support geospatial activities.

Required Experience in Responsible Charge: Any combination of practice in Geographic Information Systems, Photogrammetry, Remote Sensing, Geodesy, Geomatics, Cartography, Geography, or Hydrography with at least six (6) years experience in responsible charge. At least 75% of the time used as qualifying experience must be directly related to the practice of one or more of the preceding geospatial fields. Nationally recognized certifications, a bachelors degree, or a graduate degree in any of these geospatial fields can each substitute for one (1) year of experience, but in no case shall the combination of certification and education substitute for more than a total of two (2) years of experience.

Responsible Charge: Authoritative professional in a position of responsibility, including geospatial consultation, investigation, research, needs analysis, evaluation, and interpretation, as well as the planning, directing, executing, or supervising of geospatial activities and deliverables. Qualifying geospatial professional service includes, but is not limited to, the following activities, areas of specialization, and terminology:

- **Geodesy and Geomatics**: Georeferencing and coordinate systems (e.g., geodetic and vertical datums, map projections, coordinate transformations); Design and analysis of survey control networks; spatial data quality assurance/control; Utilization of Global Navigation Satellite System data (e.g., GPS, GLONASS); Gravity field measurement and modeling.
- **Spatial Data Management**: Spatial database development; Metadata maintenance; Data input and attribution; Data manipulation (e.g., edit, coordinate transformation, dissolve, generalize, clip, erase); Data conversion (e.g., importing, exporting, database relates/joins, file-based or relational database management systems (RDBMS), classification); Data output (e.g. reports, maps and graphics production); Programming (e.g., data processing, application development, custom analyses).
- **Data Modeling and Analysis**: Evaluation and manipulation of vector or raster data types; spatial data topology; overlay, proximity, and spatial network analyses; Linear reference systems; Surface/terrain modeling and analysis (e.g., Triangulated Irregular Networks, Digital Elevation Models, Digital Terrain Models)
- **Remote Sensing**: Acquisition, processing, interpretation, and rectification of remotely sensed aerial and satellite imagery (analog & digital); Photogrammetric flight planning, aerial triangulation and feature collection & editing (including photography & planimetrics, using manual and automated methods); Acquiring and processing data from airborne GPS, inertial measurement units and Light Detecting and Ranging (LIDAR) equipment.

Evidence of qualifying experience in responsible charge is required to complete the application process. Please provide relevant education, work experience, and reference contact information on page two.

Once the applicant’s experience has been reviewed, verified, and accepted, the applicant will be granted Geospatial Professional membership status within the Association. Information on Membership classes and fees can be found at: [http://www.azpls.org/](http://www.azpls.org/)

Please mail the completed application to: APLS; 3346 E. Menadota Dr; Phoenix AZ, 85050 Or FAX 602-334-1030
Application Review for Geospatial Professional Membership

Applicant Information
Last Name __________________________ First __________________________ Middle __________________________

Home Address ____________________________________________________________

City, State, Zip Code __________________________________________________________

Phone # __________________________ Email __________________________________________

Indicate areas of Practice: ☐ GIS ☐ Geography ☐ Geodesy/Geomatics
☐ Cartography ☐ Photogrammetric/Remote Sensing ☐ Hydrography

Required Documents: (Please provide copies of educational diplomas and certificates.)

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Employment References (Begin with the most recent. Use additional sheets if necessary.)

1. Employer ____________________________________________ Years \ Months Employed ____________

   Employer’s Address ____________________________________________

   City, State, Zip Code ____________________________________________

   Responsibilities: ____________________________________________

   ____________________________________________

   ____________________________________________

   Reference Name ____________________________________________ Job Title __________________________

   Phone # __________________________ Email __________________________

2. Employer ____________________________________________ Years \ Months Employed ____________

   Employer’s Address ____________________________________________

   City, State, Zip Code ____________________________________________

   Responsibilities: ____________________________________________

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   ____________________________________________

   Reference Name ____________________________________________ Job Title __________________________

   Phone # __________________________ Email __________________________

The applicant will be notified of their approved status following the verification of their experience. I hereby acknowledge the information that I have provided in this application is truthful and factual.

Signature: __________________________ Date: __________________________