



International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure

Membership Application for a Member Association

General

Full membership of the International Federation of Surveyors (FIG) is open to a national association representing one or more of the disciplines of surveying (see the following FIG definition of a surveyor) and whose members

- possess relevant academic qualifications (which should normally be equivalent to at least UNESCO International Standard Classification of Education (ISCED) level 5 degrees) plus approved professional experience; and
- who provide professional services in accordance with ethical standards.

Associations which include technician grades of membership are also eligible for membership of the Federation.

A group of surveyors or surveying organisation, comprised of individuals who practise the profession of surveying, which does not fulfil the criteria for membership as a member association can be admitted to join the Federation as an affiliate member. An affiliate may be admitted to membership where the discipline or disciplines it represents are not already represented within the Federation by a member association from the same country. The admission of an affiliate should normally be a step towards the development of an association which can eventually become a member association.

Each category of membership provides opportunities for establishing contact with the international surveying community and thereby assisting with the development of indigenous academic and professional training programmes, including CPD facilities, and the development of technical and professional standards.

Only member associations are entitled to vote at FIG's annual administrative meetings. An affiliate and other members may nominate a representative to attend as an observer. All FIG members receive copies of FIG publications, monthly e-Newsletters and the Annual Review; and are entitled to nominate one delegate to each of FIG's ten technical commissions. Participation to the Commission work is one of the most important benefits of membership of FIG. However these benefits only come about if those nominated as delegates participate in the work of the commissions and publicise the results within their own countries; and FIG has therefore published guidelines for its members and for their national commission delegates.

As from 1 January 2019 the annual fee payable by a member association is 4.80 € per member of the association for a calendar year. Minimum fee is 25 members or 50 € per member association and maximum fee 5,500 members (26,400 €). Member associations from the poorest countries (countries listed by the World Bank as low-income economies or lower-middle-income economies) shall pay 2.40 € per member up to a maximum of 5,500 members in 2019.

An association wishing to apply for full membership should complete the relevant application form and return it to the Council. Applications are assessed first by the Council, which decides whether to recommend them for approval by the General Assembly.

In the case of an application received from an association in a country which already has one or more member associations, these associations shall be informed of the application and their comments sought.

FIG DEFINITION OF SURVEYOR

A surveyor is a professional person with the academic qualifications and technical expertise to practise the science of measurement; to assemble and assess land and geographic related information; to use that information for the purpose of planning and implementing the efficient administration of the land, the sea and structures thereon; and to instigate the advancement and development of such practices.

Practice of the surveyor's profession may involve one or more of the following activities which may occur either on, above or below the surface of the land or the sea and may be carried out in association with other professionals.

1. The determination of the size and shape of the earth and the measurement of all data needed to define the size, position, shape and contour of any part of the earth.
2. The positioning of objects in space and the positioning and monitoring of physical features, structures and engineering works on, above or below the surface of the earth.
3. The determination of the position of the boundaries of public or private land, including national and international boundaries, and the registration of those lands with the appropriate authorities.
4. The design, establishment and administration of land and geographic information systems and the collection, storage, analysis and management of data within those systems.
5. The study of the natural and social environment, the measurement of land and marine resources and the use of the data in the planning of development in urban, rural and regional areas.
6. The planning, development and redevelopment of property, whether urban or rural and whether land or buildings.
7. The assessment of value and the management of property, whether urban or rural and whether land or buildings.
8. The planning, measurement and management of construction works, including the estimation of costs.
9. The production of plans, maps, files, charts and reports.

In the application of the foregoing activities surveyors take into account the relevant legal, economic, environmental and social aspects affecting each project.

FIG MEMBERS AND THEIR COMMISSION DELEGATES

The purpose of these guidelines is to help ensure that the full benefits of FIG membership are passed down to all the individual members of associations or other organisations that are members of the Federation.

To ensure that these individual members are kept fully informed of and input where necessary to the work of FIG and its commissions, FIG recommends that

- FIG members should support, or encourage others to support, the attendance of national commission delegates at annual FIG working weeks (including annual commission delegate meetings and technical symposia) and other symposia organised by the commissions
- FIG members and their national commission delegates should consider establishing networks within their countries to communicate information and obtain feedback
- national commission delegates should be actively involved in commission activities, including responding to questionnaires or correspondence and identifying topics and authors of papers for commission symposia and FIG congresses
- FIG members should seek and encourage funding support to enable national commission delegates to attend FIG activities, including commission meetings

National commission delegates should write at least one annual report for publication in a local newsletter or technical journal or for dissemination by some other means to individual members of their association or organisation.

International Federation of Surveyors
Application form for Membership as a Member Association

(PDF: double click to insert text)

1. Name of association:
in own language American Association for Geodetic Surveying

in English (if different from above)
.....

2. Address: .. 5119 Pegasus Court, Suite Q

Frederick, MD 21704, USA

3. Telephone no: .. (240) 632-8943

4. Fax no: .. (240) 632-1321

e-mail address: AAGS has no email address of its own. However, you can always contact us through our officers and Board of Directors, whose contact information is on our webpage

My email is Thomas.meyer@uconn.edu

Home page address: . www.aagsmo.org

Logo (please attach a high resolution logo of the association as .jpg file or add the link):



6. Name of President: .Thomas H Meyer (2019)

7. Administration:

Is the above address the address of the permanent office of the association? YES If so, please state the name of the chief executive and the number of any other permanent staff members.

.....AAGS does not have any employees

8. Date of formation of association: .. 1981

9. Objectives and ethics:

Please summarise on a separate sheet the objectives of the association and state whether it enforces disciplinary procedures; and enclose a copy of its constitution and rules (including, where applicable, its code of conduct).

See attached. These are put forth in our Constitution and Bylaws.

10. Routes of entry to membership:

Please provide the following information on a separate sheet

Let me preface your questions below with the following comment. AAGS's main role is one of providing education about geodesy and geodetic surveying, and we have a membership category for anyone – anyone – who is interested enough to apply for membership. We have GIS people, photogrammetrists, land surveyors, geodesists, and others. However, our *full membership* category is for practising professionals, which includes GIS professionals, and your questions below pertain to them (and the AAGS *Fellows*, of course).

1. The title held by qualified members of the association;
 - o Professional Land Surveyor (this title can vary from State to State) and/or
 - o Master's or PhD in geodesy or related fields
2. The level of academic qualification required to obtain the title;
 - o PLS requires an examination in all States. In some States, a four-year degree is required, nothing higher.
3. Whether academic training programmes to this level are available in your country (if not, please state how and where members obtain their academic training);
 - o Yes, both for licensure and for the academic route
4. What approved professional experience is required on completion of academic training and prior to acquisition of the title;
 - o For the academics: none. For licensure it varies State to State, but 4 yrs–9 yrs is fairly common. See addendum at the end of this document for an example from Connecticut.
5. What are the requirements for continuing professional development and is this mandatory or voluntary;
 - o It varies State to State. It is voluntary in some States and mandatory in others. New York is mandatory but next-door Connecticut is voluntary. Louisiana requires 15 Professional Development Hours per annum, for example
6. If the association also admits technician or sub-professional members and, if so, the qualifications required for entry to this grade of membership.
 - o Enough interest to apply for membership. Everyone is welcome.

11. Members. AAGS does not collect this information

No. of holders the title:

> qualified
 > qualifying

No. of technician or sub-professional members:

> qualified
 > qualifying

12. Specialisations. AAGS does not collect this information

% of qualified members whose principal specialisation is:

Hydrography%
Positioning/measurement%
Engineering surveys%
Cadastral/land management%
Spatial planning/development%
Valuation/real estate management%
Construction cost management%

13. Statutory recognition

Is the association constituted by statute? . . .No

Please list on a separate sheet those activities undertaken by your members which are regulated by statute and state whether any or all of these can be performed only by members of your association. If not, please state who else can acquire the title to perform any of the activities.

14. Employment. AAGS does not collect this information

% of qualified members:

Self-employed and employed in private practice	%
Teaching	%
Employed by government	%
Employed in the commercial or other sectors	%

16. Services to members

Does the association publish a journal. YES (if so, please state title and frequency)

. . . *Surveying and Land Information Science*, twice yearly at the moment
.....

AAGS has an educational video series and webinars that are available to all members without charge.

We are developing a *geodetic certification* in hopes of establishing it as part of the suite of recognized credentials expected of a practising professional

AAGS participates in many national and international organizations to promote the goals of the organization and the profession

AAGS provides consulting expertise to various part of the US Government upon request, likewise to State Surveying Societies, affiliated organizations, and others.
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Please list on a separate sheet any other services that the association provides for its members.

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Please send or email to FIG office: International Federation of Surveyors, Kalvebod Brygge 31-33, DK-1780 Copenhagen V, DENMARK, E-mail: FIG@fig.net, tel. + 45 3886 1081

Addendum From the Regulations of CT State Agencies Sec. 20-300-3:

(b) Land surveyor.

(1) Class 5. The applicant shall be a graduate of a school or college approved by the board as of satisfactory standing, including the completion of an approved course*** in surveying, shall have a specific record of an additional three years of experience in land surveying, which shall be of a character satisfactory to the board and shall be deemed satisfactory experience when approximately 50% of the minimum required time is derived from property line surveying divided approximately equally between office and field experience and shall have passed a two-part written examination prescribed by the board. The first part of the examination shall test the applicant's knowledge of the fundamentals of land surveying and the second part shall test the applicant's knowledge of the procedures pertaining thereto. The first part and one-half of the second part of the written examination shall be the land surveyor examination provided to the board by the National Council of Examiners for Engineering and Surveying NCEES. The remaining half of the second part of the written examination isbe divided into a 3 hour section provided to the board by the NCEES and will be referred to as the Colonial Section and a one hour section prepared for the board by an authorized testing firm or by a committee of licensed land surveyors selected and approved by the board, and shall test the applicant's knowledge of Connecticut land surveying procedures and laws.

The three years additional experience shall be in a responsible, decision-making position normally under the direct supervision of a licensed land surveyor. Position as a party chief is not necessarily acceptable.

(2) Class 6. The applicant shall be a nongraduate with nine years or more of experience in surveying work at least three of which shall have been in land surveying and which shall be of a character satisfactory to the board and which shall indicate knowledge, skill and education approximating that attained through completion of an approved course in surveying and shall have passed a written examination as described in Class 5.

(A) The nine years of experience shall consist of the following:

(i) A minimum of three years experience shall be in a responsible decision-making position normally under the direct supervision of a licensed land surveyor, and a

(ii) Minimum of three years as a party chief.

(iii) Experience below the level of party chief may only be credited to the following extent: a maximum of two years in a position known as "instrument man," and a maximum of one year in a position known as "rodman."

(B) In lieu of the above, an applicant who has completed any of the following education programs related to surveying requires the following minimum experience in acceptable surveying work and the passing of the examination as described in Class 5.

	Education	Minimum Experience Required
1.	Four-year degree**** (civil engineering major)	4 years—1 year party chief and 3 years supervisory as defined in (i) above
2.	Two-year degree (surveying major)	5 years—2 years party chief and 3 years supervisory as defined in (i) above
3.	Two-year degree (civil technology major)	6 years—3 years party chief (maximum of 1 year as instrument man may be substituted) and 3 years supervisory as defined in (i) above

(3) Class 7. The applicant shall be a graduate or nongraduate who submits a specific record of sixteen years or more of experience in surveying work, at least ten of which shall have been in land surveying. The applicant shall pass the examination as described in Class 5, but the board may waive the first part of the examination if the experience record is of a character satisfactory to the board. The record shall indicate that the applicant has been competent to be in responsible charge of his work.

(A) The sixteen years of experience shall consist of the following:

(i) A minimum of ten years experience shall be in a responsible, decision-making position normally under the direct supervision of a licensed land surveyor, and

(ii) A minimum of three years as a party chief.

(iii) Experience below the level of party chief may only be credited to the following extent: A maximum of two years as an "instrument man," and a maximum of one year as a "rodman."

(4) Class 8. The applicant shall hold a license, certificate of qualification or registration issued by a proper authority of any state or territory or possession of the United States, or any country, provided the requirements for registration of land surveyors under which such license, certificate of qualification or registration was issued shall not conflict with the statutory provisions pertaining to and shall be of a standard not lower than the requirements for licensure of land surveyors in the State of Connecticut

and shall have passed that portion of the written examination as described in Class 5 which is specific to Connecticut practice.

(5) General requirements for Classes 5, 6, 7, and 8.

(A) A maximum of one-year experience credit will be given for any one calendar year.

(B) Part-time surveying work will not be considered equal in time to full-time work. A maximum of fifty percent (50%) credit will be given for part-time surveying work.

(C) Military surveying work will not necessarily be considered equal in time to civilian work.

(D) Where application shows commingled experience in both engineering and land surveying, a breakdown shall be provided on the application form to show time in each discipline.

(E) The applicant shall indicate the name and license number of the land surveyor whose direct supervision he worked under when in a responsible, decision-making position.