

DRAFT COPY

SEG GLOBAL MEMBER QUESTIONNAIRE – RESULTS

GAC- May 3, 2007

Tallied by Pamela Terekhova (percentages are rounded)

Respondents – 135 from 26 countries -(75% from China, Egypt, India, Indonesia and Nigeria)

Albania - .7%; Algeria – 3%; Angola - 2%; Brazil – 1.5%; Cameroon - .7%; China – 16%; Colombia – 1.5%; Egypt – 5%; Ethiopia - .7%; Georgia - .7%; Ghana - .7%; India – 12%; Indonesia – 12%; Mozambique - .7%; Myanmar - .7%; Nigeria – 30%; Pakistan - .7%; Philippines – 1.5%; Romania – 3%; Serbia – 1.5%; Tanzania – 1.5%; Thailand .7%;Uganda - .7%; Ukraine – 3%; US - .7%; Vietnam - .7%

Titles of Respondents: Assistant Director; CEO; Chief Editor; Data Management Engineer; Dean; Director; Department Manager; Engineer (2); Engineering Geophysicist (3); General Manager; Geophysics Project Member; Geophysicists (29) including Senior and Chiefs; Geologist (7); Geoscientist (4); Head of Department (3); Lecturer (4); Manager Geophysicist; Management Coordinator; Operations Manager; Processing Supervisor; Professor (10); Project Manager; Senior Engineer; Senior Project Leader; Student (6); Teacher (2); (no title for 37%)

1. How do you describe your job? (Choose one)

- Service Company - (23) (17%)**
- Education/Students (34) (25%)**
- Consultant (3) (2%)
- Research (23) (17%)
- Oil and/or Gas Company (32) (24%)**
- State Oil Company (14) (10%)
- Other: (6) (4%) not employed; not specified; mining; national service; marketing

2. What are your professional interests? (check all that apply-most applicants chose more than one)

Oil and Gas Exploration (62); Data Processing (53); 3D Interpretation & Visualization (46); Reflection Seismology (26); Field Data Acquisition (26); Gravity, Magnetics and Potential Fields (25); Groundwater and Hydrology (19); Environmental Sciences (19); Survey Planning and Design (17); Minerals and Coal (11); Remote Sensing (10); Industry Regulation (4);

Others: Formation Evaluation (2); Seismology/Earthquakes (1); Passive Source Seismology (1); Geophysical Engineering for Geotechnical Problems (1); Geophysical Inversion (1) Electromagnetic and Magnetotellurics (1); Surface Geochemical Prospecting (1); Rock Physics (1); Did not respond (1)

3. Are you a member of the following organizations: (check all that apply)

AAPG (16) (11%); SPE (7%);EAGE (3%) – Non Listed – (24%)

LOCAL SOCIETIES (some checked more than one – listed alphabetically)

(1) AGMM; (1) AEG-India; (1) AGU; (1) AIME-SME Philippine Section; (1) Albanian Geophysical Society;(1) Albanian Assoc of Geoscientists and Engineers;(1)Angola local society; (1)APG-India; (1) Balkan Geophysical Society; (1) CPS;(1) Chinese Geological Academician (1) COMEG; (1) DGS in Saudi Arabia; (1) EEGS;(1) Egyptian Geophysical Society; (1) Ethiopian Physics Society; (1) GNSE; (1) Geophysical Association of Nigeria; (1) Geological Society of Philippines; (1) Georgian Geophysical Society; (1) Ghana Institute of Geoscientists; (1) GSA; (6) HAGI; (5) IPA; (1) NCS; (2) Nigerian Institute of Physics; (7) Nigeria Mining and Geoscience Society (7) NAPE, Nigeria Assoc. of Petrol Explorationists; (1) Nigerian Society of Engineers; (1) Romania Engineering Soc.; (1) Romanian Society of Geophysics; (1) SBGf; (1) SGfA; (1) SPE-local; (1) Science Teachers Association in Nigers – STAN); (3) SPG-India; (1) Tanzania Geological Society; (1) Ukrainian Oil and Gas Academy

4. List the benefits that your SEG Global membership provides you with and your value of these benefits (3 being the best, 2 of some value, 1 of little value):

(Please note that some respondents ranked some of the benefits and not others so the distribution is uneven.)

- **TLE/Geophysics: #1 – 14 responses; #2 – 15 responses; #3 –71 responses; no response – 3**
- **Books: #1 – 20 responses; #2 – 30 responses; #3 – 36 responses; no response – 17**
- **Career Training/Continuing Education: #1 – 26 responses; #2 – 27 responses; #3 – 36 responses; no response – 18**
- **Job Opportunities: #1 – 44 responses; #2 – 16 responses; #3 – 20 responses; no response – 22**
- **Networking with other geoscientists: #1 – 23 responses; #2 – 26 responses; #3 – 40 responses; and no response –14**
- **Attending conferences and workshops: #1 – 24 responses; #2 - 27 responses; #3 – 34 responses; and no response –18**
- **Being a member of a committee: #1 – 30 responses; #2 – 22 responses; #3 – 22 response; and no response – 29**
- **Holding a leadership position in the SEG: #1- 45 responses; #2 – 9 responses; #3 – 10 responses and no response-- 39**

Responded only to TLE being a #3 – 13 responses

No response to entire section -22

5. What additional benefits and opportunities would you like to see SEG offer to you as a Global Member:

(26% did not respond; .6% did not know; 5% are satisfied with benefits received – the rest responded with comments which have been condensed below)

Publication Comments: we hope to be able to buy SEG publications and books at more of a discounted rate such as students (8 comments); on-line access to new books in geophysics (5 comments); hard copies of TLE and Geophysics (10 comments); better access to journals and books (3 comments)

Continuing Education/Career Training: on-line continuing education program; sponsorship for attending courses and workshops (8) ; download latest thesis and reports on Geophysics from the website; sponsorship of career training; conducting more courses in India where geophysicists may not have access for the courses conducted elsewhere; on-line correspondence training on relevant geophysical spectrums; information on the trends of events in the field; to be able to access other sites and reduced rate in training programs

Jobs: SEG should provide international job profiles and opportunities (8); SEG link members up with available job opportunities(6); sponsorship to attend conferences to meet recruiters from many companies; Job opportunities and travel grants (5 comments)

Conferences and Meetings: there should be local meetings in third world countries (7); more short courses, workshops and conferences held in Africa and Nigeria (4 comments); travel grants and sponsorship (not just to students) for annual meeting and other workshops (5 comments); networking with geoscientists worldwide;

Software Available: provision of workable geophysical software and equipment grant like terameter and SAS log or any good resistivity meter (3 comments)

Committee/Leadership: members should be made to handle positions in the society so as to incorporate their own ideas into the running of the association to ensure equality; working with other student section members and executive officers for regional growth, networking with industrial professionals for the growth of SEG in Africa (particularly in Nigeria) being a member of a committee and holding a big development position in SEG world wide and ensuring that SEG grow not only in Africa but globally

Data Base: create a data base for any geophysical activities around the world

Membership: Assistance in payment of dues as a fresh graduate without a job; free service membership

Chat Room for Geophysicists: SEG committee can set up a geophysical forum (like internet chat room) for geophysicist to exchange knowledge worldwide (3 comments); be able to talk with famous and senior geophysicists and share knowledge (3 comments).

Scholarships: funds for Masters studies in petroleum geophysics – scholarships (5 comments)

Offices: to create an office within my locality (Nigeria) where easy and more communication can co-exist between the global members, student and active and associate members through the SEG GAC committee.

6. Do you perceive the Global membership as being a "second class" or lesser status of membership? If yes, why?

Yes – 22 responses (16%)

Comments: Second class because we don't have access to hard copy journals, less facilities, less access to SEG library, because one is not actively involved in the participation; because members are not afforded all the benefits of the association; I don't receive what active and associate members receive; because it classifies benefits based on membership types; because we don't get the benefits of SEG

No idea – 4 responses (3%)

No – 86 responses (64%)

Comments: the membership dues are less so the benefits are little but ok; no, it is how a member participates in an organization that determines his class; it is the best society in the world I have ever trusted and enjoyed; it is the starting point.

No responses – 23 (16%)

7. Do you understand the benefits of transferring your membership status to associate or active?

No – 32 response (24%) (need further explanation)

Comments: I don't understand the benefits for each level but want to change, do not understand what benefit is really my interest

Yes – 85 response (63%) (I understand membership process)

I plan to change to active as soon as possible; I plan to change status in near future, I plan to change status if I can pay my dues from Nigeria/Indonesia (3); I plan to change if I can get a job (3)

No response – 18 (13%)

Do you plan to change your membership status to associate or active in the future? (second part of the question)

No – 23 responses (17%)

Comments: cannot afford it; cannot get money to SEG; do not have a job; I was active but could not get money to SEG; cost of sending money is too high; I only want on-line access

Maybe – 22 responses (16%)

Yes – 20 responses (15%)

Comments: want more benefits so will change to active or associate if I can get money to the SEG; as soon as I get a job; if my company will pay it; SEG global member should be given the opportunity to transfer to active or associate with a very small fee

No response – 70 (52%)

8. Is it difficult to send money to the SEG for membership dues, payment of books, etc.? Why?

Cost of membership is too high for my country (US\$10) – 27 responses (20%)

Inability to send currency without high bank wire transfer fees – 36 responses (27%)

Both of the above - 10 responses (7%)

No problem: 11 responses (8%)

Comments: I don't think there is a problem because my company pays it or SEG pays it

Other: - 19 responses (14%)

Comments: getting credit card is very difficult (6); bank problems in sending money internationally (6); I don't have a job (4); my company should pay this (2)

No response – 32 (22%)

9. Currently only Active Members have voting rights in the SEG. How important is full-member voting rights to you (on a scale of 1 to 5 with five being very important)?

1 - 22 responses (16%)

2 – 13 responses (10%)

3 – 47 responses (35%)

4 – 16 responses (12%)

5 – 29 responses (21%)

No response – 8 (6%)

10. Do you plan on renewing your Global Membership next year if the \$5.00 renewal fee is not covered by a sponsor? If no, why?

Yes – 80 responses (50%)

Comments following the yes included: this would be inconvenient; do not know how to accomplish this; if the company would pay then yes; I would rather have SEG pay it

No – 30 responses (22%)

Maybe – 19 responses (14%)

Comments followed the no and maybe: may upgrade, can't afford it, have to pay transfer fee, have no job, no benefits from SEG, inconvenient, only if I can pay five years in advance, how can I send you money?

No response: 6 (4%)

11. How often do you visit the SEG Web site (<http://www.seg.org>)?

Daily – 21 responses (16%)
Often – every week – 43 responses (32%)
Sometimes – every month – 47 responses (35%)
Rarely – a couple times a year – 11 responses (8%)
Never – 1 response (.7%)

No response - 12 responses (8%)

12. Do you share the information you receive from the SEG with other geophysicists in your area/country? Yes No

Yes! 112 (83%) No! 16 (12%) Did not respond – 7 (5%)

If you think they can benefit from membership in the SEG, please send us a list of names and e-mails of colleagues who can be contacted by the SEG.

**Please note that we were sent approximately 100 new names and e-mails which will be forwarded on to SEG membership department of potential new members.

13. Have you ever attended an SEG Distinguished Lecture or Regional Lecture presentation? When? Was it of value to you?

Yes, I have attended some SEG course: 26 responses (19%)

Comment about DISC:

Yes, I have received DISC by e-mail it was very beneficial for me because when I read these presentations I enriched my knowledge in geophysics concerning new technology (processing, interpretation, seismic acquisition)

Courses Attended by Applicants:

Romanian meetings in 2000 and 2005 – very valuable to me; in 2003 and 2004; Bandung, Indonesia April 2003 – Geostatistics for Seismic Data Integration in Earth Models – it was very good lecture and topics; (China)- held in 2005; 2006 New Orleans annual meeting, it was of value to me; 2003 DISC Geostatistics in Bandung – it was very good and gave us valuable info on new technology; 2003 Dallas meeting – of great value; April 18, 2007 by Biondi in Singapore; Seismic Anisotropy by Leon Thompsen – June 2006 in Jakarta – the course gave me a chance to hear and share knowledge and problems with other people from various companies and background; 3D Seismic attributes, Kurt Marfurt /Egypt; Beijing 2005 – it is valuable to me; many years ago (2); early this month (where is not stated) – it is helpful to my studies in geology;

No, I haven't attended (but most said they wish they could but had no opportunity or ability to pay) – 97 responses (72%)

Comments about not attending courses:

Never happens in Thailand; no opportunity for me; SEG will not come to Nigeria for such a lecture and it is too bad (3); No I really love to attend however due to logistics,

location, cost, I have never attended; I hope it can be made available online and real time; too expensive to travel to (5)

Did not respond – 12 (8%)

14. Do you work with university students in the geosciences? How can SEG better communicate with these students about membership, travel grants, and scholarship programs offered?

Yes, I work with students – 75 responses (55%)

No, I don't work with students – 55 responses (41%)

No response – 5 (3.7%)

Ideas/comments for strengthening and communicating with students around the world:

- (1) Grants and Scholarships are needed – information should be sent to all universities (5 comments)
- (2) More contact needed with professors and student advisors (4 comments)
- (3) Help create workshops and continuing education seminars for students at their university (3 comments)
- (4) Keep paying for student members since students in third world countries cannot afford it (4 comments) – but many students do not know about this opportunity
- (5) Send posters or advertisements to professors to distribute to students
- (6) SEG is doing a good job in Romania
- (7) Send lecturers to universities to spread the word about SEG and give professors information to distribute (3 comments)
- (8) Communicate with student leaders through e-mails
- (9) Student sections in Nigeria need more support from SEG and to send regional lecturer and more printed materials and books for students (5 comments)
- (10) Finance students to travel to annual meetings and other continuing education seminars (3 comments)
- (11) Create link with lecturers and universities.
- (12) Utilize global members and others to work with students and teach them about the SEG
- (13) Donate books to universities every year (3 comments)
- (14) Should write all students (through e-mail) about grants and they should donate books (6 comments)
- (15) More phone contacts and faster postal system.
- (16) Writing letters to the Head of the dept of concerned Universities and sending SEG regional/global activities info from time to time to support University Students.
- (17) SEG can appoint people who work at universities to become their university assistant or contact person. SEG can give the info about service for students through these people.
- (18) Help students by providing job interviews and opportunities (5 comments)
- (19) Free membership for students and job opportunities in the country where they live
- (20) Visit locally and have active field representative and local offices (3 comments)
- (21) Free membership, more travel grants and scholarships and funding of research works and humanitarian works for the third world countries (5 comments)
- (22) Students are all interested in traveling to any company dealing with geophysical activities but they cannot get funds.
- (23) Send technical lecturers to introduce students to SEG

Note: most of the global members working with students said that they would help distribute information if materials were sent to them.