

SEG-GAC Report

The Netherlands

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Country Representatives:

Gerard Herman

Barbara Cox

Survey of the SEG in The Netherlands

The Goals

In January 2006, the SEG-GAC has appointed its first Country representatives in The Netherlands. As there have not been any predecessors in this role and there is no information available on the relation between the SEG and its members in the Netherlands, we have decided to acquire this information via a questionnaire. In this questionnaire we would like to find out:

1. What the members consider to be the most important role of the SEG
2. How the members rank the performance of the SEG
3. If the members are interested in starting/participating a SEG (Student) Section in the Netherlands. (At this moment there are no SEG Sections in The Netherlands).
4. How the members compare the SEG and EAGE

This online questionnaire has been sent to the 196 SEG members in The Netherlands, 54 members replied. The detailed result is shown in the Appendix.

The Results

The results can be summarized as follows:

1. Role SEG:
Technical Papers (GEOPHYSICS and TLE) and Electronic Archive score high. This is not unexpected since many Dutch SEG members will not be able to attend many SEG conferences and workshops. SEG Foundation does not score high (it is not very visible or known here).
2. Performance SEG
Overall, the SEG is performing very well. Foundation is lower (see above). Apparently SEG is not seen as a way to find a new job. The members have some suggestions how they can be served better, like more focus on regions outside the US, reduction of workshop fees, introducing fellowships in SEG, etc. (please see attachment).
3. Participation in SEG (Student) Section
Only 54% of the members are aware of the possibility to create a SEG (student) section, and only 22% of the members are interested in participating in such a section. Multiple respondents mention the interest in a student section.
4. Comparison SEG/EAGE
80% of the SEG members in The Netherlands are also member of the EAGE. Their comparison between the SEG and the EAGE results in the following:
 - a. Generally,
SEG scores higher than EAGE (Bookstore, electronic archive, GEOPHYSICS). Exception is First Break that scores a little higher than TLE. Apparently, neither the SEG nor the EAGE are famous for handing out Scholarships, being an intermediary for employment, or promoting the profession.
Besides, it is mentioned that the SEG and EAGE should collaborate more, and it was even suggested that both societies could merge.
 - b. With respect to the Annual Meetings SEG/EAGE
The location of EAGE meetings is much better appreciated; EAGE poster sessions also. SEG oral sessions and the SEG exhibition are better appreciated. It is mentioned multiple times that the SEG is too much oriented towards the USA.

Universities and Companies in The Netherlands

List potential universities to be added to SEG Scholarship mailing list or for potential student sections

- Utrecht University
Faculty of Geosciences
Budapestlaan 4
3584 CD, Utrecht
The Netherlands
<http://www.geo.uu.nl>
Contact person: Dr. Kabir RoyChowdhury
Phone: +31 (0)30 253 5133
Email : kabir@geo.uu.nl
- Delft University
Department of Geotechnology
Mijnbouwstraat 120
2628 RX, Delft
The Netherlands
<http://www.ta.tudelft.nl>
Contact person: Prof. Wapenaar
Phone: +31 (0)15 27 82848
E-mail: C.P.A.Wapenaar@citg.tudelft.nl

List potential companies in your country that might sponsor SEG activities or newly emerging companies that may wish to be an exhibitor in the International Showcase

ARGO	http://www.argo-geoscience.com	Zeist
De Groot Bril	http://www.dgb-group.com	Enschede
Fugro	http://www.fugro.com	Leidschendam
GeoResources	http://www.geo-resources.com	Rotterdam
NAM	http://www.nam.nl	Assen
Panterra	http://www.panterra.nl	Leiderdorp
Shell	http://www.shell.com	The Hague
TNO-NITG	http://www.nitg.tno.nl	Utrecht

Country Statistics

SEG membership

Membership type	Number
Active members	58
Associate members	105
Emeritus	3
Honorary	2
Student members	28
Total number of SEG members	196

Name(s) of SEG members receiving an SEG award in the last 10 years

Prof. Dr. A.J.Berkhout	Maurice Ewing medal	2003
Paul van Riel	Cecil Green Enterprise award	2003
Eric Verschuur	J. Clarence Karcher Award	1997
Laboratory of Seismics & Acoustics Delft University	Distinguished Achievement Award	2001
Gijs J.O. Vermeer	Honorable Mention Geophysics	1998
Klaas Koster et al.	Best Paper TLE	2000
Deyan Draganov	Best Poster	2003
Robbert van Vossen	Award of Merit	2003

SEG Sections

None

SEG Student Sections

None

A list of Oil and service companies doing business in The Netherlands

ARGO	http://www.argo-geoscience.com	Zeist
De Groot Bril	http://www.dgb-group.com	Enschede
Fugro	http://www.fugro.com	Leidschendam
GeoResources	http://www.geo-resources.com	Rotterdam
NAM	http://www.nam.nl	Assen
Panterra	http://www.panterra.nl	Leiderdorp
Shell	http://www.shell.com	The Hague
TNO-NITG	http://www.nitg.tno.nl	Utrecht

Other geophysical societies

EAGE <http://www.eage.nl>
Acoustical Society of the Netherlands <http://www.nag-acoustics.nl>

Research Schools

- Netherlands Research Centre for Integrated Solid Earth Science (ISES)
Faculty of Earth and Life sciences
De Boelelaan 1085
1081 HV, Amsterdam
<http://www.ises.nu>

Universities with geosciences programs

- Utrecht University
Faculty of Geosciences
Budapestlaan 4
3584 CD, Utrecht
The Netherlands
<http://www.geo.uu.nl>
- Delft University
Department of Geotechnology
Mijnbouwstraat 120
2628 RX, Delft
The Netherlands
<http://www.ta.tudelft.nl>
- Vrije Universiteit Amsterdam
Faculty of Earth and Life sciences
De Boelelaan 1085
1081 HV, Amsterdam
<http://www.falw.vu.nl>

Estimate) Number of geophysicists graduating per year

10

Estimated Number of geophysicists working in the country

300

Geophysical challenges for country

- Mainly related to production of oil and gas:
 - Enhanced Oil recovery offshore (mature fields in the North Sea) and onshore (mature Gas fields in Groningen)
 - Advanced Exploration in the North Sea
- Natural seismological activity (earthquakes) in the south of the Netherlands.
- Seismological activity related to production of hydrocarbons

Other statistics

Is Web Access readily available for students and/or working geophysicists: yes

SEG continuing education programming (in the last five years) – SEG office will provide

Accepted authors for SEG annual meeting (last three years) – SEG will provide

Conferences sponsored by SEG held in this country (in the last five years)– SEG will provide

Appendix: Result of the SEG in The Netherlands Survey

1. What do you consider to be the most important role of the SEG?

Total Respondents 54

	1	2	3	4	5	NA	Average
Annual conferences	0% (0)	0% (0)	7% (4)	41% (22)	48% (26)	4% (2)	4.42
Workshops / Courses	0% (0)	0% (0)	17% (9)	57% (31)	26% (14)	0% (0)	4.09
Technical Papers (Geoph/TLE)	0% (0)	0% (0)	4% (2)	17% (9)	80% (43)	0% (0)	4.76
Bookstore	2% (1)	9% (5)	30% (16)	45% (24)	11% (6)	2% (1)	3.56
Electronic Archive	2% (1)	0% (0)	6% (3)	37% (20)	56% (30)	0% (0)	4.44
SEG Foundation / Scholarships	2% (1)	22% (12)	41% (22)	24% (13)	9% (5)	2% (1)	3.17
Intermediary for Employment	15% (8)	28% (15)	37% (20)	15% (8)	6% (3)	0% (0)	2.69

2. How well is the SEG fulfilling this role?

Total Respondents 51

	1	2	3	4	5	NA	Average
Annual conferences	0% (0)	0% (0)	0% (0)	37% (19)	51% (26)	12% (6)	4.58
Workshops / Courses	0% (0)	0% (0)	6% (3)	48% (24)	30% (15)	16% (8)	4.29
Geophysics	0% (0)	0% (0)	4% (2)	51% (26)	41% (21)	4% (2)	4.39
The Leading Edge	0% (0)	2% (1)	6% (3)	39% (20)	49% (25)	4% (2)	4.41
Bookstore	0% (0)	4% (2)	20% (10)	53% (27)	10% (5)	14% (7)	3.80
Electronic Archive	0% (0)	0% (0)	14% (7)	38% (19)	42% (21)	6% (3)	4.30
SEG Foundation / Scholarships	0% (0)	6% (3)	16% (8)	24% (12)	0% (0)	55% (28)	3.39
Intermediary for Employment	0% (0)	8% (4)	18% (9)	10% (5)	0% (0)	64% (32)	3.06
The way the SEG serves its members	0% (0)	0% (0)	14% (7)	66% (33)	8% (4)	12% (6)	3.93
The way the SEG promotes the profession	0% (0)	4% (2)	24% (12)	50% (25)	10% (5)	12% (6)	3.75

3. *What can the SEG do to serve its members better?*

Total Respondents 15

1. Make a clearer link with the seismological community
2. Active local chapters. For example, I am not aware of an SEG-Netherlands chapter organizing monthly meetings, lectures etcetera. It might be there, then the communication (at least for me) is not adequate. It is not there, this might be an idea.
3. More tutorials In Geophysics and TLE
4. Keep up the good work
5. more focus on Europe and other regions outside the US
6. I'm happy as it is. Try to keep summer workshop fees - not attached to the annual meeting - as low as possible, especially for students
7. By keeping the electronic archives open
8. The SEG should endeavor to offer its C.E. program through Dutch universities in the same manner as is offered in the U.S.A. and Canada.
9. Make the workshops/courses cheaper, especially for students who like to attend
10. In the above I missed the column "dunno"
11. I would like to see some sort of official charter like engineers have which would declare that one had reached a certain level in geophysics. My Father was a Fellow of the Institute of Electrical Engineers. As far as I am aware I cannot become a Fellow of the SEG
12. Keep focus on the geophysical discipline; do not spend energy in things like intermediary for employment etc.
13. Mingle in publishing for University educational purposes.
14. Check on postal rates & times for Europe in the bookstore - and let the charges be in line with the postal rates
15. Annual meeting should address global exploration problems, current meeting is strongly biased towards Gulf of Mexico problems Foundation is not well known outside US

4. Are you aware of the possibility to create SEG (student/local) sections?

Total Respondents 50

	Response Percent	Response Total
Yes	54%	27
No	46%	23

5. Would you be interested in starting/participating in a SEG (student/local) section in The Netherlands?

Total Respondents 49

	Response Percent	Response Total
No	77.6%	38
Yes	22.4%	11

Yes, I would like to start/participate in a section that

1. that allowed Dutch members to participate more fully in the SEG
2. promotes contact between professionals by means of lectures and social events. Having been in the Delft Organization of Geophysics Students, I have seen the fun of doing so!
3. serves the students and the SEG.
4. focuses either on seismic acquisition/processing or on petroleum geology
5. I would if it is in cooperation/combination with the EAGE, to prevent isolating opportunities and to enhance each other qualities. Promotes Geophysics Brings the Geophysicists in NL together Invite/Exchange for Technical presentations
6. would serve the local membership, mainly with get-to-gethers.
7. promotes and facilitates the SEG C.E. program via universities.
8. really contributes to the promotion of the profession. Unfortunately I don't have that much time...
9. ... joins the Dutch geophysics students from Utrecht University and Delft University and other geophysically orientated academic groups elsewhere. Please contact me at b.b.s.a.vogelaar@tudelft.nl
10. Would promote the geophysical activities in The Netherlands (Offshore North Sea)
11. maybe, depends on location

6. Are you also a member of the EAGE?

Total Respondents 48

	Response Percent	Response Total
Yes	81.2%	39
No	18.8%	9

7. If you are also a member of the EAGE: we are interested to see how the members compare the SEG to the EAGE. Please, give your preference

	SEG	EAGE	N/A	Response Total
Bookstore	66% (25)	8% (3)	26% (10)	38
Electronic Archive	76% (29)	3% (1)	21% (8)	38
Scholarships	19% (7)	8% (3)	73% (27)	37
Geophysics / Geophysical Prospecting	71% (27)	8% (3)	21% (8)	38
TLE / First Break	32% (12)	42% (16)	26% (10)	38
Intermediary for Employment	5% (2)	13% (5)	82% (31)	38
Serving the members	24% (9)	24% (9)	53% (20)	38
Promoting the profession	37% (14)	18% (7)	45% (17)	38

8. And how do you compare the Annual Meetings of the SEG and the EAGE. Please, give your preference

	SEG	EAGE	N/A	Response Total
Location	9% (4)	82% (36)	9% (4)	44
Poster Sessions	7% (3)	33% (14)	60% (25)	42
Networking possibilities	41% (18)	30% (13)	30% (13)	44
Exhibition	59% (26)	11% (5)	30% (13)	44
Oral Presentations	47% (20)	12% (5)	42% (18)	43
Representative for world-wide exploration problems	43% (18)	24% (10)	33% (14)	42

9. Please, explain your preference

Total Respondents 25

1. SEG conference is really focused on geophysics EAGE poster sessions are very well organized, SEG poster sessions are not organized. Geophysical Prospecting allows more academic (scientific) type of papers (longer paper).
2. For I have never been at a SEG conference so far, I cannot make a proper comparison.
3. EAGE caters better for European professionals - the activities are more accessible
4. EAGE online services are very limited, whereas SEG online services are very broad (publications, DCI, dictionary, etc.) EAGE meeting usually is in a nicer location, which can stimulate networking. Poster sessions are set up to encourage strolling and networking, whereas poster session at the SEG meeting is not inviting and makes you want to get out of there a.s.a.p. More interesting oral presentations at SEG meeting.
5. SEG has, in general, superior facilities, but is too USA oriented. In general, new technologies need a worldwide forum, then SEG conferences are better. Though, problems often have a specific and local character where a more localized conference, such as EAGE for Europe in general, is more appropriate.
6. The locations of the EAGE annual meeting are much more enjoyable.
7. Smaller scale of EAGE conference is a distinct advantage
8. SEG so far too US-oriented in general
9. SEG has more international participation, EAGE nearer to home. N/A scored for those where I did not see a big difference
10. SEG meetings are always held in the US

11. The exhibition is usually larger at the SEG, but the European venues are nicer. Overall academic quality is the same, I think
12. SEG is larger, but most often in the US. Locations in Europe are obviously nicer.
13. SEG is bigger and the nr. 1 conference for us, also for networking. However, EAGE is smaller and less focused on the USA-related (Gulf of Mexico) expl. problems. Locations in Europe are generally nicer to visit. I hardly visit poster sessions at the SEG because they are often too far from the oral presentations and there are too many sessions, such that they drown in the mass. Because there are so many, the attendance is low. The EAGE has scheduled poster presentations that are generally well attended and can be visited without walking a mile.
14. Although the two organizations are similar, both are very Geographically oriented and therefore complementary. On the other hand I would prefer an that the org's are not fishing in each others pond
15. The EAGE has drifted away from geophysics in the course of time. It's very lopsided towards integration and forgets about the true geophysical profession. However, First Break is an excellent journal, even a little better in some respects than TLE, but I don't want to say FB is better than TLE, hence the N/A mark.
16. I attended the EAGE03 and SEG04. The SEG04 oral presentations were more apprehensible; the speakers I listened to had on average paid more attention to their presentation. But location-wise I preferred Stavanger over Colorado.
17. The EAGE annual meeting has a more cordial atmosphere. The SEG annual meeting is still too "Texas"-centric. It would help the SEG to diversify annual meeting location. Denver-Dallas-Houston-New Orleans-San Antonio is repetitive and boring. How about San Francisco? Chicago? Boston? New York? Miami? Los Angeles? A non-US local?
18. I could not compare most of the subjects, but I'm especially enthusiastic about the DISC's. For students it costs only 35 euros and the subject of the course is very well covered.
19. I know more people at EAGE conventions, hence have more networking possibilities. Some SEG networking possibilities are too commercial. The location of SEG conventions is in general better as EAGE still tends to please places without an oil industry (e.g. Helsinki).
20. Location: preference for EAGE --* conferences in Europe Poster Sessions usually get more audience at EAGE in my opinion Networking possibilities/Exhibition and Oral Presentations -- hardly any preference
21. Where do you want to go, Houston or Vienna? Easy choice, not? Or did you mean the actual conference sites? In that case, no pref.
22. Sorry, but it quite a shame to ask question 7 and 8 in this questionnaire, since in the accompanied email you want to find out "how the SEG members in The Netherlands feel about the SEG in general, and in particular about its operations in the Netherlands". It's my opinion that question 7 and 8 are not relevant to this information.
23. N/A in above answers means I rank them equal.
24. SEG Annual Meetings still are more US based whereas EAGE meetings are multi-national & outgrowing from being purely European
25. EAGE does not have the unwanted bias to GOM problems

10. *If you have any other comments, please let us know.*

Total Respondents 9

1. First of all, a very good initiative! Secondly, I think it is not good if SEG and EAGE try to compete in the Netherlands for 'market share' or status. I think they would both serve their members better by joining forces. Moreover, most professional geophysicist will likely be member of both societies...
2. Good thing about SEG: I have the feeling they listen to their members well. Keep up the good work. Last suggestion: once in a few years please go back to nice locations outside TX, e.g. San Francisco and Washington were great! And what about Las Vegas?
3. It is a good initiative. You have to prevent overload of organizations who want claim attentions of Geoscientist in the Netherlands. It may have a detrimental effect.
4. Good luck with finishing the process
5. SEG is not a political organization but an international scientific society. Consequently it should not restrict its members to have contacts with countries that are not approved by the US.
6. No top priorities. I prefer TLE above FB because it's more fun to read. More background, off-topic, funny things - just like 'real' magazines. And the real articles are usually better.
7. As mentioned before, you can contact me at b.b.s.a.vogelaar@tudelft.nl about starting up a SEG community for Dutch students.
8. Isn't it time to merge SEG and EAGE ?
9. I don't see the need to compare / compete with the EAGE. I would very much welcome it if joint chapters were set up