

A Brief Overview about

Society of Petroleum Engineers

By

Wathiq J. Mohammed, SPE, Senior Reservoir Engineer
Iraqi South Oil Company

Question

Do you work in the Oil &
Gas Industry?

If so, Think Big Benefits
with SPE.

Outline

- What is SPE?
- History of SPE
- Requirements
- Benefits
- Dues & Fees
- Demographics
- Sections

What is SPE?

- ✓ The Society of Petroleum Engineers (SPE) is the largest individual membership organization serving practically every type of professional working in the E&P segments of the worldwide oil and gas industry.
- ✓ SPE provides a global forum for the exchange of technology to meet the world's energy needs both today and in the future.

History of SPE

- ❖ In 1871, The American institute of Mining Engineers (AIME) is founded in Pennsylvania, USA, to advance the production of metals, minerals, and energy resources through the application of engineering.
- ❖ In 1913, A standing committee on oil and gas is created within AIME.
- ❖ In 1957, The Society of Petroleum Engineers is officially founded as a constituent society of AIME.
- ❖ SPE a separately incorporated organization.

Membership Requirements

- ❖ Although engineers are the core of SPE's membership, not all SPE members are engineers.
- ❖ Solving the industry's challenges requires a multidisciplinary effort, and SPE is a place for all of today's industry professionals, regardless of experience or course of study.
- ❖ Facilities, management, information technology, environmental, and safety issues are all part of the resources needed to expand and deliver the supply of oil and natural gas the world needs. All those who work in these areas will find a home in SPE.

Membership Requirements

SPE members include

- ❖ IT professionals
- ❖ Geoscientists
- ❖ Executives
- ❖ Researchers
- ❖ Professors
- ❖ Students
- ❖ All kinds of professionals in the oil and gas industry

Membership Benefits

- ❑ Membership in SPE is an investment in technology. It's an investment in the future of the industry. And most importantly, it's an investment in your career.
- ❑ The benefits and rewards of membership are immediate; the connection to resources is instantaneous. Nowhere else can you get these benefits.

Professional Membership Benefits

- ✧ A membership of more than 92,000 in 115+ countries creating a global network of knowledge and experience.
- ✧ Local meetings through more than 175 SPE Sections connecting you with industry professionals in your area.
- ✧ Young Professional programs enabling professionals age 35 and under to function as an international team, sharing in career advancement opportunities and more.

Professional Membership Benefits

- ✧ World-renowned SPE Distinguished Lecturer Program bringing global industry experts to speak to local SPE Sections.
- ✧ Specialized online communities giving you local access to the global experience of SPE members worldwide.
- ✧ Each year, more than 100 regional and international conferences and workshops are offered providing convenient access and comprehensive technical coverage.

Professional Membership Benefits

- ⌘ A wide range of programs, products, and services benefiting not only engineers, but practically every type of professional working in the oil and gas industry.
- ⌘ Specialized technical information in SPE's peer-reviewed journals providing focused, reviewed technical information.
- ⌘ A monthly subscription to the industry's most reliable and credible technology resource, the Journal of Petroleum Technology (JPT).

Professional Membership Benefits

- ↪ Community outreach resources like Energy4me offering you tools to teach young people about energy.
- ↪ Knowledge sharing through the ementoring program allowing experienced members to share their expertise with younger members.
- ↪ Opportunities for industry recognition through prestigious awards programs honoring members for their professional contributions to SPE and the industry

Professional Membership Benefits

- ✦ Discounted member registration to conferences, workshops, and courses giving you direct access to innovative technologies, technical knowledge, and interaction with colleagues to help you continue your professional development.
- ✦ Special member pricing on books and subscriptions to peer-reviewed journals supplying you with professional resources you can use everyday.

Professional Membership Benefits

- ⇒ OnePetro, one of the industry's largest online technical libraries allowing you to search, purchase, and download more than 80,000 technical documents from multiple professional societies.
- ⇒ Opportunities to present technical papers in a journal or at a conference allowing you to share knowledge with your peers.
- ⇒ Leadership and volunteer opportunities helping you build industry relationships through service to the society.
- ⇒ A Career Center with tools aiding your continuous development of new skills.

Professional Membership Benefits

Through our technical disciplines, you can immediately focus in on your areas of interest and expertise.

- ❖ Drilling and Completions**
- ❖ Projects, Facilities, and Construction**
- ❖ Management and Information**
- ❖ Health, Safety, Security, Environment, and Social Responsibility**
- ❖ Reservoir Description and Dynamics**
- ❖ Production and Operations**

Support for Members

- ☆ Discounts and other special benefits.
- ☆ Customer Service to assist members worldwide

Dues and Fees

Category 1 <u>High-Income Countries</u>		Category 2 <u>All Other Countries</u>			
Under Age 30	Age 30+	Under Age 30		Age 30+	
Dues	Dues	Monthly Salary	Dues	Monthly Salary	Dues
USD 60	USD 90	Less than USD 800	USD 10*	Less than USD 800	USD 10*
		USD 800 to USD 1500	USD 25	USD 800 to USD 1500	USD 30
		More than USD 1500	USD 50	More than USD 1500	USD 80

*Includes JPT Online only. Mailed subscription requires additional fees.

Dues and Fees

- ☑ Those joining SPE between 1 September and 31 December pay the full annual dues for the next year and receive membership for the remaining months of the current year at no additional cost.
- ☑ Membership will be valid until 31 December for the next year.
- ☑ SPE membership dues and fees are nonrefundable and nontransferable.

Dues and Fees

- ✓ Under certain circumstances, SPE offers a dues waiver for members facing disability, unemployment, or compulsory post-graduation military or social service.
- ✓ USD \$18 of your dues is allocated to your subscription to *Journal of Petroleum Technology* and is non-deductible.

Dues Payment Options

SPE accepts payments in a variety of currencies and methods. To make it easier and more convenient for SPE members to make dues payments, the following options are offered:

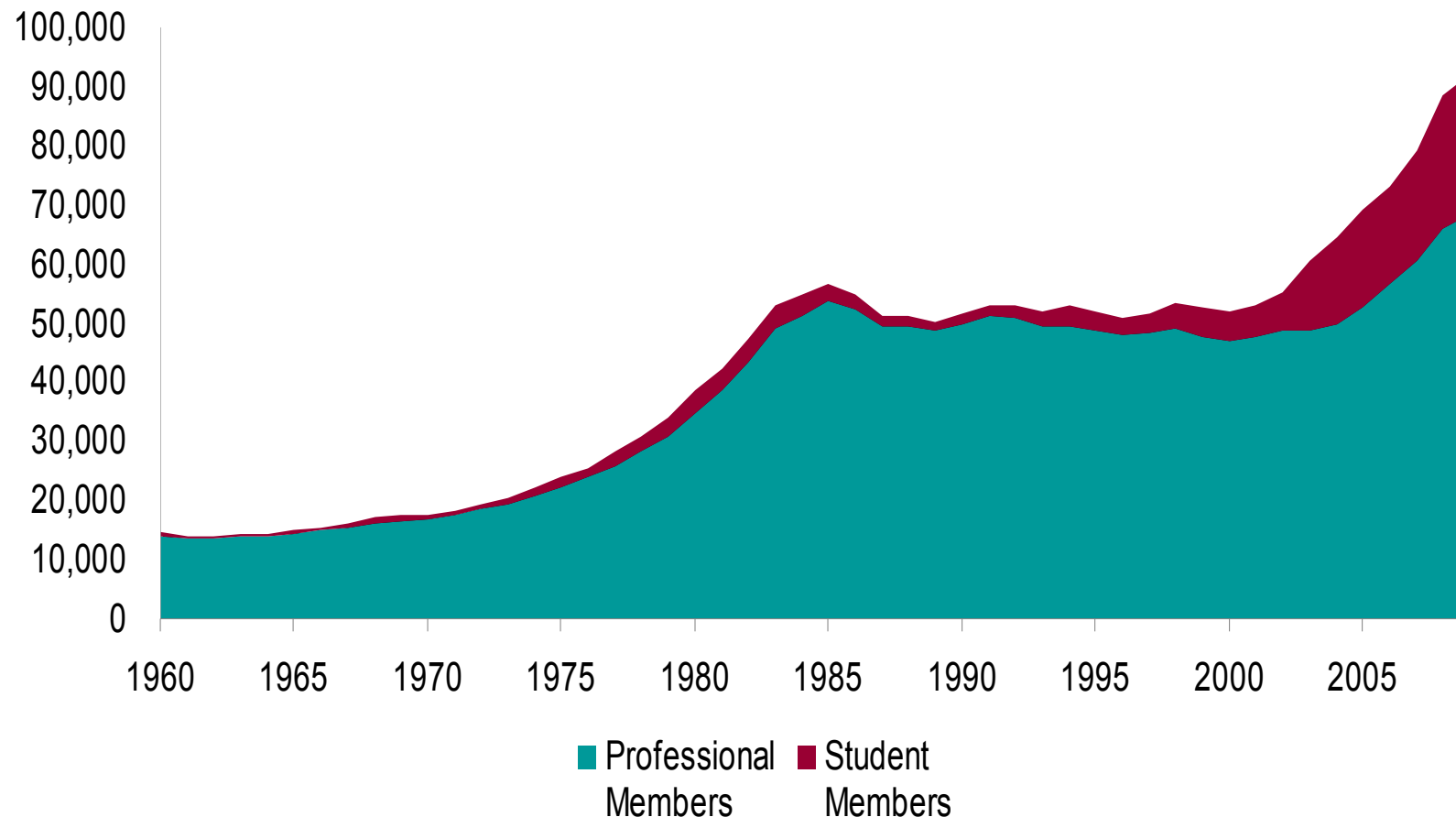
- Multiple-year dues payments.
 - Joint SPE, AAPG, and SEG dues in a single payment.
 - Online payment by credit card
 - Lifetime membership payment option
 - Bulk payments by companies for their member employees
 - Bulk payments by section for the section members
- SPE also accepts payments by check, wire transfer, or UNESCO coupons.

Membership Demographics

- At year end 2008 and might have 2009 data soon, SPE membership totaled 92,000, including more than 22,000 student members.
- The following graphics show how SPE membership has changed over time, where our current members are located, and their age categories.

Membership Demographics

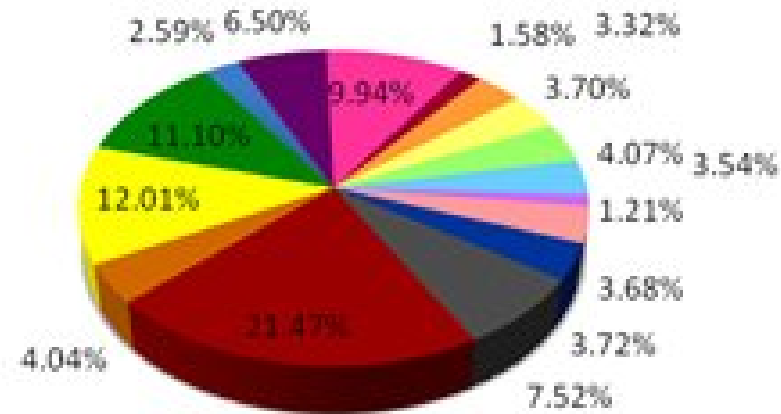
**2009 SPE Membership Grows to 92,173
Including 23,546 Student Members**



Membership Demographics

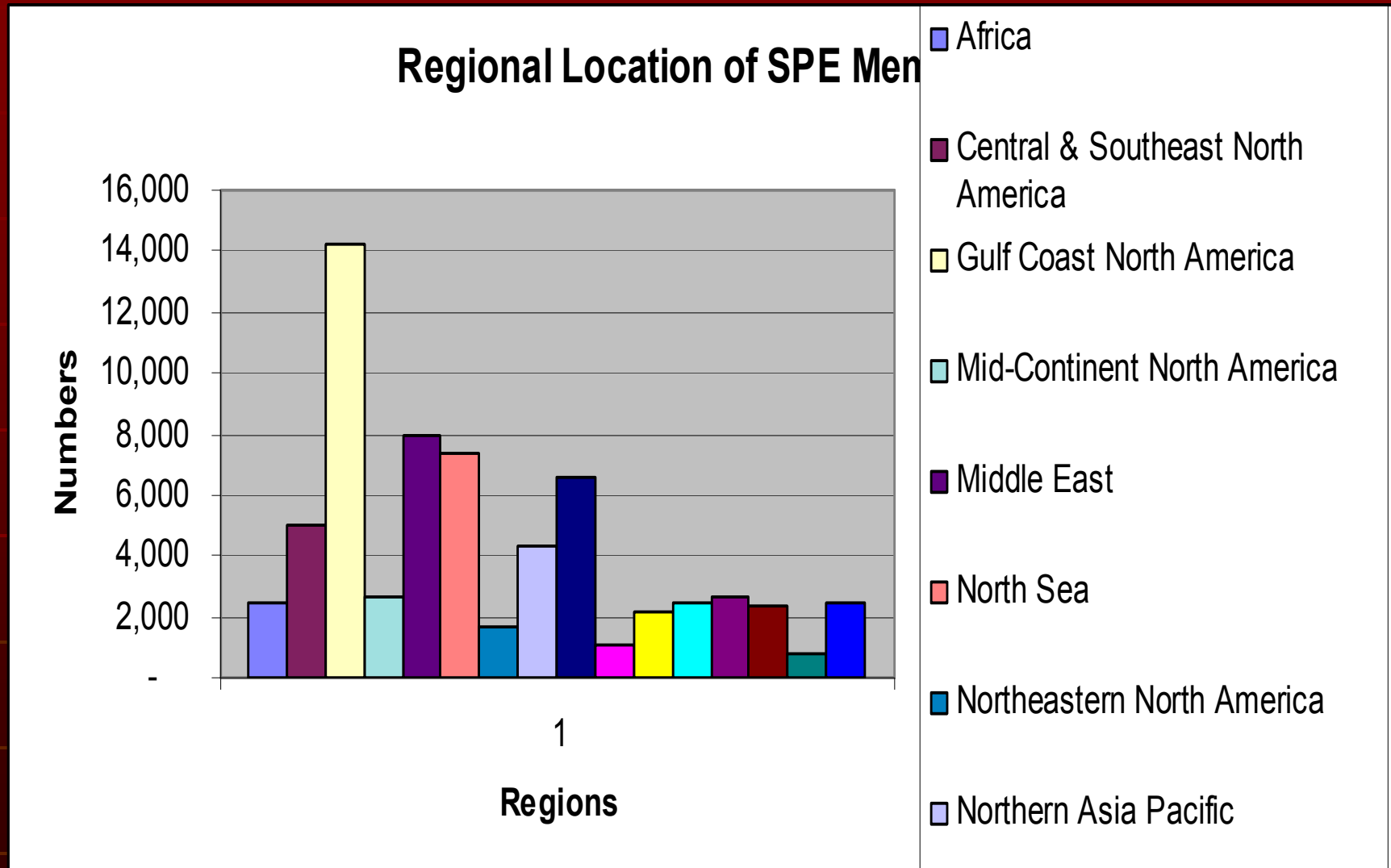
SPE Membership by Region

excluding students

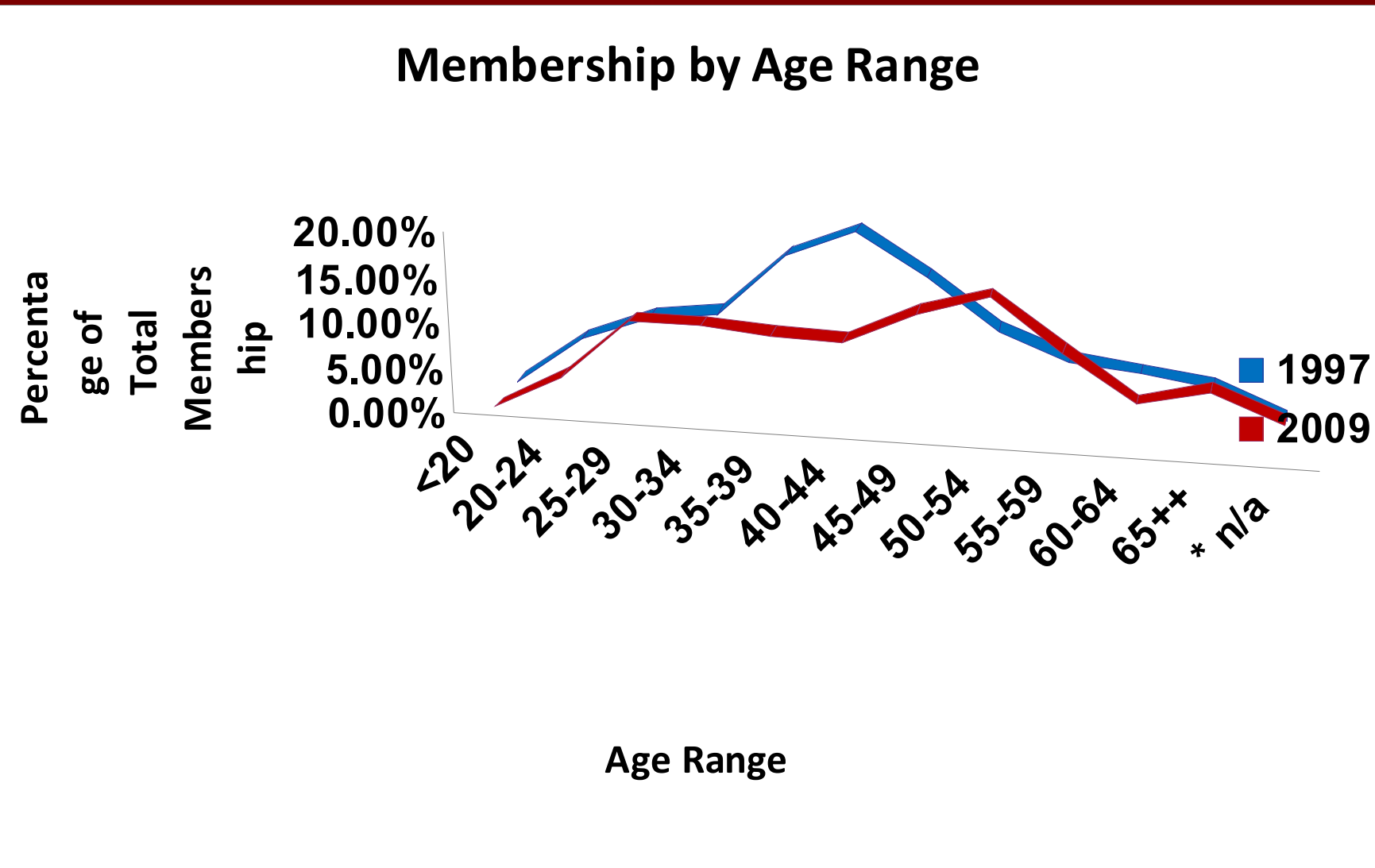


- Africa
- Gulf Coast North America
- Middle East
- Northeastern North America
- Rocky Mountain North America
- South America & Caribbean
- Southern Asia Pacific
- Unassigned
- Central & Southeast North America
- Mid-Continent North America
- North Sea
- Northern Asia Pacific
- Russian & Caspian
- South Central & Eastern Europe
- Southwestern North America
- Western North America

Membership Demographics



Membership Demographics



Sections

- Sections are local affiliates of SPE.
- Sections provide the opportunity for SPE members in a geographic area to exchange technical information, network with peers, support student chapters, and engage in other activities to benefit their communities.
- The primary mission of SPE sections is to disseminate information through regular meetings and educational programs.

Section Best Practices

- A primary force for promoting the transfer of technology is the worldwide network of SPE sections.
- Each local, affiliated section sets its own agenda for meeting the needs of section members and area professionals.
- In addition to regular technical meetings, many sections have community outreach programs designed to educate the public about the science and technology of petroleum exploration and production.

Section Best Practices

- Others have developed innovative programs to assist college students, recruit new members into the society, and communicate with members through newsletters and websites.
- Each year, sections report their activities in an annual report.

How To Form a Section

Any group of SPE members in a particular geographic area can apply for formation of a new section. The SPE Board of Directors recommends the following procedures:

- ❖ Determine that there are at least 25 SPE members residing in the geographical area to be encompassed by the new section.
- ❖ The SPE board further recommends that the area have at least 50 potential members.

How To Form a Section

- Outline the precise geographic area to be included in the proposed section. Normally, such boundaries conform to some official area—counties, parishes, provinces, or countries.
- If the territory of the proposed new section is in the jurisdiction of an existing section, the new section must obtain a release of this territory from the existing section.

Meetings, Study Groups, and Continuing Education Courses

- Section meetings, often held on a monthly basis, provide regular opportunities for industry professionals to exchange ideas and receive timely information without having to travel extensively.
- Section-sponsored study groups provide focused discussion on specific technologies.

Distinguished Lecturer Program

- ✧ The Distinguished Lecturer Program, available to sections throughout the world, is one of the most popular SPE-administered programs.
- ✧ Its purpose is to provide sections with outstanding speakers who are experts in their field.
- ✧ Every SPE section is entitled to three Distinguished Lecturer presentations each year.
- ✧ Topics and individual lecturers are selected annually by the Distinguished Lecturer Committee.

Officer Visitation Program

- ✓ SPE officers—past president, president, president-elect, and vice president of finance—travel extensively to meet with section officers and members.
- ✓ These visits provide officers an opportunity to hear firsthand the concerns and needs of SPE members.

Section Websites

- SPE offers sections, as well as student chapters, access to software to create and maintain a section website.
- Having an SPE-hosted website enhances a section's ability to promote its own programs and events.

SPE Awards

- ❖ SPE has a distinguished tradition of recognizing members for their personal contributions to the industry.
- ❖ Members may receive awards for their technical contributions, professional excellence, career achievements, service to colleagues, and industry leadership.

President's Award for Section Excellence

This award is presented at the Annual Technical Conference and Exhibition and recognizes up to six SPE sections that have put forth exceptional efforts in the areas of technology dissemination; communication with members; membership recruitment and retention; interaction with student members and student chapters; and cooperation and interaction with other sections, related technical groups, and the community.

Section Activities

- Conferences
- Workshop
- Forum

Conferences

- The Annual Technical Conference and Exhibition (ATCE) is SPE's premier conference. Attendees have the opportunity to learn from world-class experts about the latest technology and innovative approaches for meeting global industry challenges.
- The ATCE technical program includes more than 450 technical papers and numerous panel sessions covering all phases of oil and gas exploration and production.
- The exhibition, which features more than 400 companies, runs concurrently with the technical program.

Workshop

- ❖ SPE hosts numerous workshops around the world to provide members with topical technical and nontechnical information in smaller group settings. Through the Applied Technology Workshops, Introduction to Technology Series, and Talent and Retention Workshops, members are able to choose how they can best improve their skills.

Workshop

There are three types of Workshop:

- ❑ SPE Applied Technology Workshops (ATWs)
- ❑ Introduction to Technology Series (ITS)
- ❑ Talent and Retention Workshops

Forum Series

- ✓ SPE Forums are unique, by-invitation-only SPE events that bring together top technologies, innovators, and managers to work on a specific industry challenge.
- ✓ The objective is to stimulate thought, accelerate innovation, and inspire the development of new technology.

Question & Discussion

Thank You