

2024 PUBLIC TRAINING CALENDAR



We practice what we teach.

SUBSURFACE CONSULTANTS & ASSOCIATES, LLC

Serving the Upstream Oil & Gas Industry Since 1988

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2024 Public Training Calendar

Date	Course Name	Location	Instructor
JANUARY			
15-16	Introduction to Subsurface Machine Learning 	Houston, TX	Misra
29	Basics of the Petroleum Industry	Houston, TX	Howes
FEBRUARY			
12-13	Managing Mature Oilfields with Capacitance-Resistance Modeling 	Houston, TX	Lake & Jensen
14-15	Reservoir Management of Unconventional Reservoirs: From Inception to Maturity 	Houston, TX	Kabir
19	How to Maximize the Value of Conventional Oil Reservoir Developments: Best Practices 	Houston, TX	Prasad
20	Developing Robust Production Forecasts: Do's and Don'ts	Houston, TX	Prasad
MARCH			
4-6	Producing Unconventional with Gas Lift - From Annular to PAGL to Plunger Lift and In-Between NEW	Houston, TX	Chokshi or Takacs
4-7	Production Forecasting for Low Permeability Reservoirs  	Live Online	Lee
6-8	Reservoir Characterization for Mudrock Reservoirs 	Houston, TX	Sonnenberg
7-8	Geomechanics Aspects of CCS Projects NEW 	Houston, TX	Araujo, Pastor, & Fernandez-Ibañez
7-8	Cement Evaluation and Repair Workshop 	Houston, TX	Ott & Smolen
18-20	The Practice of Seismic Stratigraphy in Deepwater Settings	Houston, TX	Prather
18-22	Applied Subsurface Geological Mapping  	Houston, TX	Agah
25-27	Geothermal Energy NEW	Houston, TX	Dindoruk & Livescu
25-28	PRMS and SEC Reserves and Resources Regulations  	Live Online	Lee
25-29	Applied Subsurface Geological Mapping  	Dallas, TX	Brenneke
APRIL			
1-2	Applied Drilling Engineering Optimization for Drilling Engineers 	Midland, TX	Samuel
1-5	Carbonate Sedimentology and Sequence Stratigraphy 	Houston, TX	Lopez-Gamundi
3-4	Applied Drillstring Mechanics for Drilling Engineers 	Midland, TX	Samuel
5	Principles and Practices of Mud Motor 	Midland, TX	Samuel
8-12	Well Stimulation Workshop: Practical & Applied  	Live Online	Roodhart & Nitters
9-10	"Best Practices" for New Well Fracs and Legacy Well Refracs 	Houston, TX	Barba
11	Geosteering: Best Practices, Pitfalls, & Applied Solutions 	Houston, TX	Woolsey
15-16	In-Well Fiber Optic Sensing 	Houston, TX	Dria
15-19	Applied Subsurface Geological Mapping  	Kuala Lumpur	Shoup
17	Navigating CCUS - Gulf Coast Region - Workshop NEW 	Houston, TX	Pande
4/22 - 7/12	The Daniel J. Tearpock Geoscience Certification Program ("Geoscience Boot Camp")   	Houston, TX	SCA Staff
22	Basics of the Petroleum Industry 	Houston, TX	Howes
22-25	Carbon Capture Utilization and Storage - A Geological Perspective  	Live Online	Sonnenberg
23-26	Structural Styles in Petroleum Exploration and Production  	Houston, TX	Taylor
LEGEND:  Flagship Course  Boot Camp Course  Live Online Offering  Field Course  Webinar Recording			

Register online at www.scacompanies.com.

27-28	Structural and Sequence Stratigraphic Field Course   	Hill Country, TX	Taylor
4/29 - 5/2	Cased Hole and Production Log Evaluation	Houston, TX	Barba
4/29 - 5/3	Sequence Stratigraphy Applied to O&G Exploration  	Houston, TX	Lopez-Gamundi
4/29 - 5/3	Pore Pressure, Fracture Pressure, and Well-Bore Stability 	Houston, TX	Shaker
MAY			
6-8	Applied Seismic Interpretation Workshop 	Houston, TX	Willis
9-10	Basic Petroleum Engineering for Non-Engineers 	Houston, TX	Howes
13-17	Applied Deep-Water Sedimentology & Stratigraphy 	Houston, TX	Rotzien
13-17	The Book Cliffs, UT: A Case Study in Coastal Sequence Stratigraphy  	Salt Lake City, UT	Little
13-17	Practical Interpretation of Open Hole Logs  	Houston, TX	Barba
14-17	Carbon Capture Utilization & Storage - An Engineering Perspective  	Live Online	Economides & Hatzignatiou
20-24	Applied Subsurface Geological Mapping   	Houston, TX	Agah
20-24	Applied Subsurface Geological Mapping  	Bakersfield, CA	Shoup
27-28	Applied Contouring Workshop 	Houston, TX	Agah
29-31	Mapping Seismic Data Workshop 	Houston, TX	Cherry
JUNE			
8	Modern Coastal Systems of Texas Field Course   	Galveston, TX	Wellner
13-14	Artificial Neural Systems in Petroleum Engineering NEW 	Houston, TX	Shelley
24-26	Seismic Geomorphology NEW 	Houston, TX	Wood
JULY			
10-12	Energy Transition for Petroleum Professionals (Part 1)  	Live Online	Meehan
15-17	Energy Transition for Petroleum Professionals (Part 2)  	Live Online	Meehan
15-19	Pressure Transient Well Test Design and Interpretation 	Houston, TX	Economides
22-25	Production Forecasting for Low Permeability Reservoirs  	Live Online	Lee
7/29 - 8/1	PRMS and SEC Reserves and Resources Regulations  	Live Online	Lee
7/29 - 8/2	Applied Subsurface Geological Mapping  	Denver, CO	Brenneke
AUGUST			
5-6	Reservoir Management of Unconventional Reservoirs: From Inception to Maturity 	Houston, TX	Kabir
7-8	Introduction to Subsurface Machine Learning 	Houston, TX	Misra
12-13	Applied Drilling Engineering Optimization for Drilling Engineers 	Houston, TX	Samuel
12-14	Geothermal Energy NEW	Houston, TX	Dindoruk & Livescu
14-15	Applied Drillstring Mechanics for Drilling Engineers 	Houston, TX	Samuel
16	Principles and Practices of Mud Motor 	Houston, TX	Samuel
19-21	Seal and Reservoir Pressures Analysis for E&P Prospect's Risk Assessment 	Houston, TX	Shaker
19-23	Carbonate Sedimentology and Sequence Stratigraphy 	Houston, TX	Lopez-Gamundi
SEPTEMBER			
9	Navigating CCUS - Gulf Coast Region - Workshop NEW 	Houston, TX	Pande
9-12	Basic Reservoir Engineering for Non-Petroleum Engineers	Houston, TX	Economides

LEGEND:  Flagship Course  Boot Camp Course  Live Online Offering  Field Course  Webinar Recording

10-12	Unconventional Resource Plays - Workshop 🎧	Houston, TX	Sonnenberg
9/16 - 12/6	The Daniel J. Tearpock Geoscience Certification Program ("Geoscience Boot Camp") 🚩👢🎧	Houston, TX	SCA Staff
16	Basics of the Petroleum Industry 👢	Houston, TX	Howes
17-20	Structural Styles in Petroleum Exploration and Production 👢🎧	Houston, TX	Taylor
21-22	Structural and Sequence Stratigraphic Field Course 🏠👢🎧	Hill Country, TX	Taylor
23-27	Sequence Stratigraphy Applied to O&G Exploration 👢🎧	Houston, TX	Lopez-Gamundi
9/30 - 10/1	Carbon Capture Utilization and Storage - A Geological Perspective 🎧	Houston, TX	Sonnenberg
9/30 - 10/4	Practical Interpretation of Open Hole Logs 👢🎧	Houston, TX	Barba
9/30 - 10/4	Applied Subsurface Geological Mapping 🚩🎧	Midland, TX	Brenneke

OCTOBER

7	Data Analytics Workflows for Artificial Lift, Production, and Facility Engineers NEW	Houston, TX	Chokshi
7-9	Applied Seismic Interpretation Workshop 👢	Houston, TX	Willis
7-11	The Book Cliffs, UT: A Case Study in Coastal Sequence Stratigraphy 🏠🎧	Salt Lake City, UT	Little
10-11	Basic Petroleum Engineering for Non-Engineers 👢	Houston, TX	Howes
14-18	Applied Deep-Water Sedimentology & Stratigraphy 🎧	Houston, TX	Rotzien
14-18	Applied Subsurface Geological Mapping 🚩👢🎧	Houston, TX	Agah
21-22	Applied Contouring Workshop 👢	Houston, TX	Agah
21, 23, 25	Managing Mature Oilfields with Capacitance-Resistance Modeling 🌐🎧	Live Online	Lake & Jensen
21-24	Deepwater Jackfork Field Course (Arkansas - Oklahoma) 🏠 NEW	Little Rock, AR	Wood
23-25	Mapping Seismic Data Workshop 👢	Houston, TX	Cherry
26	Modern Coastal Systems of Texas Field Course 🏠👢🎧	Galveston, TX	Wellner
28	Geosteering: Best Practices, Pitfalls, & Applied Solutions 🎧	Houston, TX	Woolsey
30-31	Artificial Neural Systems in Petroleum Engineering NEW 🎧	Houston, TX	Shelley

NOVEMBER

4-5	In-Well Fiber Optic Sensing 🎧	Houston, TX	Dria
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20-22	Unconventional Resource Plays - Workshop 🎧	Houston, TX	Sonnenberg

DECEMBER

2-6	Applied Subsurface Geological Mapping 🚩🎧	Houston, TX	Brenneke
9-10	Cement Evaluation and Repair Workshop 🎧	Houston, TX	Ott & Smolen
9-13	Pore Pressure, Fracture Pressure, and Well-Bore Stability 🎧	Houston, TX	Shaker

LEGEND: 🚩 Flagship Course 👢 Boot Camp Course 🌐 Live Online Offering 🏠 Field Course 🎧 Webinar Recording

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Headquarters/Training Center: 10700 Richmond Ave., Ste. 325 • Houston, TX 77042

Our Services

TRAINING SERVICES

Our mission at SCA is to provide a quality training experience that brings added success to our upstream oil and gas industry clients. From its founding in 1988, SCA has provided leading edge, technical training services around the world to over 27,000 petroleum industry professionals of all experience levels. We offer both in-person and live online training courses in the following categories:

- Geoscience
- Engineering
- Unconventional Reservoirs
- Energy Transition
- Formation Evaluation
- Multi-Disciplinary & Introductory
- Field Courses

CONSULTING & DIRECT HIRE SERVICES

SCA is a world leader in providing petroleum exploration, development, and production consultancy and direct hire services. Our experts have conducted consulting assignments in over 50 countries and in virtually every major producing basin around the world. We can provide consultants or direct-hire support in various areas of expertise including:

- Geologists
- Geophysicists
- Geoscientists
- Petrophysicists
- Geotechnicians
- Engineering Technicians
- Petroleum Engineers
- Reservoir Engineers
- Completions Engineers
- Production Engineers
- Drilling Engineers
- Facility Engineers

PROJECTS & STUDIES

SCA provides teams of seasoned professionals to conduct projects and studies at your office, in remote locations around the world, or in our Houston-based Team Rooms. Examples project types include:

- Integrated, Multi-Disciplinary Studies (Exploration, Development, Production)
- Basin Studies
- Exploration and Development Prospect Generation and Evaluation
- Acquisition or Divestiture Evaluation
- Asset/Portfolio Evaluation
- Structural and Stratigraphic Interpretation and Mapping
- Post-drilling Evaluation and Assessments
- Structural Analysis
- Resources and Reserves Studies

QUALITY ASSURANCE

SCA provides teams of expert consultants with global experience in quality assurance to conduct reviews at the corporate strategy, play assessment, prospect portfolio, or major capital project sanctioning level. These reviews can help identify technical flaws or failures of logic (example: prospect appears reasonable but does not fit the geologic context), reduce uncertainty, mitigate risk, enhance decision quality and instill functional excellence. SCA experts can provide:

- Industry recognized expertise in specific disciplines
- Independent perspectives that may identify internal technical or strategic bias
- Experience with global analogs/best practices
- Mentoring to reinforce key skills or supplement teams on a short term or periodic basis
- Training options to upgrade internal skills

OIL & GAS ADVISORY

SCA offers Oil & Gas Advisory Services to E&P companies as well as non-industry clients considering the acquisition of or investment in producing properties, exploration, or development opportunities. Using available information, we conduct independent, unbiased 3rd party evaluations for financial institutions, private or public equity investors, family offices or ultra-high net worth individuals, asset managers, intermediaries and advisors including:

- Confirm technical validity of the opportunity
- Assess risk factors and identify risk abatement strategies
- Identify reserves/resources potential and probabilistic distributions
- Determine asset value range and upside potential

TERMS AND CONDITIONS

Due to limited seats in each course, it is recommended that participants register at least one month in advance. However, we will accept paid registrations up to the last business day before the class, provided there are seats available. Registrants will receive a confirmation email within 48 hours of registration and will receive complete venue information at least two weeks prior to the first day of class. The final decision to hold a course is usually made about two weeks prior to the course start date.

As a reminder, your seat in a course is not confirmed until payment is received.

TUITION FEES are due at the time of registration. An invoice can be provided via email as long as payment is received before the start of class. Tuition fees are payable in US dollars and do not include the cost of accommodation and travel. The fees include the tuition, course materials, and daily refreshments.

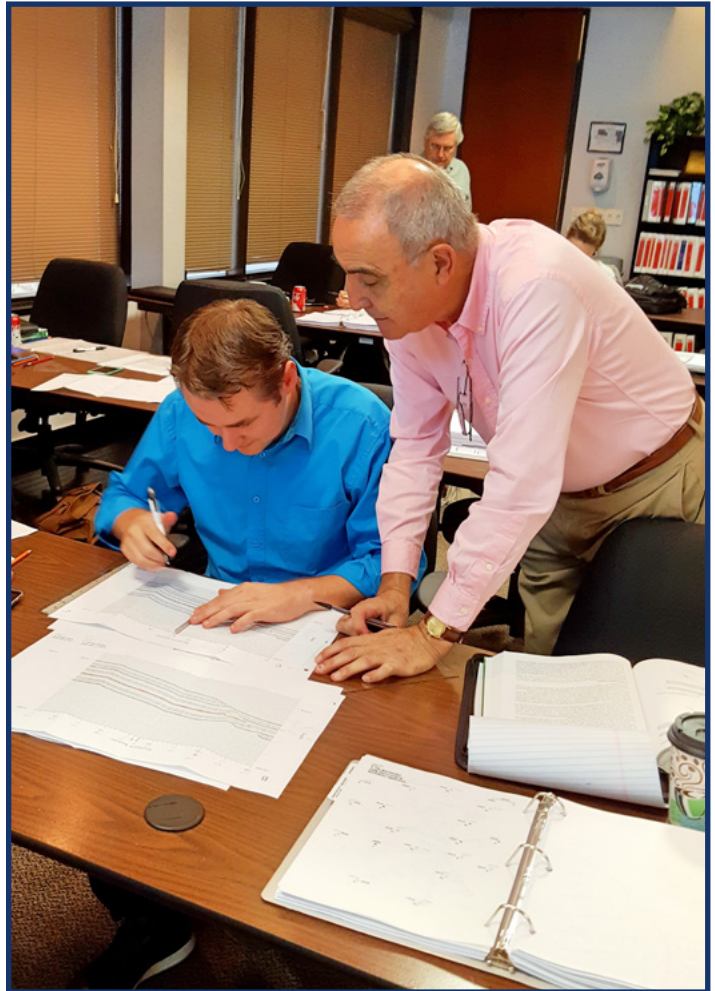
TRANSFERS and SUBSTITUTIONS are accepted if received at least seven (7) days before a course begins. In the event that the registrant cannot attend a scheduled course for which he or she is enrolled, registration can be transferred to another course or another person can be substituted. Substitutions may be made without penalty. In addition, SCA reserves the right to substitute course instructors as necessary.

CANCELLATIONS and REFUNDS: If it is necessary to cancel an enrollment, the tuition will be reimbursed in full provided notification of the cancellation is received at least 10 days prior to the first day of class. For cancellations received less than 10 days in advance, a 150.00 nonrefundable portion of the tuition will be retained by SCA.

SCA reserves the right to cancel any course session at any time. The final decision to hold a course is usually made about two weeks prior to the course start date. If

we cancel a course, enrollees will be notified via email and given the opportunity to transfer to another course or receive a refund. **NOTE:** Should there be a difference in the tuition, the difference will be paid/refunded on or before the start of the class. SCA is not responsible for any penalties charged for canceling or changing your travel arrangements. Please keep our cancellation policy in mind when planning your travel.

VISIT OFTEN: Due to the addition of new training courses throughout the year, please visit our website frequently for the latest calendar of courses. SCA strives to offer the best curriculum and schedule possible.



Pictured Above: SCA's instructor Sia Agah assisting a student during an offering of Applied Subsurface Geological Mapping.

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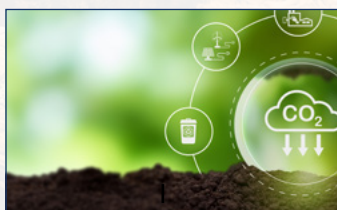
Primary Services

Subsurface Consultants & Associates, LLC provides training, consulting, and direct-hire recruitment services to professionals in the upstream oil and gas industry. Our catalog contains courses spanning Geoscience, Engineering, Unconventional Reservoirs, Energy Transition, Formation Evaluation, Multi-Disciplinary & Introductory, and Field Courses.



Business Advisory Services

Addresses asset value optimization, organizational efficiency, non-operator influence, strategy, and transformation. These advisory services can impact company performance and bottom-line delivery, combine extensive hands-on experience and direct access to high-quality technical experts, and are led by high-profile oil and gas executives and managers.



Carbon Capture Utilization and Storage (CCUS)

Provision of geoscience and engineering experts to handle all technical aspects of the CCUS storage project workflow including site selection, injectivity, seal integrity, capacity, and modeling. We can also provide expertise to audit and certify ongoing CO₂ sequestration projects. SCA offers four training courses that emphasize CCUS.



Subsurface Alliance

A network of subsurface specialists that uses a Team-of-Teams approach to efficiently solve problems that have a direct business impact in today's fast-paced and evolving energy industry. SA offers comprehensive subsurface services to help mitigate risks at every stage of a project. Through use of advanced geoscience and engineering tools, they deliver world-class models and superior consulting and training services.



Competency Development

IHRDC is a Boston-based company that accelerates workforce development through customized solutions to fit client needs. Through our Joint Marketing and Sales Agreement, SCA and IHRDC offer the oil and gas industry a broad spectrum of high-quality training content and effective blended learning delivery options.

For more information about our training solutions and delivery options, contact SCA's Training Department at training@scacompanies.com or (713)789-2444.

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