

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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Date	Course Name	Location	Instructor
<b>JANUARY</b>			
15-16	Introduction to Subsurface Machine Learning 🎧	Houston, TX	Misra
29	Basics of the Petroleum Industry	Houston, TX	Howes
<b>FEBRUARY</b>			
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
26-27	Managing Mature Oilfields with Capacitance-Resistance Modeling 🎧	Houston, TX	Lake & Jensen
<b>MARCH</b>			
4-6	Producing Unconventional with Gas Lift - From Annular to PAGL to Plunger Lift and In-Between <b>NEW</b>	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 <b>NEW</b> 🎧	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 <b>NEW</b> 🎧	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
<b>APRIL</b>			
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
11	Geosteering: Best Practices, Pitfalls, & Applied Solutions 🎧	Houston, TX	Woolsey
15-16	In-Well Fiber Optic Sensing 🎧	Houston, TX	Dria
17	Navigating CCUS - Gulf Coast Region - Workshop 🎧	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
22-26	Applied Subsurface Geological Mapping 🚩 🎧	Kuala Lumpur	Shoup
23-25	Elements of Energy Geology – Basin Analysis & Petroleum, Helium, Hydrogen, Geothermal, Uranium, Subsurface Energy Storage <b>NEW</b> 🥾	Houston, TX	Sonnenberg
26	Basic Petroleum Economics <b>NEW</b> 🥾	Houston, TX	Howes
29	Basic Petroleum Engineering for Non-Engineers 🥾	Houston, TX	Howes
30	Applied Contouring Methods Workshop 🥾	Houston, TX	Agah

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

## MAY

4/29 - 5/3	Pore Pressure, Fracture Pressure, and Well-Bore Stability 🌐	Houston, TX	Shaker
1-3	Practical Interpretation of Open Hole Logs 🥾	Houston, TX	Barba
6-9	Structural Styles in Petroleum Exploration and Production 🥾	Houston, TX	Taylor
10-11	Structural and Sequence Stratigraphic Field Course 🏠 🥾	Hill Country, TX	Taylor
13-17	Applied Subsurface Geological Mapping 🚩 🥾	Houston, TX	Agah
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
14-17	Carbon Capture Utilization & Storage - An Engineering Perspective 🌐	Live Online	Economides & Hatzignatiou
20-21	“Best Practices” for New Well Fracs and Legacy Well Refracs 🌐	Houston, TX	Barba
27-28	Applied Seismic Interpretation Workshop 🥾	Houston, TX	Willis
29-31	Mapping Seismic Data Workshop 🥾	Houston, TX	Cherry

## JUNE

3-6	Carbon Capture Utilization and Storage - A Geological Perspective 🌐	Live Online	Sonnenberg
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
15-16	Open Hole and Cased Hole Petrophysical Inputs for Carbon Capture Projects NEW 🌐	Houston, TX	Barba
15-17	Energy Transition for Petroleum Professionals (Part 2) 🌐	Live Online	Meehan
15-19	Pressure Transient Well Test Design and Interpretation 🌐	Houston, TX	Economides
15-19	Sequence Stratigraphy Applied to O&G Exploration	Houston, TX	Lopez-Gamundi
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

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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	Basic Petroleum Economics <b>NEW</b> 👢	Houston, TX	Howes
18-20	Elements of Energy Geology – Basin Analysis & Petroleum, Helium, Hydrogen, Geothermal, Uranium, Subsurface Energy Storage <b>NEW</b> 👢	Houston, TX	Sonnenberg
23-26	Structural Styles in Petroleum Exploration and Production 👢🎯	Houston, TX	Taylor
27-28	Structural and Sequence Stratigraphic Field Course 🏠👢🎯	Hill Country, TX	Taylor
30	Basic Petroleum Engineering for Non-Engineers 👢	Houston, TX	Howes
9/30 - 10/1	Carbon Capture Utilization and Storage - A Geological Perspective 🎯	Houston, TX	Sonnenberg
9/30 - 10/4	Applied Subsurface Geological Mapping 🚩🎯	Midland, TX	Brenneke

## OCTOBER

1	Applied Contouring Methods Workshop 👢	Houston, TX	Agah
2-4	Practical Interpretation of Open Hole Logs 👢🎯	Houston, TX	Barba
7	Data Analytics Workflows for Artificial Lift, Production, and Facility Engineers <b>NEW</b>	Houston, TX	Chokshi
7-11	Applied Subsurface Geological Mapping 🚩👢🎯	Houston, TX	Agah
7-11	The Book Cliffs, UT: A Case Study in Coastal Sequence Stratigraphy 🏠🎯	Salt Lake City, UT	Little
14-18	Applied Deep-Water Sedimentology & Stratigraphy 🎯	Houston, TX	Rotzien
14-18	Clastic Sedimentology, Stratigraphy and Reservoir Characterization with Core Workshop <b>NEW</b> 👢	Houston, TX	Shoup & Olson
19	Modern Depositional Systems as Analogs for Subsurface Characterization <b>NEW</b> 🏠👢	Galveston, TX	Olson
21-22	Applied Seismic Interpretation Workshop 👢	Houston, TX	Willis
21, 23, 25	Managing Mature Oilfields with Capacitance-Resistance Modeling 🌐🎯	Live Online	Lake & Jensen
21-24	Deepwater Jackfork Field Course (Arkansas - Oklahoma) 🏠 <b>NEW</b>	Little Rock, AR	Wood
23-25	Mapping Seismic Data Workshop 👢	Houston, TX	Cherry
28	Geosteering: Best Practices, Pitfalls, & Applied Solutions 🎯	Houston, TX	Woolsey
28-30	The Practice of Seismic Stratigraphy in Deepwater Settings	Houston, TX	Prather
30-31	Artificial Neural Systems in Petroleum Engineering <b>NEW</b> 🎯	Houston, TX	Shelley

## NOVEMBER

4-5	In-Well Fiber Optic Sensing 🎯	Houston, TX	Dria
6-8	Energy Transition for Petroleum Professionals 🎯	Houston, TX	Meehan
11-13	Carbon Capture Utilization & Storage - An Engineering Perspective 🎯	Houston, TX	Economides & Hatznatiou
14-15	"Best Practices" for New Well Fracs and Legacy Well Refracs 🎯	Houston, TX	Barba
20-22	Unconventional Resource Plays - Workshop 🎯	Houston, TX	Sonnenberg

## DECEMBER

2-6	Applied Subsurface Geological Mapping 🚩🎯	Houston, TX	Brenneke
9-13	Pore Pressure, Fracture Pressure, and Well-Bore Stability 🎯	Houston, TX	Shaker

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# OUR SERVICES



## Subsurface Consultants & Associates, LLC

Founded by Daniel J. Tearpock in 1988, Subsurface Consultants & Associates, LLC (SCA) provides consulting, training, and recruitment services to the energy industry.

### Consulting

We provide geoscience and petroleum engineering personnel to supplement our client's activities in the energy industry. Our consultants have conducted assignments in over 50 countries and in virtually every major producing basin around the world.

Categories of projects and studies that our consultants have worked include:

- A&D Advisory
- Appraisal and Field Development Evaluations
- Asset/Portfolio Evaluation
- Business Advisory Services
- Carbon Capture Utilization & Storage
- Geothermal Services
- Mentoring
- Post-Drilling Evaluation and Assessment
- Prospect Generation and Evaluation
- Reservoir & Geomechanics
- Third Party & Peer Review

### Training

We provide technical training to energy industry professionals of all experience levels around the world. Our instructors are industry-recognized experts in their fields.

Both in-person and live online courses are offered in the following disciplines:

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

### Recruitment

In addition to contract assignments, we also place candidates into full-time positions. Our recruiting team is committed to understanding each client's unique requirements and is proficient in assessing candidates to meet those specific needs.

### Clients



# 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.

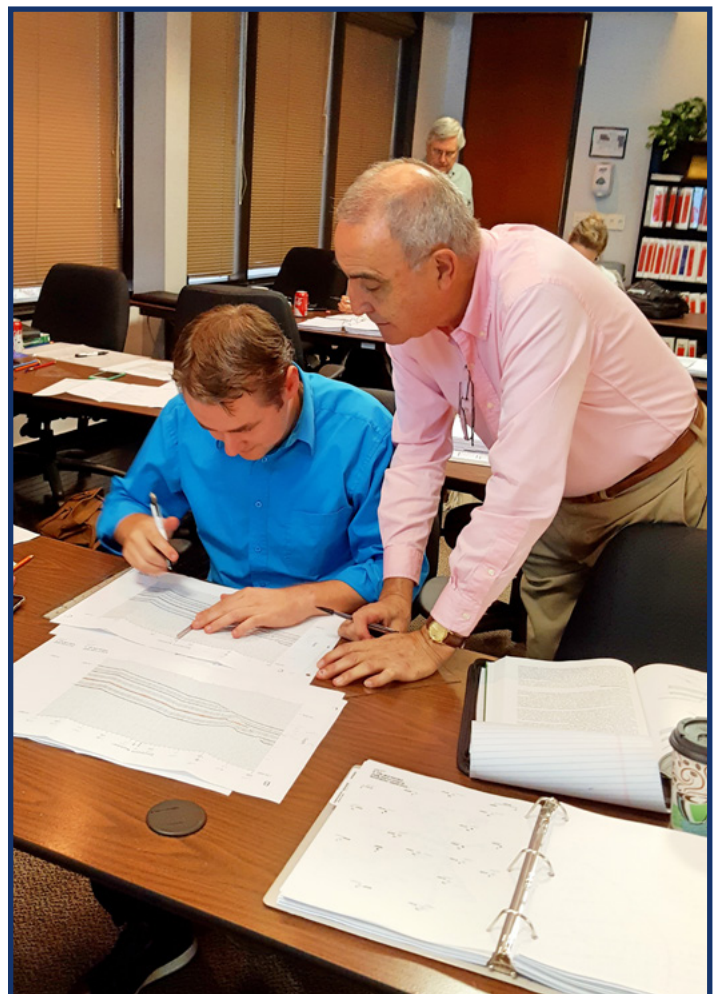
**TRANSFERS and SUBSTITUTIONS** are accepted if received at least seven (7) days before a course begins. In the event that the registrant cannot attend a scheduled course for which he or she is enrolled, registration can be transferred to another course or another person can be substituted. Substitutions 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.

**Register online at [www.scacompanies.com](http://www.scacompanies.com)**

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



## Primary Services

Subsurface Consultants & Associates, LLC provides training, consulting, and recruitment services to professionals in the energy industry. Our catalog contains courses spanning seven disciplines including 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 CO<sub>2</sub> 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](mailto:training@scacompanies.com) or (713)789-2444.

**Register online at [www.scacompanies.com](http://www.scacompanies.com)**

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