

# 2024 PUBLIC TRAINING CALENDAR





Training Excellence for the Energy Industry  
Classroom & Live Online Formats



**We practice what we teach.**

**SUBSURFACE CONSULTANTS & ASSOCIATES, LLC**

Serving the Energy 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
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 Format   🏠 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

24-26	Seismic Geomorphology <b>NEW</b>	Houston, TX	Wood
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## 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 <b>NEW</b>	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
22-26	Applied Subsurface Geological Mapping	Houston, TX	Brenneke
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 <b>NEW</b>	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 <b>NEW</b>	Houston, TX	Pande
9-11	Artificial Lift and Real-Time Optimization for Unconventional Assets	Houston, TX	Chokshi
9-12	Basic Reservoir Engineering for Non-Petroleum Engineers	Houston, TX	Economides
10-12	Unconventional Resource Plays - Workshop	Houston, TX	Sonnenberg

**LEGEND:** Flagship Course Boot Camp Course Live Online Format Field Course Webinar Recording

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 & Hatzignatiou
14-15	"Best Practices" for New Well Fracs and Legacy Well Refracs 🗄️	Houston, TX	Barba
20-22	Unconventional Resource Plays - Workshop 🗄️	Houston, TX	Sonnenberg
25-29	Applied Subsurface Geological Mapping 🚩🗄️	Kuala Lumpur	Shoup

### DECEMBER

2-6	Applied Subsurface Geological Mapping 🚩🗄️	Houston, TX	Brenneke
9-10	Cement Evaluation and Repair Workshop 🗄️	Houston, TX	Ott
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



# REGISTRATION 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 a confirmed class, provided there are seats available. Registrants will receive a confirmation email within 48 hours of registration and venue information at least two weeks prior to the first day of class. The final decision to hold a course is generally made two weeks prior to the course start date.

**REMINDER: Your seat in a course is not confirmed until payment has been received.**

## TUITION

Tuition for course registrations are valid until 12 months have passed from the start date of the class, at which time payments become nonrefundable. An invoice can be provided via email as long as payment is received before the start of class. Tuition is payable in USD and does not include the cost of accommodation and travel, but does include course materials and daily refreshments.

## TRANSFERS

If a student elects to apply their registration fee to a different course, notification of the transfer must be received at least two (2) weeks prior to the original course start date.

## SUBSTITUTIONS

Substituting a student for another is accepted without penalty if notification is received at least seven (7) days prior to the course start date. In addition, SCA reserves the right to substitute course instructors as necessary.

## CANCELLATIONS & REFUNDS

**FULL REFUND:** If it is necessary to cancel an enrollment, the tuition will be reimbursed in full provided notification of the cancellation is received earlier than four weeks prior to the course start date. SCA will issue the refund in full within 3-5 business days via the same method that the registration was initially made (credit card, check, etc) unless requested otherwise.

**10% PENALTY:** For cancellations received less than four weeks but earlier than two weeks in advance of the course start date, a late cancellation fee of 10% will be withheld from the refund.

**25% PENALTY:** If a cancellation is received less than two weeks before the course start date, a late cancellation fee of 25% will be withheld from the refund.

SCA reserves the right to cancel any course session at any time. The final decision to hold a course is typically made two weeks prior to the scheduled start date. If a course is canceled, registrants 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 refunded on or before the start of the class. **SCA is not responsible for any penalties incurred for having to cancel or change your own travel arrangements.** Please keep our cancellation policy in mind when planning your travel.

**VISIT OFTEN:** Due to the regular addition of new training courses, please visit our website at [scacompanies.com](http://scacompanies.com) 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 also offers 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 energy 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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