



# Subsurface Consultants and Associates, LLC

Serving the Oil & Gas Industry Since 1988

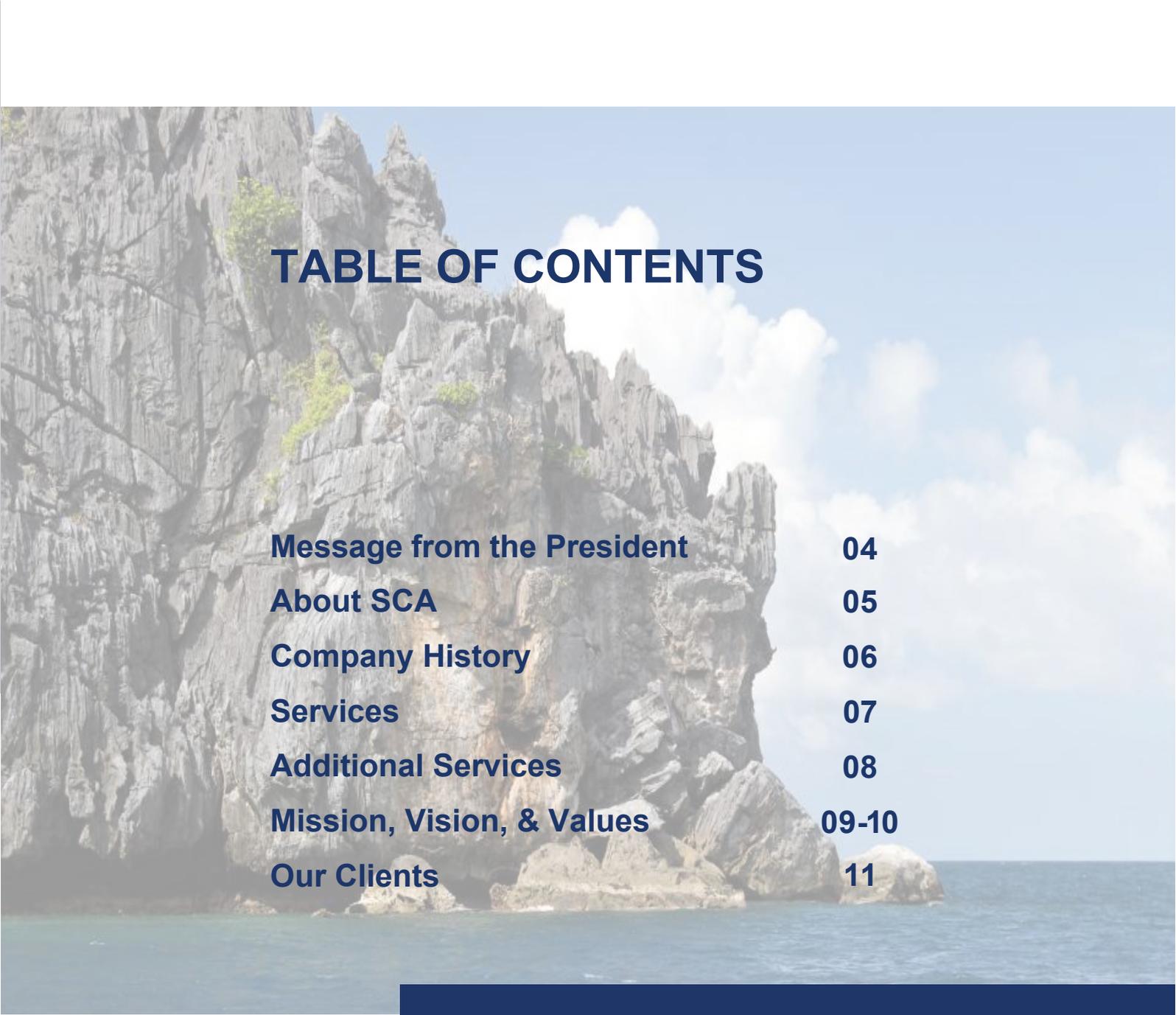


# SCA

SUBSURFACE CONSULTANTS

An International Consultancy & Training Company

# Excellence That Runs Deep.



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## WE PRACTICE WHAT WE TEACH

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We provide services with integrity and we honor our commitments. We trust, respect, and support each other.

SCA's consultants and instructors exemplify professionalism. Our Training, Geoscience and Engineering Consulting, Projects & Studies, and Direct-Hire Placement services are of the highest quality. We utilize oil and gas professionals who are experts in their fields and actively engaged in their areas of specialization.

For more information on how SCA can be of service, contact us at [scacompanies.com/contact](https://scacompanies.com/contact).

## MESSAGE FROM THE PRESIDENT



*Hal Miller*

“SCA’s founder, Dan Tearpock, impressed upon me from my first day of employment in 2004 his firm commitment to applying sound, proven geoscience and engineering principles to the search for oil and gas resources. For over 30 years, SCA has been providing upstream petroleum professionals across the experience spectrum with high quality continuing education and technical training. We are constantly innovating to meet the industry’s evolving training needs while continuing to emphasize the fundamentals that are essential to becoming a skilled geoscientist or engineer. SCA instructors are highly experienced with the latest technical tools and concepts and are adept at delivering engaging learning solutions utilizing various formats.

The consulting segment of our business allows SCA to stay abreast of industry trends in oil and gas exploration and development, and to maintain our commitment to technical excellence.”

*Hal F. Miller*

## ABOUT OUR COMPANY

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*Instructors reviewing maps prepared by participants during the project phase of the Daniel J. Tearpock Geoscience Boot Camp.*

***Subsurface Consultants & Associates, LLC (SCA)*** is a service provider to the upstream oil and gas industry that was founded in 1988 by Daniel J. Tearpock. We offer four primary services including geoscience and engineering consulting, upstream projects and studies, training services, and direct-hire recruitment. Other services include carbon capture utilization and storage geological consulting, A&D advisory, 3rd party & peer review, and mentoring. Our business focuses on consulting and recruitment of oil and gas related professionals and training that is current, timely, effectively formatted, and cost-efficient.

SCA is considered an industry leader in subsurface exploration and development interpretation and mapping. We provide the personnel, technology, and proven methodologies that foster success by enabling better business decisions.



Together SCA and IHRDC offer the oil and gas industry a broad spectrum of high-quality training content and effective blended learning delivery options that can be customized to fit the needs of our clients. We have agreed to initiate cross-marketing and selling of our respective products and services and, where appropriate, deliver joint services for the benefit of our international oil and gas industry clients.

IHRDC has set a worldwide standard of excellence through their e-Learning and Knowledge Solutions, Competency Management, and Instructional Programs.



## COMPANY HISTORY

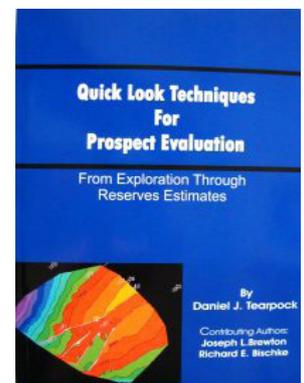
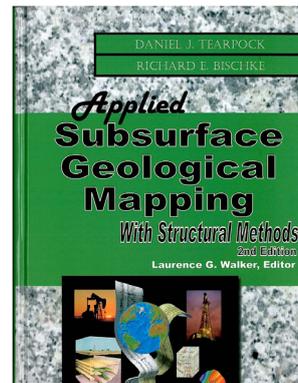
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*Founded by Daniel J. Tearpock in 1988*

### *Louisiana Origins*

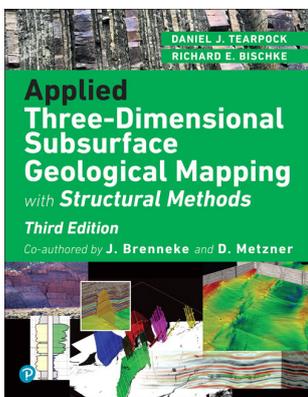
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Daniel J. Tearpock founded Subsurface Consultants & Associates, LLC (SCA) in Lafayette, Louisiana in 1988. Dan recognized the need for a comprehensive textbook on applied geoscience principles and methods to making maps of the subsurface, as well as the need for high quality, “proven oil finding” consultancy. SCA began as an alliance between Dan Tearpock and Dr. Richard Bischke to write “Applied Subsurface Geological Mapping”, a graduate-level industry textbook. In 1989, Dan, Dick, Hines Austin, and Jim Harris launched SCA’s consulting and training services. With the new textbook, the company’s consulting and training business grew rapidly and in 1994, Dan, Dick, and Joe Brewton wrote a second technical book, “Quick Look Techniques for Prospect Evaluation”.



### *Headquarters Move to Texas*

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After moving its headquarters to Houston, Texas in 1999, SCA continued to see steady growth in its training and consulting business and eventually divided its consulting operations into two divisions: Projects and Studies and Consulting. In 2008, SCA began offering Oil and Gas Investment Advisory Services, conducting technical evaluation, economic analysis, and due diligence for acquisitions and dispositions. Today, SCA has more than 50 instructors teaching over 60 different upstream geology, geophysics, engineering, management, field, and economic courses. Our training services are enhanced by our alliance with IHRDC, a provider of instructional programs, consulting and competency management and web-based knowledge and virtual learning systems to the oil, gas, and power industry worldwide.

## OUR SERVICES

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# Excellence That Runs Deep



### TRAINING

From its founding in 1988, SCA has provided technical training services around the world to tens of thousands of petroleum industry professionals of all experience levels. SCA offers courses publicly at our Houston, TX training facility, privately at client sites, or in a live online format in locations across the US and around the world.



### CONSULTING

SCA is a world leader in providing petroleum exploration, development, and production consultancy. We maintain an extensive portfolio of generalists and specialists that have conducted consulting assignments in over 50 countries in the majority of the world's major producing basins. Disciplines include geologists, geophysicists, petroleum engineers, petrophysicists, and technicians.



### DIRECT-HIRE RECRUITING

We are dedicated to delivering a product and service that meets our high standard of excellence and positions our clients to be successful. We conduct thorough candidate screening and technical due diligence to ensure that our candidates deliver the expertise, experience and teamwork skills needed to support your company.



### MENTORING

SCA's network of highly experienced, late-career geoscientists and engineers provides ideal candidates for combined mentoring and consulting opportunities. Consultant mentors can address their mentees' specific skill or experience gaps while fulfilling mentoring roles. External mentors have no direct supervisory responsibilities so mentees are more receptive to seeking their guidance.

“A well put together program with the perfect balance of lecture and practice work.” - Anna E.

## ADDITIONAL SERVICES



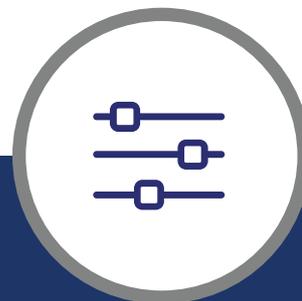
### PROJECTS & STUDIES

SCA provides multidisciplinary teams of consulting experts with the skills and firsthand experience to evaluate the full spectrum of global opportunities from rank explorations to enhanced recovery. This includes integrated regional or basin studies, frontier and wildcat exploration, appraisal and field development studies, mature field re-development evaluations, and preparation of asset development plans.



### QUALITY ASSURANCE

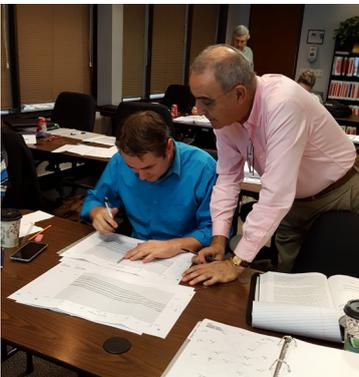
We provide teams of expert consultants with global experience in quality assurance to conduct reviews at the corporate strategy, play assessment, prospect portfolio, or major capital project sanctioning level. These reviews can help identify technical flaws or failures of logic, reduce uncertainty, mitigate risk, enhance decision quality and instill functional excellence.



### A&D ADVISORY

SCA can provide a team of consultants with asset-specific experience and technical expertise to quickly perform due diligence and an impartial commercial evaluation of acquisition targets. Examples of this service include: data room support, resources and reserves reporting, production decline curve analysis and forecasting, economic modeling and scenario building, and determination of fair market value and bid range for properties.

# MISSION, VISION, & VALUES



## Mission

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To be the leader in petroleum consulting and training services by:

- Employing the best people.
- Providing technical excellence in all of our services.
- Applying our proven philosophy and methodology for finding and developing oil and gas reservoirs.
- Providing our clients with the desired services they need to accomplish their objectives.
- Creating an effective and enjoyable work environment.
- Applying and promoting current industry technical thinking, skills, techniques, methods and processes.
- Seeking financial success benefiting our company, clients, industry and community.

## Vision: "Excellence that runs deep"

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SCA will be a global service provider throughout the Petroleum Industry with an emphasis on delivering technical excellence in subsurface interpretation, mapping, and reservoir description and dynamics. We follow our motto, "Excellence that runs deep" in all aspects of our business.

Our business will focus on Training, Consulting and Direct-Hire Placement of oil and gas related professionals. SCA's business is dedicated to delivering a product and service that meets our high standard of excellence, and positioning our clients to be successful. SCA will be known as the preferred source for high quality instructor-led, virtual and blended training options for critical skill development in the Geoscience and Petroleum Engineering disciplines in the Upstream Petroleum Industry.

## Values

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**Integrity, Trust, and Ethics** – SCA provides services with integrity and we honor our commitments. We trust, respect and support each other. We earn the trust of our clients and colleagues by operating with the highest ethical standards in all we do.

**Professionalism and Quality** - SCA's consultants and instructors exemplify professionalism. Our services in Training, Geoscience and Engineering Consulting, Projects & Studies, and Direct-Hire Placement are of the highest quality. We utilize oil and gas professionals who are experts in their fields and actively engaged in their areas of specialization.



**Diversity and Inclusion** - SCA believes that a diverse workforce can contribute more creative ideas to solving problems. Our commitment to diversity focuses on identifying ways to become a truly inclusive organization, where all people are valued and respected, and the contributions of all employees are leveraged for greater innovation, productivity, and performance.

**Innovation and Agility** - We anticipate change and respond to challenges with innovative solutions in a timely manner. SCA is agile and responsive to the changing needs of clients and embraces learning opportunities from our experience around the world.



**Mutually Beneficial Relationships** – We listen to our clients' needs and collaborate to provide cost-effective services that best achieve their goals. We build mutually beneficial relationships with our clients, consultants, trainers, suppliers, communities, governments, and other business partners.



## SAMPLE LIST OF CLIENTS



ConocoPhillips ExxonMobil



"I wholeheartedly recommend that any company needing deep expertise in integrated subsurface analysis for major projects or for training its workforce consider SCA to meet their requirements."

*Chandler T. Wilhelm*

Former VP, Unconventionals Business Unit - Americas

Shell Exploration and Production Company

AAPG Certified Petroleum Geologist #6020

**([Read the full Letter of Reference](#))**

**Subsurface Consultants & Associates, LLC**

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