



January 11-15, 2021
November 15-19, 2021

“A Practical Guide to Volumetrics and Risking”

by Erik Scott, PhD

This workshop is conducted online with 3.5 - hr sessions over 5 days

This course will cover the considerations needed when calculating in-place hydrocarbons and the chance of finding it. The mechanics of calculating volumes will be covered, however the focus of the course is on understanding how to determine appropriate rock and fluid property input ranges, implications of the different methods of volume calculation and how the output volumes are modified.

We will also relate the output range of hydrocarbon volumes with different types of risk involved with the oil and gas industry. We will conclude with a discussion on how the volumes and risk numbers are used in economic analysis.



Erik received his Ph.D. in Sedimentology from Louisiana State University working with Dr. Arnold Bouma. He has over 25 years' experience understanding petroleum systems working across the full life cycle of the industry; from regional geology, acreage evaluation, prospect maturation, discovery delineations, appraisal and development studies through to late field life recompletion evaluation and near field exploitation across six continents. He is a recognized industry expert in sedimentology, particularly in clastic depositional settings, and has expertise in the geologic analysis of seismic data and integrated petroleum systems evaluation. Erik is routinely called upon for peer reviews/assists evaluating all aspects of the petroleum system.

This workshop will adjust to participants experience level and interest as much as possible. Therefore, we will ask you beforehand to provide some information why you are taking this course, what your experience level is with the subject matter and the type of work you want to apply the learned content.

In addition, we are offering free follow-up consultation via email or phone to discuss and advise on your specific challenges and projects.

This course is available for single participants as well as small groups (multi-client) and large groups (inhouse) – see below.

COURSE CONTENT

- Review of the petroleum system elements
- Different methods, from simple to more complex, of calculating in-place hydrocarbons
- Advanced methods of hydrocarbon volume calculations
- Understanding risk assessment and how to determine it
- How the calculated volumes and risk will be used in economics
- Ascertaining appropriate input ranges for rock and fluid properties
- Understanding what the outputs of volume calculations represent
- Relating risk to volumes

YOU WILL LEARN

- Different methods, from simple to more complex, of calculating in-place hydrocarbons
- Ascertaining appropriate input ranges for rock and fluid properties
- Understanding what the outputs of volume calculations represent
- Relating risk to volumes

COURSE LOGISTICS AND REGISTRATION

- Time:** Monday, Jan 11 – Friday, Jan 15, 2021 at 8 – 11:30 am Central Time US (Houston) or per agreed time
Monday, Nov 15 – Friday, Nov 19, 2021 at 8 – 11:30 am Central Time US (Houston) or per agreed time
- Venue:** ZOOM Meeting Platform. If you require a different online meeting platform, we can arrange for that.
- Included:** Manual pdf, certificates on request follow-up support
- Price:** Single participant USD 975/900*; Multi-client USD 3,250, Inhouse USD 4,250
- Register:** [Follow link to register](#)

CONTACT TerraEx Group at info@terraexgroup.com or ++ 303 319 3043

Single participant - regular price for 1 participant (public schedule)

Single participant - discount price for 1 participant unemployed, academics and > 1 course booked (public schedule)*

Multi-client price for group up to 5 participants from the same company (public or custom schedule)

Inhouse price for group up to 25 participants from the same company (custom schedule)