

Value of Integrated Geophysics (VIG) 2016 Committee Report
January 24th, 2017

2016 Activities

The VIG committee was created in the spring of 2013 and we have continued to fulfill our mandate of promoting the value of geophysics and its countless applications to the CSEG, CSPG, APEGA, SPE and the finance community. We continue to be involved in a number of activities consisting of presentations, courses, inter-society outreach and other CSEG activities. In all, we gave, or coordinated, close to a dozen presentations and one course.

The 2016 season started with the February CSEG Luncheon VIG talk presented by Lee Hunt titled, "Value Thinking from the Classical to the Hyper-Modern".

With the mission of developing strong, inter-society connections of geoscientists and engineers to improve economic success in the oil industry, members of the VIG Committee presented at the SPE Technical Breakfast series in April 2016 at the Calgary Petroleum Club. The 3-part series was presented by Lee Hunt, David Gray and John Duhault. Titles of each talk were "A Critical Point", "Demystifying Geophysics" and "Applied Geophysics for Engineers Using Case Histories", respectively. A more complete description was captured as an article in the September 2016 Recorder.

The VIG Committee has an ongoing commitment to assist the 2016 Symposium Chair (Laurie Ross) by providing speakers to present. This year we continued with our theme of inter-society connections with Adam Yousefzadeh for Dr. Roberto Aguilera, a Distinguished Lecturer from the SPE who provided a paper titled, "Use of Petroleum Engineering Concepts for Estimation of Pore Stimulated Reservoir Volume and Prediction of Well Performance". We remained firm on value oriented talks with Lee Hunt who gave a presentation titled, "Addressing the Business Problem Involving Interfering Thin Sands with Timeslices and the Correlation Helix".

Continuing with more inter-society opportunities was the May CSEG Luncheon talk presented by Claudio Virues from the SPE titled, "The New in Microseismic Based Prediction of Ultimate Stage by Stage SRV through Engineering".

Also in May, coordinated by Ruth Peach, members of the committee met with Tom Sneddon, Director of Geoscience at APEGA, to brainstorm ideas about presentation and publication opportunities, web promotion, VIG champions, decision makers, and the possibility of presenting at annual APEGA Summits.

At GeoConvention in May, David Gray gave a talk titled "Fractured Fairy Tales", which dealt with how geoscientists should use their expertise to inform the public about things they care about, such as global warming/climate change and hydraulic fracturing.

The June 2016 VIG focus was provided by Paul Hausmanis who presented Lee Hunt's talk titled "The Value of Integrated Geophysics" to university students during the CSEG Foundation's Geophysical Industry Field Trip (GIFT).

In September 2016 John Duhault presented at the APEGA Luncheon with a VIG talk titled, "Geophysics: Maximizing Corporate Profits During Low Commodity Prices". The topic focused on how geophysics can be properly accounted for in planning capital expenditures to maximize asset value in today's low commodity prices.

In October 2016 John Duhault announced that as of January, he would step down as Chair of the VIG, because of his future responsibilities as President of the CSEG in 2017. That same month John attended the SEG Convention with Marian Hanna as the CSEG Executive and to promote VIG.

In November 2016, John Duhault presented the updated one-day VIG course during the CSEG's Doodletrain. The first half of the day included critical thinking and decision analysis processes followed in the afternoon by "valued added" case histories including a microseismic component presented by Matt Ng. Although the course was well received, the numbers were quite low due to the poor climate of the industry. John also presented at the CWLS Technical Luncheon a variation of the same talk that he did for APEGA.

Outlook for 2017

The committee plans to continue promoting opportunities that demonstrate the value of geophysics. To that end, we have some scheduled and future planned activities for 2017.

Planned activities:

- September 2017 Recorder – VIG Special Edition, Louis Chabot as Coordinator
- Continued interaction with SPE (Liaison: Paul Hausmanis)
- David Gray has been invited to participate in "The Modern Geoscientist" panel at the 2017 GeoConvention.
- GIFT Summer 2017, presented by Paul Hausmanis

2017 Future Vision and Activities

- Update VIG webpage to include a "VIG Library" (listing of articles) and create a VIG brochure to help geophysicists promote the value of geophysics to non-geophysicists within their companies
- Improved curriculum, title and description for the VIG Doodletrain course for 2017
- Outreach VIG message to other professional societies
- Brainstorm ways to deliver our message to the "C-Suite".

This year's efforts could not have been possible without the help from the committee members; their hard work and effort are always appreciated.

Current members: Paul Hausmanis (Chair, SPE Liaison), Ruth Peach, Dave Gray (Secretary, Recorder Special Edition Editor), Mike Hall, Laurie Ross, Ken Gray (CSEG Exec), Matt Ng, Louis Chabot, Patrick Tutty, Craig Christensen

Past members: John Duhault, Lee Hunt, Jessica Galbraith, George Fairs

Paul Hausmanis
VIG Chair 2016