

## From The Desk of Chief Editor



Dear SPGians and fellow geoscientists,

The special edition of GEOHORIZONS is being published on the occasion of Society of Petroleum Geophysicists, India's 12th Biennial International Conference & Exposition at Jaipur, India being held during November 17-19, 2017 at JECC, Jaipur, India with the theme "Energy Through Synergy". This is the 25th year of SPG and hence being celebrated as Silver Jubilee year. This will give an unique opportunity to present and share the benefits from technical experiences, achievements and advances made by fellow professionals. This issue of GEOHORIZONS contains seven interesting papers covering wide range of topics for the G&G fraternity.

I am sure that all the seven papers in this journal are worth reading, covering variety of topics and you will end up reading this at one go. These topics will for sure add value to the readers' knowledge base.

The efforts put up by Dr. Satinder Chopra from Canada, a founder member of SPG India have been tremendous in making this issue highly attractive technically by adding papers from global industry experts. He, as an external reviewer has put up efforts in reviewing the papers and gave valuable comments.

In the first paper titled "A New Low-Cost Way to Include S-Wave Data in Prospect Evaluation" authored by Mr. Bob A. Hardage. He discussed the concepts of practicing S-wave reflection seismology with P-wave sources and concluded that SV-P data extracted from vertical-geophone responses are an excellent choice for providing lower-cost S-wave information to the global seismic community.

In the second paper titled "Sounds Like Oil....?" by Dr. Per Avseth presented the basic concepts of rock physics and link to G&G.

The third paper titled "Non-seismic Methods: RAS, SPI and AS Magnetic Basement Depth Estimation" authored by Mr. Mario E. Sigismondi, et.al.

The fourth paper titled as "Shale Petrophysics, Rock Physics and Geomechanics with Applications to the Indian Shale Prospects" by Ms. Manika Prasad, presented rock physics, rock mechanics, and petrophysics analyses to study unconventional reservoirs, such as shales alongwith a few examples from tight sands.

The fifth paper titled, "Virtuous Circle of Seismic Interpretation Attributes" by Mr. Luis Vernengo and Eduardo Trincherro, presented a high frequency amplitude volume technique workflow applied to seismic data after broadening bandwidth and its positive impact on the comprehension of the structural and stratigraphic elements in the subsurface architecture.

The sixth paper titled "Reservoir Connectivity Analysis by Integrating Probabilistic Distribution of Fluids and Facies with Stochastic Inversion" by Mr. Sanjeev Rajput et.al., described an innovative workflow for reservoir connectivity analysis and highlighted the effective integration of probabilistic distribution of fluids and facies with stochastic inversion derivatives and static model.

The seventh paper titled as "Petrophysical Analysis of Unconventional Reservoirs Using Conventional Logs" authors Mr. Naresh Kumar et.al, attempted an integrated petrophysical evaluation methodology using conventional logs to identify unconventional reservoirs and validation of this methodology with NMR log, SWC results and formation testing results of wells from Cambay Basin.

I take this opportunity to welcome you all to the 12th Biennial International Conference & Exposition at Jaipur, India during November 17-19, 2017, which will give exposure to the advancements and opportunity to share the knowledge with industry and academia experts. I request your contribution in the form of good number of quality papers for the forthcoming issues of GEOHORIZONS.

With warm regards,

A handwritten signature in blue ink, appearing to read "C. Visweswara Rao". The signature is fluid and cursive, written over a white background.

(C Visweswara Rao)