



from the desk of editor



Geohorizons

Dear SPGcians and fellow geoscientists,

I invoke your indulgence with growing passion for technical literature with the issue of June, 2011 of GEOHORIZONS , which is before you. The issue took some time because of changes in editorial board. Such changes are natural process bound to happen in a course of time. Majority of papers in this issue are addressing frontiers of exploration, issues of our times. A couple of papers published in technical conferences are reproduced here for wide circulation. Delineation of high impedance reservoir within basal clastic sand (BCS) unit of Panna Formation of Eocene age with the help of impedance taken in a window brought out reservoir in areas where that was previously thought to be absent. In another paper a meandering channel associated with low impedance and bright amplitudes has been brought out within Panna Formation indicating gas accumulation. The 'Q' estimation applying non-linear (Gauss Newton) method and subsequent application of inverse 'Q' filter in seismic data may help in improving the resolution of events in-turn resulting into improved reservoir characterization. The paper on seismic image analysis with the help of attribute-Laplacian edge for mapping fracture network may yield positive results in basement exploration. The attribute- Laplacian edge in P-wave seismic data along with the combination of other attributes e.g. curvature, coherency and 'Q' may act as robust tool to look into assemblage of fractures in fractured rocks.

News items are also growing in number in different chapters of SPG throughout the length and breadth of the geographical area. An effort has been made to cover these events briefly in the journal. I look forward to frequent organizing of these technical lectures , workshops and interactive meets as fora of knowledge sharing and dissemination to make society's chapters vibrant and pulsating knowledge centres.

With this issue I welcome your participation in the form of contribution of papers in the following issues and suggestions to set this journal research in motion.

With warm regards,

Arun K Arya