



Dear SPGians,

I take this opportunity to wish all the readers of this esteemed geo-scientific periodical a very happy, prosperous, and a vibrant new year!

This edition of GEOHORIZONS holds a place close to my heart as it is the first one to be published after I assumed full-fledged charge of President of SPG, India. As is true of any good journal, GEOHORIZONS, since its inception, has evolved continuously and has come a long way. Till now SPG has published twenty-eight volumes of GEOHORIZONS which was possible only through consistent efforts of various editorial boards, esteemed authors, guidance, and direction from the SPG Central Executive Body and above all able support from its readers.

To remain relevant in the changing energy dynamics, emergence of new technologies and application of AI/ML in the E and P industry, a continuous evolution of this periodical is a must. The current editorial board has taken major steps in this direction by introducing new columns, accepting quality articles, memoirs from the doyens of exploration domains, and accepting feedback from the readers for further improvement.

In this issue of GEOHORIZONS, a wide range of technical articles, including research in frontier areas, a thought-provoking interview providing industry insights have been included. This issue has also increased its amplitude and spectrum through inclusion of articles on non-seismic and well logging domains also. Articles related to seismic reservoir characterization, Impedance variation with angle and imaging of fractured basements have also found a place in this issue to satiate seismic taste buds of its readers. The oil and gas industry, under Industrial Revolution 4.0, is adopting AI and ML in its workflows proactively. Articles on neural network and deep machine learning-driven seismic and well data interpretation is a testament to the same. I strongly believe that the articles, being published in this issue will be immensely beneficial in bolstering and augmenting the knowledge of our esteemed members.

Scientists, researchers, and experts from the fields of geoscience must continue to collaborate closely with each other to expand our knowledge and create more opportunities for progress. Sharing our knowledge is an excellent way to create a legacy. As the famous spiritual leader Dalai Lama once said, "Sharing your knowledge is a way to achieve immortality". With this thought in mind, I am confident that GEOHORIZONS has the potential to reach incredible heights of success with the commitment, support, and contributions from all involved - especially future authors.

Our society was born with the aim to "achieve technical excellence through the exchange of ideas and practical experience." Biennial conferences organised by our society provide such a platform for its members. It gives me immense pleasure in announcing that the 14th Biennial SPG Conference 2023 will be organized in the first week of November 2023, details of which will be announced soon as they become available. It would be a great opportunity to renew contacts personally and professionally, learn about the latest and exciting techniques and workflows, and widen our sphere of awareness and knowledge.

As a team, we can foster growth, innovation, and progress in the E and P Industry. With collaboration, collective wisdom, and pooling our knowledge and resources, we can achieve more than we can ever imagine, and contribute towards the realization of our nation's expectations.

Wishing this issue of GEOHORIZONS a great success. 

- Vishal Shastri
President, SPG India