



ROSEMARIE GEETAN

Houston, TX | 713-377-0025 | Rosemarie@bifrostenergy.com | [linkedin.com/in/rosemarie-geetan/](https://www.linkedin.com/in/rosemarie-geetan/)

I have more than 25 years of oil and gas industry technical and leadership experience in subsurface characterization and technology development and deployment in geophysics and digital rocks. I bring deep geophysical expertise and a wealth of research program coordination experience and product development leadership. As part of the Bifrost Energy team, my passion is to integrate environmental and social issues into business decisions and processes for our customers and to create more sustainable energy solutions.

Team Leadership | Mentoring & Coaching | Problem Resolution | Technology Development and Deployment
Project Management | Communications and Engagement | Design Thinking | Digital Acumen
Agile Project Management | Subsurface Integration Specialist | Geophysicist

PROFESSIONAL EXPERIENCE

Bifrost Energy, Houston TX **Chief Sustainability Officer**

March 2021 – Present

www.bifrostenergy.com

Responsible for developing the “green practice” to integrate environmental and social issues into business decisions and processes for our customers, aligned with UN sustainability “meeting the needs of the present without compromising the ability of future generations to meet their own needs”. As sustainability champion, I am responsible for driving global strategy and policy into Bifrost Energy’s low-carbon energy solutions.

BP, Houston TX

May 1996 – January 2021

Rock & Fluid Characterization Technology Manager, July 2016 – January 2021

Led a very diverse multi-disciplinary global team in technology development and deployment of impactful business solutions. Developed and implemented technology strategies with focus on the company’s highest value priorities.

- Enhanced the user and customer experience in making informed science-based decisions for energy solutions.
- Developed, deployed, and scaled up subsurface technology solutions with significant value creation while increasing efficiency of digital toolkits and workflows by 98%.
- Doubled global deployment and scale-up of multiple technology programs while increasing opportunities for novel application to more complex problems through innovation and collaboration.
- Developed and managed the intellectual asset strategies, developed partnerships and collaborations, and managed third party budgets and contracts for the various research programs.
- Created and managed plans, budgets, and people resources to deliver the various technical solutions into the business teams.
- Supported regulatory requirements, Research & Development (R&D) Tax Credits, and internal assurance requirements.
- Presented the value proposition and research progress to numerous internal and external stakeholders and prepared numerous reports and documents for internal and external customers.
- Shifted the dial in innovation in the various research programs through focus on data and discipline integration and technology scale-up.
- Established greater partnerships with internal support teams to drive joint development and productization of internal toolkits and workflows.



Reservoir Geophysics Research & Development Manager, July 2013 – June 2016

Drove innovation in a very key area to unlock new global opportunities. Strongly believe that “no failure leads to no innovation” and created a safe space for the team to rapidly learn through experimentation to deliver the best products to the customers.

- Delivered numerous innovative and novel geophysical solutions with direct impact on global business.
- Oversaw active recruitment and performance management of team members and staff.
- Responsible for program management of R&D portfolio in 4D Seismic, Borehole Geophysics, Seismic Rock Properties and Seismic Modeling.
- Oversaw multi-year project plans and staff resource allocation.
- Leveraged 3rd party suppliers and initiated collaborations with key Universities.
- Developed the Borehole Seismic Strategy and developed borehole seismic processing workflows, including Distributed Acoustic Sensing (DAS) data.
- Led a global team of experts, provided direction, and set performance expectations.

Geophysicist, May 1996-June 2013

Numerous business and technical contributions across the value chain from geophysical data acquisition through interpretation and analysis through to prospect generation. Project managed United States onshore geophysical data acquisition and processing projects.

- As Community of Practice Leader, connected the global geophysical community with focus on sharing best practice, case studies and lessons learnt.
- Responsible for delivery of seismic and other geophysical data as fit for purpose products onto interpreter’s desk in support of drilling portfolio optimization.
- Analyzed and integrated seismic and rock property data, performed forward modeling and advanced attributes analysis and amplitude variation with offset.
- As geophysics assurance lead, I ensured that the data was fit for purpose and seismic plans for life of field were periodically refreshed.
- Acquisition Project Manager for US Onshore seismic projects.
- Coordinated external seismic processing, performed processing quality assurance, performed seismic interpretation, and led seismic attributes work.
- Developed the strategy, designed, and implemented integrated geophysical technology plans.

EDUCATION

Graduate Certificate in Sustainability Management and Policy

Penn State World Campus (expected December 2021)

Master of Science – Geophysics

University of Houston

Bachelor of Science – Pure and Applied Physics, Minor in Chemistry

University of The West Indies, Trinidad and Tobago

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Leadership Mastery, Direct leadership coaching and support from external consultants.
Numerous courses on technology and project management, digital skills, and agile methods.

Rosemarie Geetan | Houston, TX | 713-377-0025 | Rosemarie@bifrostenergy.com