Principal Investigator Experimental Petroleum Geomechanics, Royal Dutch Shell

The mission and primary purpose of the Shell Rock & Fluid Science program is to develop and execute state-of-the-art experimental capabilities that support maximizing the economic recovery from current and future Shell hydrocarbon reservoirs. Delivery of robust basic Petrophysical, Geochemical, PVT and Reservoir Engineering data is essential to generate realistic models of the subsurface for investment decisions, concept selection, acreage acquisition, and new business development.

As the principal investigator for experimental geomechanics the primary role is to design, execute and deliver a first-class and cost-effective experimental R&D program in geomechanics, and providing assistance to Scientist and Engineers in other programs by delivering sound laboratory/research results and analyses. This does also include the development of industry-leading laboratory capabilities to enhance the recovery of oil and natural gas in Shell’s assets.

**Key elements of the job are:**

* HSE performance, commitment to Goal Zero
* Working in a global team distributed over two locations (Rijswijk. Houston). Main location is in The Netherlands, Rijswijk
* Advising stakeholders with the design of experimental programs, oversee execution of these programs and provide QA/QC of third party experimental results
* Combine applied and fundamental research
* Keep abreast of competitor, industry, and academic developments in geomechanics and related fields
* Strengthen Shell's IP rights through publications and patents
* Personal accountability in the execution and delivery of geomechanical R&D projects

**Qualification:**

* Senior geomechanist preferential with PhD and substantial experience from experimental research
* Track record of research and innovation demonstrated through publications and industry presentations
* Ability to lead project delivery and coach/train technical staff
* Understanding the role of geomechanics in the oil industry and through the full project/asset life-cycle
* Commitment to Goal Zero and ability to drive improvements in a safety culture
* Strong interpersonal, communication, and networking skills to work with numerous stakeholders and work effectively across organization boundaries
* A genuine belief in and respect for people where diversity and differences are seen as opportunities for enhancing Shell’s performance

**Contact for more information:**

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