



GULF RESEARCH PROGRAM

# The Gulf Research Program's Safer Offshore Energy Systems Initiative



# The Gulf Research Program (GRP)

- A \$500 million, 30-year program (2013 - 2043) managed by the Academies.
- Funds grants, fellowships, and other activities.
- Directed to operate in three areas:
  - Offshore energy system safety
  - Human health
  - Environmental resources
- Directed to work via three mechanisms:
  - Research & Development
  - Education & Training
  - Environmental monitoring

# For the first 5 years, the focus and objectives under the Safer Offshore Pillar were...

*To foster minimization and management of risk to make offshore operations safer for both people and the environment*

- Characterize **deepwater processes** and ecosystems to better understand the offshore energy work environment.
- Support **fundamental scientific and technological research** to spur innovation aimed at reducing or managing risks associated with offshore energy systems.
- Develop and implement **educational or training programs** to promote a skilled and safety-oriented workforce
- Encourage **collaboration** among industry, regulatory, and academic communities to advance understanding and communication about systemic risk in the offshore environment.

...and we will refine or revise these for maximum impact over the next 5 years

# New Strategic Plan

- How can the Academies have a lasting and significant impact on offshore safety in the oil and gas industry?
- In the next 6 months:
  - Refine or reframe the goal for the oil safety pillar
  - Establish objectives that are SMART - specific, measureable, actionable, results oriented, and on a timeline
  - Develop 5- and 10-year operational plans to meet the objectives





# If you'd like to chat or contribute, let me know!

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## Important Links

Gulf Research Program: <http://www.nationalacademies.org/gulf>

Email updates: <http://www.nas.edu/gulf/enews>