



Friday, November 13, 2009 ExxonMobil Exploration Company, Houston, TX

Morning Program

| Time | |
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| 9:00 to 9:15 | Registration & Coffee |
| 9:15 to 9:30 | Welcome and Introduction |
| 9:30 to 10:00 | <p>Keynote: Small Sea Changes: Big Infrastructure Impacts (Speaker TBC)</p> <p>The keynote will give a high level overview of the workshop theme. The major focus will be on the growing need for industries and government bodies to accommodate uncertain long-term environmental change into the design, protection and management of key infrastructure.</p> |
| 10:00 to 10:30 | <p>The Role of the Oceans Quenton Dokken – Executive Director, Gulf of Mexico Foundation</p> <p>This presentation will link ocean observation and forecasting to the understanding and prediction of coastal hazards. It will introduce the role of ocean observing systems at a global, regional and local scale.</p> |
| 10:30 to 11:00 | <p>Regional Coastal Hazards Virginia Burkett – Chief Scientist for Global Change Research, USGS</p> <p>This presentation will describe the hazards affecting infrastructure in the Gulf Region and introduce current knowledge of how these hazards may alter in a changing climate.</p> |
| 11:00 to 11:30 | Coffee Break |
| 11:30 to 12:00 | <p>Making Effective Use of Uncertain Information Randall Freed – Senior Vice President, ICF International</p> <p>This presentation will describe the difficulties associated with using uncertain information in asset design and management and explore why present approaches to ensuring adequate protection against coastal hazards are no longer sufficient. It will introduce the concept of a risk-based approach.</p> |
| 12:00 to 12:30 | <p>Change in the Gulf of Mexico Region Mike Savonis – Senior Policy Advisor, FHWA</p> <p>This presentation will focus on the impacts of a changing environment on Gulf regional infrastructure. It will draw on the speaker’s work as a lead author of the recent US Global Change Research Program report ‘Impacts of Climate Change and Variability on Transportation Systems and Infrastructure: A Gulf Coast Study’.</p> |
| 12:30 to 2:00 | Break for Lunch |



Small Sea Changes: Big Infrastructure Impacts

Workshop Agenda

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Afternoon Program

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| 12:30 to 2:00 | Lunch and Networking |
| 2:00 to 2:30 | <p>Case Study I - Oil and Gas Infrastructure Gene Berek - ExxonMobil</p> <p>A case study of risk based assessments in the offshore oil and gas industry.</p> |
| 2:30 to 3:00 | <p>Case Study II - Utilities Randy Helmick - Vice President of Transmission, Entergy</p> <p>A case study of risk based assessments in the utility industry.</p> |
| 3:00 to 3:30 | <p>The Integrated Ocean Observing System Zdenka Willis - Director, NOAA IOOS</p> <p>An outline of plans for a sustained integrated ocean observing system meeting the needs for better understanding of coastal hazards in the Gulf of Mexico.</p> |
| 3:30 to 4:15 | <p>Panel Discussion</p> <p>A panel comprising speakers and invited experts will discuss how implementation of a comprehensive sustained Integrated Ocean Observing System can support an improved ability to adapt to changing coastal hazards in the Gulf region.</p> |
| 4:15 to 4:30 | Summing up by the chair |
| 4:30 to 5:00 | Coffee and an opportunity for informal discussion with speakers and delegates |