

***Research and Technology Needs for Deepwater Development  
Addressing Oil Recovery and Effective Cleanup of Oil Spills***

***Technical Forum  
July 22, 2010***

**Sponsors**



imagination at work





# Agenda

0900 – 0930	Registration and Coffee
0930 – 0940	Welcome, introductions
0940 – 1000	<b><i>The Research Partnership to Secure Energy for America: Refocused and Responsive</i></b> Dr. Steve Holditch, Chairman of the RPSEA Board of Directors
1000 – 1030	<b><i>Keynote: Observations from The Deepwater Horizon Incident</i></b> Dr. Edward Overton, Professor Emeritus, Dept. of Environmental Sciences, Louisiana State University
1030 – 1100	<b><i>Special Congressional Discussion – Update from Washington D.C.</i></b> Congressman Kevin Brady, District 8, Texas
1100 – 1115	Break
1115 – 1245	<b><i>Panel Discussion – What’s Going On? What Else Can Go Wrong? - Hearings, Briefings and Other Items</i></b> Tom Williams/Nautilus: <i>The U.S. Department of Interior’s Response</i> Paul Martin/MMS—Retired: <i>History of the TA&amp;R Program</i> Quenton Dokken/Gulf of Mexico Foundation: <i>Valuation of Ecosystem Services</i> David Dietrich/AcuSea, Inc: <i>Oil Spill Modeling</i> Greg Anderson/Moody International: <i>Creating A Culture of Well Control Safety</i> followed by other items and discussion/brainstorming session
1245 – 1255	<b><i>Overview of Breakout Sessions</i></b> There will be three simultaneous breakout groups – one for each of three areas (preventive technologies, response technologies, ecosystem monitoring/valuation). Two sessions will be held to allow participants to have input into more than one area.
1255	<b><i>Boxed lunches distributed – to be taken with you to Breakout Session I</i></b>
1300 – 1400	<b><i>Breakout Session I – Defining the Needs</i></b> – first brainstorming round to identify needs and prioritize.
1400 – 1415	Break
1415 – 1500	<b><i>Breakout Session II – Prioritizing the Needs</i></b> – review the needs and confirm prioritization.
1500 – 1545	<b><i>Plenary Review of Breakout Sessions</i></b> (Breakout Session Reports)
1545 – 1600	<b><i>Where do we go from here?</i></b> Recapping the Day

## Suggested Questions

### Preventive Technologies:

1. What technologies are needed, what research needs to be performed to prevent incidents from occurring in the first place?
2. What technologies are needed, what research needs to be performed to improve safety, protect the environment, and ensure wellbore integrity of offshore operations?
3. What are the technology gaps and future research needs?

### Response Technologies:

1. What research is required to minimize response time to an incident, so that environmental impact is minimized?
2. What technologies are needed, what research needs to be performed to address the following?
  - Prevent the spill from moving onshore
  - Reduce the environmental impact
  - Speed the degradation of any unrecovered oil while minimizing the harm on the ecosystems
  - Mobilize rapid well intervention/containment standby equipment
3. What are the research needs concerning restoring the ecosystem and environment?
4. What are the technology gaps and future research needs?
5. What modeling expertise needs to be developed?

### Ecosystem Monitoring/Valuation:

1. What technologies are needed, what research needs to be performed to develop an understanding of the value of ecosystem services and location identification of high value in a seasonally dynamic ecosystem?
2. What technologies are needed, what research needs to be performed to determine the value of ecosystems?
3. What research needs to be performed in the deepwater, coastal regions and Gulf Coast wetlands, in order to identify high value areas to place monitoring and early warning devices?
4. What work needs to be done to develop monitoring and early warning devices?
5. What are the research needs concerning restoring the ecosystem and environment?
6. What needs to be researched concerning the resiliency of the ecosystem/environment?
7. What are the technology gaps and future research needs?

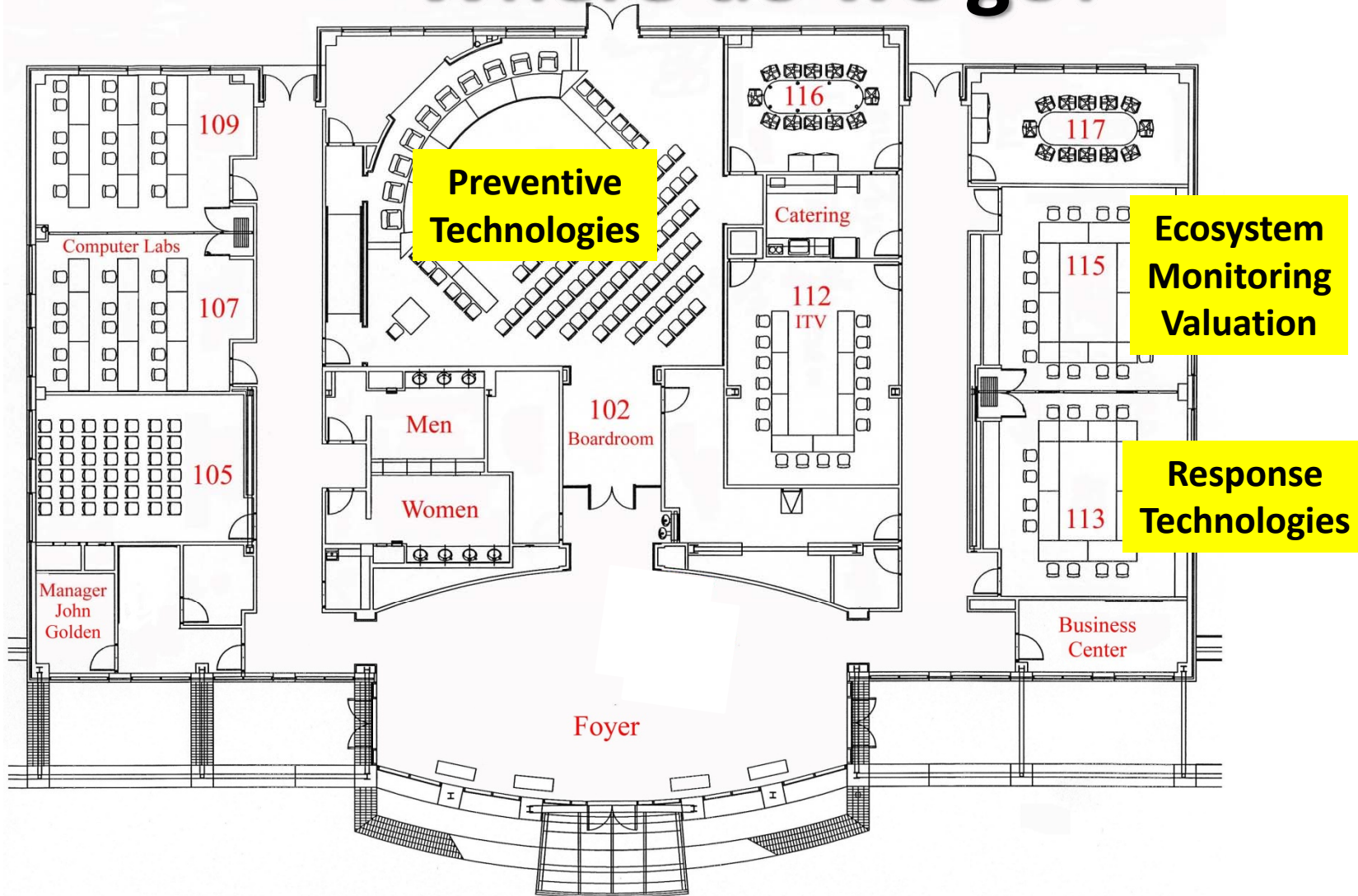
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**Breakout Sessions: There are two!**

- ***First session: identify the needs and select the top three priorities within the group’s assigned topic.***
- ***Second session: identify other opinions about priorities, identify gaps, and record other topical issues.***

# Where do we go?



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