

Marine Board Fall 2016 Meeting

Challenges in Maritime Risk Assessment



Planning Group

- Dr. Ali Mosleh
- Dr. Mary Brooks
- ADM Jim Card
- Mr. Ed Comstock
- Mr. Bud Danenberger
- Dr. Don Liu
- Mr. Ned Moran
- Dr. Karlene Roberts



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Sponsor Framing Questions



- **Methods**
- **Gaps and limitations**
- **Data issues**
- **Multidisciplinary approaches**
 - *Quantitative/Statistical + Qualitative/Social Science, Human Factors, Expert Judgment*
- **Standards, policies & guidelines**
 - *Best Practices, Lessons Learned, Organizational Learning/Improvement*
- **Promise of new methods**
 - *Multidimensional statistics, hybrid quant/qualitative,*
 - *Big Data/sensors/IoT/machine learning/visualization,*
 - *Model-based Risk Assessment*
- **Applications**
- **Next Steps**

