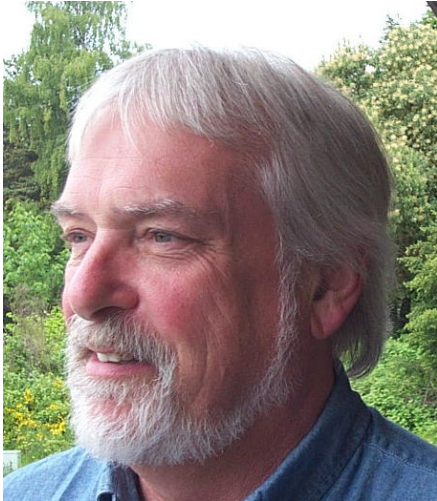


Biography:

Dr. Ed Owens, Principal, Polaris Applied Sciences, Inc



Dr. Ed Owens is a Principle with Polaris Applied Sciences, Inc. and is recognized expert on oil spill shoreline response.

- He has conducted oil spill related missions for the UN, the IMO the World Bank and was a member of the U.S. National Academy of Science Oil Spill R&D Committee.
- Dr. Owens has 40+ years of experience in spill response and training worldwide
- Response operations for which he has provided technical support include: T/V *Arrow* (Canada, Nova Scotia), Hasbah 6 blowout (Arabian Gulf), T/V *Exxon Valdez* (USA, Alaska), Arabian Gulf/Desert Storm (Bahrain, Qatar), Kominest pipeline (Russia), and
- He is currently the Technical Advisor to BP for Shoreline Response and the Shoreline Cleanup Assessment Technique (SCAT) program in the Gulf of Mexico Macondo oil spill.



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