

**EDUCATIONAL WEBSITE SUPPORTS INNOVATIVE  
OIL & GAS EXPLORATION SUPPORT PROJECT**

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Argonne National Laboratory and the University of Arkansas are working jointly on a DOE-funded project to develop a Probabilistic Risk Based Decision Support for Oil and Gas Exploration and Production Facilities in Sensitive Ecosystems. The goal of the project is to identify and encourage environmentally-friendly technologies and approaches for producing natural gas from the Fayetteville Shale formation in Arkansas. Argonne designed and prepared an educational website to provide public outreach on the Fayetteville Shale formation and to describe the process steps used to produce natural gas from a shale formation. The website also describes recommended technologies and management practices for minimizing environmental impact during each step. It further provides summaries of state and federal regulatory requirements relating to each step, with links to the actual regulatory text. The presentation will describe the design process that led to the educational website, including audience definition, scope determination, needs assessment and prioritization, site architecture development, and navigation design. We will also provide an overview of the website including sample screenshots.

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