

## LECTURER'S VITAE

### IAEA-ARGONNE TRAINING COURSE

**Name:** Margaret MacDonell

**Present Position:** Principal Environmental Systems Engineer

**Affiliation:** Environmental Science Division, Argonne National Laboratory

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#### Scope of Present Duties:

Conduct environmental health risk analyses that integrate contaminant fate, exposure, and toxicity data, and develop communication materials to guide health protection and sustainability measures. Program applications range from site remediation and waste management to emergency preparedness planning and citizen sensing of environmental quality. Also serve as instructor for US Navy and Environmental Protection Agency (EPA) courses on health risk assessment and cumulative risk.

#### Most Relevant Past Experience:

Project manager for environmental and technology evaluations at remediation sites; assessing end states for several Department of Energy (DOE) legacy waste sites; developing a national resource document for cumulative risk assessment at contaminated sites, including a methods toolbox; and evaluating US soil cleanup levels to guide EPA's update of a national preliminary remediation goal.

#### Educational Background:

PhD, Civil/Environmental Health Engineering, Northwestern University, 1986  
MS, Civil/Environmental Health Engineering, University of Notre Dame, 1981  
BS, Biology, University of Notre Dame, 1979

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