



Colorado School of Mines  
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Web site: <http://www.mines.edu/Research/>

## ***Center for Environmental Risk Assessment (CERA)***

The mission of the Center for Environmental Risk Assessment (CERA) at CSM is to unify and enhance environmental risk assessment research and educational activities at CSM. By bringing diverse, inter-disciplinary expertise to bear on problems in environmental risk assessment, CERA facilitates the development of significantly improved, scientifically-based approaches for estimating human and ecological risks and for using the results of such assessments. Education and research programs within CERA integrate faculty and students from the departments of Chemical Engineering and Petroleum Refining, Environmental Sciences and Engineering, Chemistry and Geochemistry, Economics and Business, Mathematics and Computer Science, and Geology and Geological Engineering.

### ***Background:***

- University-approved Center
- Created in 1994
- Risk assessment from a unique earth science and engineering perspective

### ***Areas of Expertise:***

- Exposure assessment, dermal absorption
- Hazard identification, fate and transport
- Cost/benefit analysis, risk management
- Statistics
- Risk communication

### ***Sponsoring Organizations:***

- |   |                                    |                                   |
|---|------------------------------------|-----------------------------------|
| • Environmental Protection Agency                         | • National Science Foundation      | • U. S. Department of Agriculture |
| • National Institute of Environmental Health and Sciences | • U. S. Department of Energy       | • U. S. Air Force                 |
| • National Institute for Occupational Safety and Health   | • U. S. Department of Defense      |                                   |
|   | • U. S. Department of the Interior |                                   |

### ***Method of Technology Transfer:***

- Agency reports
- Student theses
- Presentations and professional meetings
- **Web site:** <http://www.mines.edu/research/cera/>

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