

# **Using a Database and AutoCAD Software for Campus Planning, Maintenance and Emergency Management**

## **Presenter(s)**

Jason Sampson, Washington State University

## **Abstract Text**

Washington State University (WSU) is a land grant institute with over 21,000 students, 300 buildings, and 1,500 laboratories sited on 5,500 acres. WSU Environmental Health and Safety (EH&S) utilizes a database to maintain information on: Spill Prevention Control and Countermeasure (SPCC), polychlorinated biphenyl (PCB) management, Emergency Planning and Community Right-to-Know Act (EPCRA), Lab Signage Program, Chlorofluorocarbons (CFC) management, contaminated site remediation, and Municipal Storm Water Phase II permit. EH&S uses this database and corresponding CAD files for environmental compliance, emergency management, facility maintenance, emergency response, spill response, and the development and planning of future construction and demolition projects.

Utilization of the database and CAD files facilitates more effective, efficient, and safe facility maintenance and emergency management and response by providing information regarding possible hazards and location of high hazard/high volume chemicals. This information is shared with campus police, city fire and police departments and local emergency dispatch to aid in emergency response. Facility maintenance and construction use this information for scheduled maintenance, construction/demolition and emergency situations.

## **Presenter Bio(s)**

Jason Sampson graduated from Montana State University with a degree in chemical engineering. He has been in the hazardous waste industry ten years working at Montana State University, Washington State University and as a private consultant. He is in charge of PCB management, the SPCC program, and EPCRA program. He also manages hazardous waste and responds to chemical spills.