

# Press Release

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## **Spatial Data Integrations, Inc. (SDI) To Develop Ice Storm Impact Model for the U.S. Army Corps of Engineers.**

LOUISVILLE, Ky., November 11, 2010 –The United States Army Corps of Engineers (USACE) – Louisville District contracted Spatial Data Integrations, Inc. (SDI) to develop an ice storm impact model.

The term ice storm is used by the National Weather Service to describe a weather event that produces an accumulation of ice during freezing rain, ¼ inch or more. It can be one of the most dangerous forms of weather. Not only are roads hazardous, but ice can coat trees, bushes and power lines. Due to the weight of ice, an ice storm can cause severe damage to a large area: pulling down trees and power lines, causing numerous people to be without power for days, and slowing relief efforts due to hazardous roads. In addition to damage and power outages from an ice storm, injuries and fatalities can occur over large areas.

SDI will develop an Ice Storm Impact Model used as a decision support tool in assisting the USACE with information for relief efforts throughout the United States. The model will be based upon input and experience provided by the USACE, Tulsa National Weather Service Weather Forecast Office and the Oklahoma Association of Electric Cooperatives. The model will be developed using .NET and will integrate Microsoft Office and ESRI's ArcGIS. By integrating the two types of software, SDI can enable the USACE to produce visually pleasing outputs and allow for easy, user-friendly editing capability of the outputs that will be used for planning and analysis, such as forecasting and risk analysis.

Founded in 1994, SDI is a full service, ISO 9001:2000 compliant geospatial services firm providing a wide variety of geospatial solutions, including database design and maintenance, systems and data integration, military intelligence and homeland security, emergency management and response, and application development. With locations in Louisville and Grayson, Kentucky and Greenwood, Indiana, SDI specializes in providing high quality digital mapping and geospatial services to government, utilities and private sector businesses.

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