

# GIS USERS OF NORTHERN OHIO

The **GIS USERS OF NORTHERN OHIO** (GUONO) is an informal group that promotes geographic data sharing, encourages data standardization, and provides a network for the exchange of technical information between all GIS users. Our goals include developing a forum for open discussion of GIS issues and encouraging personal communication between GIS users of all skill levels in the public, private, non-profit and educational sectors.

## Mark your calendar and join us:

**July 12<sup>th</sup>, 2010 from 1:30 to 3:00 at the Cleveland Metroparks' Canalway Center**

In the days following the catastrophic January 12, 2010 earthquake in Haiti, Kucera International Inc. in collaboration with the Rochester Institute of Technology (RIT) and ImageCat of Long Beach, California was sponsored by the World Bank to perform a high resolution aerial LiDAR and multispectral image survey of primary earthquake damaged areas and fault zones. The surveys were performed from Kucera's dual-sensor port twin-engine aircraft using Kucera's Leica ALS60 aerial LiDAR system and RIT's WASP multispectral sensor. The aerial flyover was conducted from January 21 through January 27 and covered Port-au Prince, Leogane, Petit Goave, Grand Goave, Fermante, Jacmel, and the western and central Enriquillo fault line. The team members worked round-the-clock to process and distribute the aerial data immediately following acquisition to the World Bank and other assisting organizations. The data is currently being used for the ongoing relief and rebuilding effort.

Kucera's presentation will review the performance of the aerial survey, the expedited processing and distribution of the aerial data, and potential future refinement and applications of the data. The presentation will describe the flight plan development, flight crew coordination, acquisition and processing technologies and methods used, and survey data output/results in the context of identified priorities, time constraints, terrain conditions, airspace limitations, technology export restrictions, applications, and other factors. A model for future disaster response surveys will be presented.

We hope to see you at this event!

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