

The Western New York Chapter of the IEEE Geoscience and Remote Sensing Society

- Established in 2007 to serve GRSS members and the general public interested in geoscience and remote sensing in the western New York (USA) region and beyond
- Chapter is **joint across five IEEE Region 1 Sections**: Rochester (parent), Buffalo, Syracuse, Ithaca and Binghamton.
- Semi-monthly meetings with technical presentations are held throughout the academic year, rotating among various locations across the sections (meetings are open to the general public)
- Website: <http://ewh.ieee.org/r1/rochester/grss/>
- Approximately 25 active members



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Chapter Officers

- ***Chapter Chair:*** Jan van Aardt, Rochester Institute of Technology (RIT)
- ***Chapter Vice-Chair:*** Anthony Vodacek, RIT
- ***Chapter Secretary:*** John Kerekes, RIT
- ***Buffalo Section Coordinator:*** Bea Csatho, University at Buffalo
- ***Ithaca Section Coordinator:*** Bill Philpot, Cornell University
- ***Syracuse Section Coordinator:*** Jay Kyoon Lee, Syracuse University
- ***Binghamton Section Coordinator:*** *Open*

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2011 activities

- **July 14, 2011**: The ICESat-2 Mission: Laser altimetry of ice, clouds and land elevation (Thorsten Markus and Tom Neumann, NASA Goddard Space Flight Center)
- **July 21, 2011**: An Autocorrelation Analysis Approach to Detecting Land Cover Change using Hyper-Temporal Time-Series Data (Waldo Kleynhans, Council for Scientific and Industrial Research, South Africa)
- **May 31, 2011**: Web-enabling the ingestion, archiving, cataloguing, and automated image processing chains for radio- and geometric correction and classification of remote sensing imagery (Wolfgang Lück; South African National Space Agency)
- **April 22, 2011**: Localizing Tunnel Positions Under Rough Surfaces with Underground Focused Synthetic Aperture Radar (Prof. Carey Rappaport; Northeastern University)

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2011 activities

- **March 29, 2011**: 2011 Rochester Section Joint Chapters Meeting – Dr. Anthony Vodacek (RIT) - Remote Sensing of Geohazards in the African Rift Valley
- **February 11, 2011**: The Use of GIS and Imagery Information in Emergency Management featuring the Monroe County GIS Technology Vehicle (Justin Cole (Monroe County GIS Services Division): GIS & disaster response; Don McKeown (RIT): Real-time airborne imagery for disaster response applications)
- **January 19, 2011**: Terapixel Imaging (David Brady, Duke University)
- **November 8, 2010**: Advancing waveform lidar sensing through improved understanding of complex signals for ecological applications such as structural unmixing, species classification, and biomass estimation (Jan van Aardt, Rochester Institute of Technology)