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/](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 Kyoong 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)