Gregory L. Stensaas Biography

Gregory L. Stensaas graduated from South Dakota State University with a Bachelor of Science degree in Mechanical Engineering, and has taken many additional engineering and information technology classes from the University of Nebraska–Lincoln and Dakota State University. After school, Greg obtained 13 years electro-optical and infrared systems exploitation, development, simulation, and test experience as Department of Defense electronics engineer. During this time, Greg worked for the U.S. Army Aviation Electronic Combat Program Managers Office in St. Louis, MO and for the U.S. Air Force Strategic Air Command, Science and Research Office in Omaha, NE.

Greg experience also includes being lead project engineer and systems engineer for the NASA Earth Observing System Distributed Active Archive Center (5 years) and USGS Landsat Data Continuity Mission (1 year) at the U.S. Geological Survey (USGS) National Center for Earth Resources Observation and Science (EROS). During this time, he was selected by Raytheon as an honors engineer in two different engineering categories.

Greg continues to work at for USGS EROS in Sioux Falls, South Dakota and is currently serving as the USGS System Characterization Manager and Remote Sensing Technologies Project Manager (5 years) for the US Geological Survey, where he is responsible for film and digital sensor calibration, satellite calibration, and system/product characterization.

Greg's current focus is to provide digital sensor calibration and data quality assurance policy and standards for the community, and to establish common international characterization capabilities of remote sensing systems in support of land change assessment. Greg is the leader of the Joint Agency Commercial Imagery Evaluation (JACIE) program, the chair of the Inter-agency Digital Imagery Working Group involving 14 US Government agencies, and he serves as the deputy for the Primary Data Acquisition Division for the American Society of Photogrammetry and Remote Sensing (ASPRS). Greg is working as the USGS technical lead on the Landsat Data Gap Study team and is involved in establishing remote sensing initiatives in USGS.