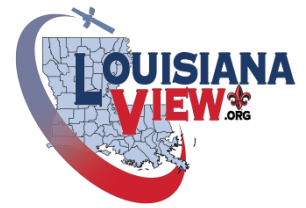




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EDUCATION

- 1992** MLA, Masters Landscape Architecture; Landscape Ecology/GIS and Remote Sensing; Louisiana State University, Baton Rouge, Louisiana
- 1986** B.S. Agriculture and Animal Science, Minor in Art, Louisiana State University, Baton Rouge, Louisiana

PROFESSIONAL INTEREST

To provide NASA based and other remotely sensed technologies to the general public. This includes providing the capability to receive directly and indirectly, manipulate, and disseminate satellite and other remotely-sensed and geospatial data effectively and inexpensively for Earth resource application development and education. In application development and education, the RAC uses a multi-disciplinary and systems-oriented training framework to develop pragmatic, trans-disciplinary techniques for reducing environmental vulnerability and enhancing community resiliency. I deliberately encourage linking challenges of storm disturbances, land-use transformations, and climate change to develop adaptation in coupled natural and human systems.

PROFESSIONAL POSITIONS

- 2011-present **Co-Director**
UL Lafayette Coastal Community Resiliency Studio
- 2011-present **Vice-Chair/ Board Secretary**
National AmericaView Program, USGS
- 2001-present **Director**
LouisianaView www.louisianaview.org
- 1998-present **Director**
Regional Application Centre, University of Louisiana at Lafayette
- 1997-present **Consultant**
Developed the GeoSpatial Centre for the Louisiana Army National Guard for the State of Louisiana and currently coordinate and direct RAC/LANG GIS staff supporting programs and emergency response.
- 1993-1998 **State GIS Specialist/Coordinator**
USDA Natural Resources Conservation Service, Alexandria, Louisiana,
- 1992-1993 **Continuing Education Instructor**
Certified, Intergraph and ESRI, Louisiana State University, Baton Rouge, Louisiana
- 1988-1992 **Senior GIS Specialist/Program Developer**
Woodward-Clyde Consultants, Environmental Consulting Firm, Baton Rouge, La

KEY PUBLICATIONS AND PRESENTATIONS

- Yantis, B. (2014) AmericaView – Panelist, Panel Discussion on Future Landsat Data Needs At the Local and State Levels, National ASPRS Conference 2014, March, 23-28, Louisville, Kentucky.
- Yantis, B. (2014) LouisianaView – RS and GIS Outreach and Education in Louisiana, Louisiana RS/GIS Conference, May 13-14, New Orleans, Louisiana.

- Yantis, B., Broussard, W. (2012) Landforms of Southern Louisiana, Pecan Island, Vermilion Parish. NASA, My American Landscapes, Landsat Data Continuity Mission. http://www.nasa.gov/mission_pages/landsat/news/40th-landscapes-lafayetteLA.html
- Yantis, B. (2008) Congressional Briefing; Using Moderate Resolution Satellite Imagery for Global Monitoring of Critical Issues: Natural Disasters, September, 12, Washington, D.C.
- Yantis, B. (2008) LouisianaView – RS and GIS Outreach and Education in Louisiana, Louisiana RS/GIS Conference, April 8-10, New Orleans, Louisiana.
- Yantis, B. (2007) AmericaView, Louisiana RS/GIS Conference, May, 21-24, Lafayette, Louisiana
- Yantis, B. Daigle, J. (1998) Technical Presentation for First International Conference on Geospatial Information in Agriculture and Forestry, Development of a Spatially Explicit Model of Landscape Functions in the Walnut-Roundaway Watershed, Madison Parish, Louisiana.
- Yantis, B. (1992) A methodology for use by Environmental Planning Firms and Agencies to evaluate their need for Geographic Information System Technology.

KEY WORKSHOPS AND OUTREACH

Continuing Education training for state:

Co-host and coordinate State Remote Sensing and GIS Workshops (Annually since 1998)

Photo Interpretation Classes, Intro and Advanced Wetland ID, (Annually since 1998)

GIS ESRI (ARC I, ARC II, ARC III) 3 day training classes (Annually since 2000)

Trimble GPS Equipment and Software with private sector partner (Annually since 2001)

National Data Mining for Natural and Space Disasters related to Emergency Response (Annually since 2001)

3-D Seismic Technology with private sector partner (2001-2009)

WETMAAP K- 12 (1998-2008)

Unmanned Airborne Vehicle Imagery for Domestic Emergency Response & Natural Resource Survey: Deployment, Operations, & Applications Workshop (2006)

Support University Departmental Personnel in training and application development in GIS/RS

Local Government Training and Assistance; Lafayette Parish Assessor's Office, LEDA, Lafayette Consolidated Government, City of New Iberia; Iberia Parish Government

Image Archive Development and Assistance; Historical Image Scanning for Louisiana

University GIS Curriculum:

- a) Developed curriculum for University, including GIS Certification Program, Earth as Art Program
- b) Fund, direct, support and instruct the GIS and RS Classroom Program for ENVS 455G, 464G, 473G, 487G, and 495G.

Louisiana Army National Guard – Emergency Response:

Established GeoSpatial Center for Guard in 1997, Currently support daily operations, Support Natural Disaster / Emer. Resp. 2012 Hurricane Issac, 2008 -09 Hurricanes Gustav/Ike, in previous years Lilly, Katrina, and Rita

Other Universities and Agencies: LSU and DEQ with acquisition of AWIFS imagery data thru LouisianaView, University of Texas at Austin, CSR centre, emergency response for Gustav and Ike (International Charter.)

KEY GRANTS AND CONTRACTS

Geographic Information System Support, Louisiana Army National Guard and the Military Department, State of Louisiana (2000 thru present). Awarded each year for the past 15 years. (Ongoing)

Developing Data Visualization, Desktop Modeling and Web Mapping Applications, National Wetlands Research Centre, Biological Division, USGS (2004 thru present). Awarded each year for the past 12 years. (Ongoing)

LouisianaView Program – Coordinating a State-wide Consortium of Geospatial Science, Education and Natural Resource Management Organizations working to Advance Remote Sensing and related Geospatial Technologies. AmericaView, USGS (2003 thru present). Awarded each year for the past 13 years. (Ongoing)

Developing an Integrated Optical and Radar Quick Response and Long-Term Management Mapping and Monitoring System for the Louisiana Coastal Zone, National Wetlands Research Centre, Biological Division, USGS (2012). Awarded each year for the past 4 years. (Ongoing)

Data Visualization and Novel Modeling Approaches to Facilitate Spatially Explicit Biological Modeling, National Wetlands Research Centre, Biological Division, USGS (2014). (Ongoing)

Addressing Priority Science Needs of the Gulf Coastal Plains and Ozarks Landscape Conservation Cooperative, National Wetlands Research Centre, Biological Division, USGS (2014). (Ongoing)

Developing Data Visualization, Desktop Modeling and Web Mapping Applications, National Wetlands Research Centre, Biological Division, USGS (2015). (Ongoing)

Developing and Extending Radar, PolSAR, InSAR, and Optical Remote Sensing Mapping of Coastal Terrestrial Resources, National Wetlands Research Centre, Biological Division, USGS (2015). (Ongoing)

Continuing Education Workshops and Outreach, Regional Application Centre (2001 to present). Earnings generally in excess of \$20,000.00 per year for past 14 years. (Ongoing)

Key Grants and Contracts for the Regional Application Centre are in excess of \$1.25 million per year.

The Regional Application Centre maintains a staff of 8 Research Associates and many graduate and undergraduate students to accomplish its research, application, education and outreach tasks.

PROFESSIONAL AFFILIATIONS / AWARDS

AmericaView 2015 Outstanding Service on National Outreach Committee Award (Centre and Students)

AmericaView 2014 Outstanding Service on National RCA Review Committee Award

2013 Distinguished Service Award for the State of Louisiana in Remote Sensing and GIS Education and Outreach, Awarded by the Louisiana Remote Sensing and Geographic Information Systems Council and State Board.

AmericaView 2013 Education and Outreach Coordination Award for Efforts in Remote Sensing at the National Level.

American Society of Photogrammetry and Remote Sensing, Mid South Region. 1998-present
Secretary/Treasurer 2007-present, Past President 2003-2005, President 2001-2003, 1st V. P. 1999-2001

AmericaView National Board of Directors, Remote Sensing Research, Education and Outreach. 2003-present, Vice-Chairman 2011-2013, Board Secretary 2014.

Member of National Remote Sensing Response Team, 2005-present

Project Manager for International Charter-Space and Major Disasters program under UNISPACE-III 2007-present

Louisiana Remote Sensing and GIS Annual Workshop, Board of Directors for State of Louisiana, 1998-present, Sponsor - Student Education and Outreach Competition 2011-present.