Upcoming Events

http://nia.ecsu.edu/

November 3, 2009
2009 Internship Roundtable
Center of Excellence in Remote Sensing Education and Research
3:30pm Room 229 Dixon Hall
http://nia.ecsu.edu/ur/0910/091103otable/2009roundtableflyer.jpg

November 14-20, 2009
Supercomputing 09
Portland, Oregon
http://sc09.supercomputing.org/

December 14-18, 2009
American Geophysical Union Fall Meeting
San Francisco, California
http://www.agu.org/meetings/fm09/

February 1, 2010
2010 ECSU Research Week
Elizabeth City State University
http://nia.ecsu.edu/ur/0910/rw10/

April 8 – 10, 2010
ADMI 2009
Jackson State University
Jackson, Mississippi
http://www.admiusa.org/admi2010/

April 16-24, 2010
Undergraduate Research Symposium
University of New Hampshire
http://www.unh.edu/urc/

June – July, 2010
Undergraduate Research Experience in Ocean and Marine Science/Cyberinfrastructure
Elizabeth City State University
http://nia.ecsu.edu/ure.pdf

July 25-30, 2010
2010 IEEE International Geoscience & Remote Sensing Symposium
Honolulu, Hawaii
http://www.igarss10.org/

August 2-5, 2010
TeraGrid '10 Conference
Pittsburgh, Pennsylvania
http://www.teragrid.org/tg10/

CReSIS
Center for Remote Sensing of Ice Sheets

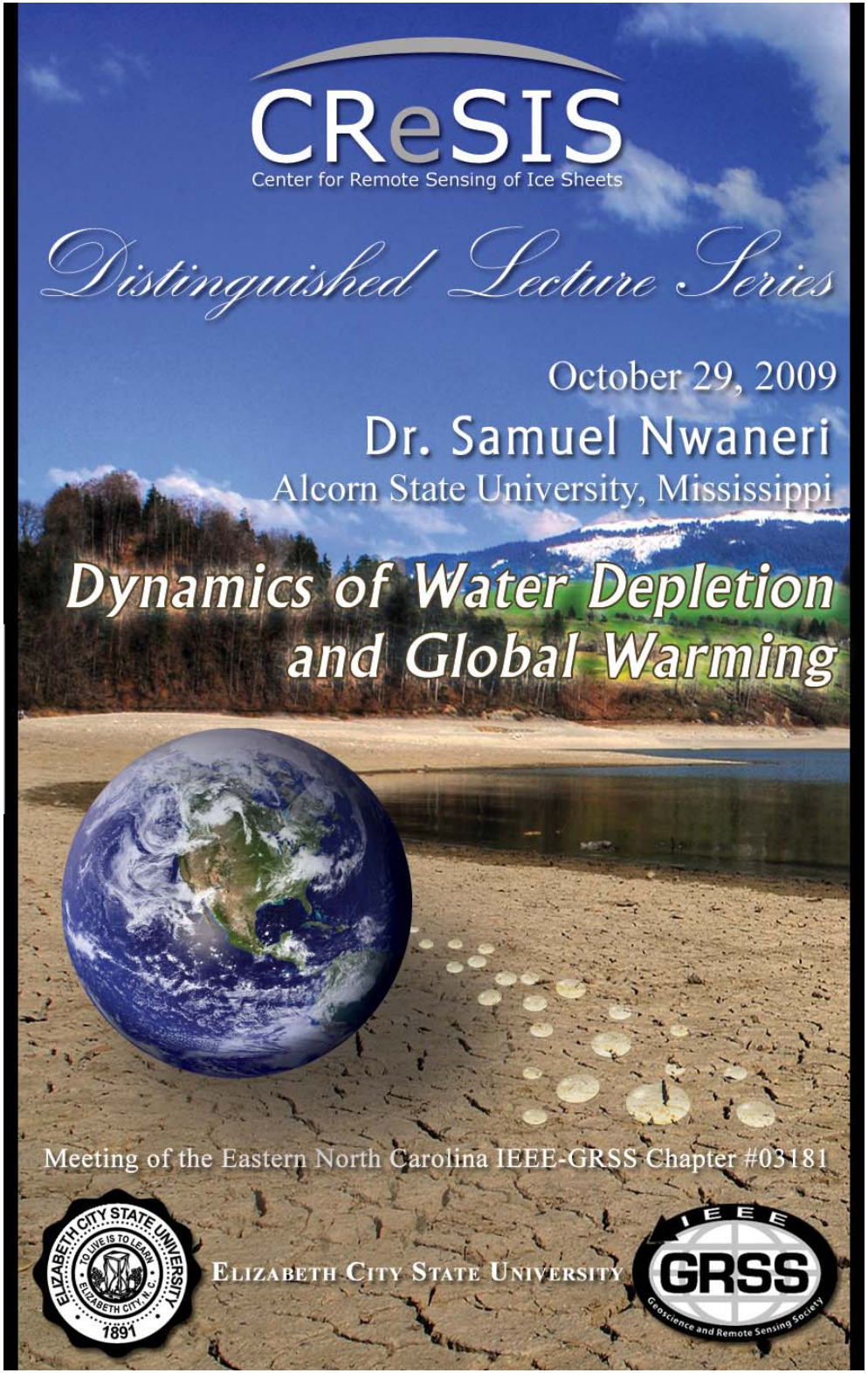
CERSER

The ECSU Center of Excellence in Remote Sensing Education and Research (CERSER) is the home of the IEEE-Geoscience and Remote Sensing Society Eastern North Carolina Chapter #03181. CERSER capability includes a SeaSpace TeraScan SeaWiFS and HRPT system composed of the following components: Polar Orbiting Tracking Antenna (1.2m); Global Positioning System (GPS) Antenna/Receiver; Telemetry Receive; SGP Interface Unit (SGPI); Uninterruptible Power Supply.

The CERSER Laboratory consists of 15 Computer Workstations containing Linux and Windows; Remote Storage Areas of Polar Data; Servers including a local Web Server, File Server, and an Online Course Server. Also available is an undergraduate research lab consisting of 25 PC/Macintosh Workstations and several servers.

CENTER FOR EXCELLENCE IN REMOTE SENSING EDUCATION AND RESEARCH
Dixon Hall Room 229/232 Elizabeth City State University Box 672 Elizabeth City, NC 27909
Phone: (252) 335-3992 Fax: (252) 335-3790 http://cerser.ecsu.edu
Dr. Linda B. Hayden, Principal Investigator

NASA ONR NOAA
NASA Grants: #NNG05GN38A // NSF CReSIS FY2005-108CMI
ONR Grants: #N00014-11-0529 & #N000014-01-1070 // CI-TEAM OCI-0636361



CReSIS Distinguished Lecturer

Dr. Samuel Nwaneri

Department of Advanced Technology
Alcorn State University, MS

Dynamics of Water Depletion and Global Warming

Dr. Samuel Nwaneri is an Assistant Professor in the Department of Advanced Technology at Alcorn State University. He received a Bachelor of Arts degree in Mathematics from Harding University and Master of Urban and Regional Planning-MURP from Alabama A&M University. He also holds a Ph.D. degree in Natural Resources and Environmental Science from Alabama A&M University.

Water is the most vital liquids on our planet. This lecture focuses on the regimes of human disturbance and the dynamics of water involving energy discharge, motion, change of state, and other relationships that compromise the phenomenon of global warming. The objectives show that land use activities contribute to this prodigy; dielectric permittivity in connection to microwave heating was used to show the vulnerability of our atmospheric water, and the results revealed that aerosols are derivatives of human activities from different land use practices, especially urban, industrial, and agriculture. Furthermore, water was identified as a self-protected land use--the Polar Regions are ice-protect creep zones; other regions with thermal agitation, water becomes fluid and flows into any shape it can find to avoid depletion--protection against thermal runaway. This dynamic flow, including the melting of polar ice, partly determines global climates and local weather at sea level.

SCHEDULE OF ACTIVITIES
Thursday, October 29, 2009

Room 229 Dixon Hall

2:00pm..... Meeting of the Geoscience and Remote Sensing Society

Minutes – March 3, 2009 Meeting ..... Mr. Jeff Wood
GRSS Chapter Secretary

Vice-President Report..... Dr. William Porter
GRSS Chapter Vice-President

An Overview of Global Warming and Water Depletion .....
..... Dr. Linda Hayden, Dr. Samuel Nwaneri

IGARSS 2009..... Dr. Dewayne Branch

Membership Drive ..... Mr. Jeaime Powell

3:00pm CReSIS Distinguished Lecture Series

Welcome and Introductions ..... Dr. Linda Hayden
GRSS Chapter President

Dr. Harry Bass
Dean, ECSU School of Mathematics, Science and Technology

Introduction ..... **Dr. Eric Akers**

Dr. Samuel Nwaneri, Alcorn State University
Dynamics of Water Depletion and Global Warming

Closing Remarks ..... Dr. Linda Hayden

4:00-5:00pm ..... Reception and Research Poster Session