

## Upcoming Events

<http://nia.ecsu.edu/>

**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/>

**May 25 – July 13, 2010**

### Undergraduate Research Experience in Ocean, Marine, and Polar Science

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/>

**December 13-17, 2010**

### AGU 2010 Fall Meeting

San Francisco, California  
<http://www.agu.org/meetings/>

Welcome ADMI and CReSIS partners to the webcast!



CReSIS

<https://www.cresis.ku.edu/>



CERSER

<http://cerser.ecsu.edu>



ADMI

<http://www.admiusa.org>

## Center of Excellence in Remote Sensing Education and Research

The goal of the ECSU Center of Excellence in Remote Sensing Education and Research (CERSER) is to develop and implement innovative and relevant research collaborations focused on ice sheet, coastal, ocean, and marine research. CERSER is also the home of the IEEE-Geoscience and Remote Sensing Society Eastern North Carolina Chapter #03181 and IEEE-GRSS Student Chapter Branch #66221.

### 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

Dr. Linda B. Hayden, Principal Investigator

ONR NSF Watershed Watch

NSF CReSIS FY2005-108CMI // NSF STEM Project Grant # H98230-06-1-0173

ONR Grants: #N00014-11-0529 & #N000014-01-1070 // CI-TEAM OCI-0636361

GEOSCIENCE AND REMOTE SENSING SOCIETY

## Distinguished Lecture Series

Dr. David Goodenough

University of Victoria, Victoria, BC Canada

March 2, 2010

## Methods and Systems for Applications

Meeting of the Eastern North Carolina IEEE-GRSS Chapter #03181

**ECSU**  
ELIZABETH CITY STATE UNIVERSITY  
*Elevate Higher. Emerge Stronger.*



# IEEE-GRSS *Distinguished Lecturer*

## Dr. David Goodenough

Adjunct Professor, University of Victoria  
Department of Computer Science, Victoria, BC Canada

David G. Goodenough is an Adjunct Professor of Computer Science, Faculty of Engineering, at the University of Victoria. He has Masters and Doctoral graduate students and is a NSERC recipient. He holds the following degrees: Ph.D. and M.Sc. (University of Toronto), and B.Sc. (University of British Columbia). Dr. Goodenough worked at the Canada Centre for Remote Sensing, where he was a Chief Research Scientist and Head of the Knowledge-Based Methods and Systems Section.



In 1991, he joined as a Chief Research Scientist the Pacific Forestry Centre of the Canadian Forest Service, Natural Resources Canada. He was President of the IEEE Geoscience and Remote Sensing Society and served as Past-President. He became a Fellow of the IEEE in 1997. Dr. Goodenough has served the IEEE GRSS as an AdCom Member from 1986 to 2008. He has published extensively (>220 papers) and presented frequently (>695 presentations).

He is a recipient of the following awards: the IEEE GRSS Distinguished Achievement Award (2006); the 2004 Gold Medal of the Canadian Remote Sensing Society, Canadian Aeronautics and Space Institute; the Government of Canada's Award of Excellence; the IEEE GRSS Outstanding Service Award; a Natural Resources Canada Departmental Merit Award; an EMR Merit Award, and NASA Group Achievement Awards.

Dr. Goodenough was Principal Investigator of the NASA project, Evaluation and Validation of EO-1 for Sustainable Development (EVEOSD). He led the automation research and development team for the EOSD Project. He is Principal Investigator of the ESA Project, Evaluation and Validation of CHRIS, and leads the Methods and Systems Study. He is PI of a Forest Hyperspectral Applications Project with CSA. He is the PI of CSA's Radarsat-2 Forest Applications Project and a Co-I on UVic's Scientific GRID Computing Project, a Canarie project.

## Schedule of Activities

Tuesday, March 2, 2010 :: Room 229 :: Dixon Hall :: ECSU

🌀 11:00am – 1:00pm ..... CERSER & Strategy Session

Welcome and Updates ..... Dr. Linda Hayden

Presentations ..... Dr. Malcolm LeCompte

Kimbel and Rockyhock Carolina Bays: Extraterrestrial Impact or Terrestrial Genesis?

Dr. Leonid Sokoletsky

Atmospheric Correction and Satellite Monitoring for Albemarle-Pamlico Estuary System (APES)

Dr. Jinchun Yuan & Dr. Benjamin Branch

Knowledge Transfer Update: Publications

Mr. Anthony Adade

Technology Update: The Wall

Dr. Linda Hayden

Education Update: IGARSS'10 Outreach

Mr. Je'aime Powell

Research Update: PolarGrid

### Refreshments

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🌀 2-3:30pm IEEE-GRSS Distinguished Lecture Series

Call to Order ..... Mr. Je'aime Powell

GRSS Student Chapter President

Minutes..... Ms. MyAsia Reid

GRSS Student Chapter Secretary

A Suggested Plan of Action for Graduate School..... Ms. Yolanda McMillian

Auburn University

Welcome..... Dr. Harry Bass

Dean, ECSU School of Mathematics, Science and Technology

Speaker Introduction..... Dr. Barry Rock

University of New Hampshire

**Dr. David Goodenough**

University of Victoria

*Methods and Systems for Applications*

Closing Remarks ..... Mr. Charles Luther

Past President of IEEE-GRSS

