XV Annual Meeting of the
NORTH AMERICAN CARTOGRAPHIC
INFORMATION SOCIETY

Wilmington, North Carolina
October 25 - 29, 1995

WEDNESDAY, OCTOBER 25

• 10:00 am - 7:00 pm  Registration

• Noon- 6:00 pm  WORKSHOP: Distributing Maps Through the Internet
Organizer: Michael P. Peterson, University of Nebraska at Omaha

• 3:00 - 5:00 pm  WORKSHOP: Introduction to ATLAS*GIS for Windows
Organizer: Jan Mersey, University of Guelph

• 1:00 - 3:00 pm  NACIS Board Meeting

• 7:30 pm  Opening Session
Keynote Speakers: James Leutze & Frank Ainsley, Univ. of North Carolina - Wilmington

• 9:00 - 11:00  Poster Session & Reception
Organizer: Donna G. Schenstrom, Univ. of Wisconsin-Milwaukee

THURSDAY, OCTOBER 26

• 8:00 am - 7:00 pm  Registration

• 9:00 am - 5:00 pm  Exhibits Open

• 8:30 - 10:00 am  Concurrent Sessions

SESSION A: CARTOGRAPHIC METHOD AND THEORY
Spectral Schemes: Controversial Color Use on Maps
Cynthia A. Brewer, Alan M. MacEachren, & Linda W. Pickle, Penn State University

Cartographic Testing: Postmortem of an Experimental Project
Charles P. Rader, Univ. of Wis-River Falls

The Meaning of Map Interaction
Michael P. Peterson, Univ. of Nebraska at Omaha

SESSION B: UNIVERSITY CARTOGRAPHY LABS - CURRENT TRENDS AND FUTURE DIRECTIONS
(Organizer: James R. Anderson, Florida State University)

From Printed Maps to the CD-ROM to the Internet: The Atlas of Florida Experience
James R. Anderson & Christopher D. Wilkes, Florida State University

Prepress Production Issues of Importance to Cartographers
Joseph Stoll, Univ. of Akron & Donna Schenstrom, Univ. of Wisconsin-Milwaukee

CVNRA Map: Trailblazing, Politics, and Cartography
Claudia James & Thomas Nash, Univ. of Akron
**SESSION C: CARTOGRAPHIC ANIMATION**

A Cartographic Animation of Portland, Oregon’s Annexation History: Discrete Areal Change at Disjunct Times
Alison E. Philpotts, Michigan State University

Searching Maps Using Color and Motion
Robert Lloyd, University of South Carolina

**SESSION D: MAP COPYRIGHT ISSUES**

Copyright and Cartography Labs, Questions of Map Ownership
Will Fontanez, University of Tennessee

U.S. Copyright and Multimedia
Trudy Suchan, Penn State University

Copyright and Maps
Dennis McClendon, Chicago CartoGraphics

**• Noon - 2:00 pm**

Luncheon & Annual Business Meeting

Tours
Wilmington Adventure Walking Tour, American Geographic Data, U.S. Army Corps of Engineers

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**FRIDAY, OCTOBER 27**

**• 8:00 - Noon**

Registration

**• 8:00 - 2:00 pm**

Exhibits Open

**• 8:30 - 10:00 am**

**SESSION E: CARTOGRAPHIC EDUCATION**

Anatomy of the Introductory, Cartography Course Revisited
James R. Fryman & Bonnie R. Sines, Univ. of Northern Iowa

Cartographic Education in Germany: State and Recent Developments
Ulrich Freitag, Freie Universitat Berlin

Teaching ARC/INFO as a Cartographic Tool
Zehdreh Allen-Lafayette, New Jersey Geological Survey

**SESSION F: MICROCOMPUTER MAPPING ROUND TABLE DISCUSSION**

Organizer: Dennis McClendon - Chicago CartoGraphics

**• 10:30 - Noon**

**SESSION G: PANEL DISCUSSION ON CARTOGRAPHIC EDUCATION**

Organizer: Keith Rice, Univ. of Wisconsin-Stevens Point

**SESSION H: GPS AND GIS**

Augmented GPS to Benefit All Phases of Aircraft and Vessel Navigation
Ronald M. Bolton, NOAA - Aeronautical Charting Division

Save Our Rivers Revisited: Planning and Products of the 1996 GIS Model
Margit L. Crowell, Southwest Florida Water Management District

Generation of Digital Base Maps for Preparation of Thematic Maps
Cidney J. Freitag, USGS

**• Noon - 1:00 pm**

LUNCH on your own

**• Noon - 1:15 pm**

CP Editorial Board Meeting
SESSION I: MAPPING IN A CHILD’S WORLD (Organizer: Henry W. Castner - Pittsboro, NC)

An Educational Taxonomy for Maps in a Child’s World
Henry W. Castner - Pittsboro, NC

Designing Maps for the Elementary Grades
Karen M. Trifonoff, Bloomsburg University

Children’s Cognitive Processing and Understanding of Thematic Map Symbolization
James E. Young, Appalachian State University

Terrain Models: A Tool for Experiential Learning in Geography and Mapping
Sam Brian, Bank Street College of Education, Geography and Mapping Institute

SESSION J: AUTOMATING MAP RESOURCES AND THE INTERNET

World Wide Web Resources for Cartographers
Jeremy Crampton, George Mason University

Putting Cartography on the Internet: The Alexandria Digital Library Project
Barbara P. Butterfield, Christopher Weber, Ming-Hsiang Tsou, Patricia Trawinski & Victor Ricci, NCGIA

Bending the Rules: Creatively Adapting Library Systems to Automate the Map Collection
Paige Andrew & Melissa Lamont, Penn State University

SESSION K: MAPPING IN A CHILD’S WORLD II

Organizer: Henry W. Castner - Pittsboro, NC

Map Skills in Quebec’s Elementary School Curriculum
Jacqueline Anderson, Concordia University

Round Table Discussion on Mapping in a Child’s World: Implications for Cartographic and Geographic Education

SESSION L: PANEL DISCUSSION - IMPACT OF FEDERAL BUDGET CUTS ON MAPPING WITHIN GOVERNMENT, ACADEMIC INSTITUTIONS, AND THE PRIVATE SECTOR

Organizer: Ronald M. Bolton, NOAA - Aeronautical Charting Division

ANNUAL BANQUET: Speaker: Denis Wood, North Carolina State University, "Living With Maps."

SATURDAY, OCTOBER 28

NACIS Board Meeting

Field Trip Excursions

NACIS sponsored trips:
1:45 - 4:15 pm: Henrietta II - Cape Fear River Sightseeing Cruise

11:00 am - 6:00 pm: Bald Head Island Junket
An excursion exploring an island steeped in coastal cultural history & geography.

Shuttle Transportation will also be provided to the following sites:
Wrightsville Beach, Museum of Lower Cape Fear, and The Downeast Rover (sailboat)

For More Information Contact:
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