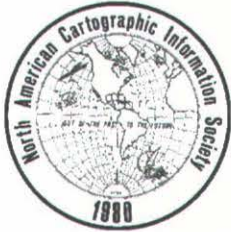


XV Annual Meeting of the NORTH AMERICAN CARTOGRAPHIC INFORMATION SOCIETY



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 Wisc-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

•10:30 - Noon
Concurrent Sessions

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

•2:00 - 5:00 pm

Tours

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

FRIDAY, OCTOBER 27

•8:00 - Noon

Registration

•8:00 - 2:00 pm

Exhibits Open

•8:30 - 10:00 am
Concurrent Sessions

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
Concurrent Sessions

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

• 1:30 - 3:00 pm
Concurrent Sessions

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. Battenfield, 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

• 3:30 - 5:00 pm
Concurrent Sessions

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

• 6:30 - 10:00 pm

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

SATURDAY, OCTOBER 28

• 8:30 - 10:30 am

NACIS Board Meeting

• 11:00 - 6:00 pm

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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