Preliminary Program

NACIS IX

BEGINNING ANOTHER DECADE

North American Cartographic Information Society

Eleventh Annual Meeting

MILWAUKEE
The Astor Hotel

October 19-23, 1991
You are invited to attend the Eleventh Annual Meeting of the North American Cartographic Information Society (NACIS), to be held in Milwaukee, Wisconsin, October 19-23, 1991. The goal of this meeting is to bring together specialists from leading private, government and academic organizations throughout North America to display and present reports on timely topics and the latest research developments.

PRELIMINARY PROGRAM

Sunday, October 20
10:00 am - 7:00 pm Registration
10:00 am NACIS Board Meeting
1:00 - 4:30 pm Pre-conference Boat Trip
7:30 pm Opening Session
Keynote Speaker:
Professor Brian Harley
9:00 - 11:00 pm Poster Session and Reception
University Cartography Laboratories

Monday, October 21
8:00 am - 7:00 pm Registration
9:00 am - Noon Exhibits Open

Concurrent Sessions 8:30 - 10:00 am

SESSION A: Workshop
Compasses That Haven't Been Built: Orienting Ourselves in the Real World,
Henry W. Castner, Pittsboro, N.C.

SESSION B: Map Production
Microcomputer-Based Postscript Large Format Cartography
Brad Javenkoski, University of Wisconsin-Milwaukee
Preprocessing CAD Data: Large Areas From Small Digitizers on a Small Budget
Kathryn Ford Thorne, Aurora, IL
Cartographic Information on Film
Malcolm Duffek, Color Microimaging Corp., Colorado Springs, CO

10:00 - 10:30 am BREAK

10:30 am - Noon Concurrent Sessions
SESSION C: Workshop
Designing Symbols: Discovering Some Underlying Concepts
Henry W. Castner, Pittsboro, N.C.

SESSION D: Roundtable
Cartographic Information in the Government
12:00 - 1:30 pm   Luncheon and Annual Business Meeting
                  Speaker: Dr. Christopher Baruth
2:00 - 4:00 pm   Concurrent Sessions

SESSION E: Cartographic Education and Animation
The Thematic Map as a Didactic Resource in the Process of Teaching Geography
Josefina Ostuni, Mendoza, Argentina

Grading the Graphics: A Critique of the Maps We Learn From
Donald J. Ziegler, Old Dominion University, Norfolk, VA

Teaching Map Projections Through Animation
Sona Andrews and David Tilton, University of Wisconsin-Milwaukee

SESSION F:
Public Access to Geographic Information Systems: Your Federal Government at Work
Susan L. Nelson, Wheaton, M.D.

Global Positioning System: Status Update,
Ron Bolton, NOAA, National Ocean Service

Magnetic Variation and its Role in Determining Direction

5:00 - 9:00 pm   AGS Reception - Transportation Provided

Tuesday, October 22
8:30 - 10:00 am   Concurrent Sessions

SESSION G: MicroCAM Software
a. The User-Friendly MicroCAM Interface Software for Inexpensive Production of Outline Maps and Cartographic Education.
b. Teaching Cartographic Fundamentals with MicroCAM Software
   c. Introductory Cartography Exercises with MicroCAM Software
   Paul S. Anderson, Illinois State University, Normal, IL

SESSION H: Roundtable - Ethics in Cartography

10:00 - 10:30 am  BREAK

10:30 am - Noon  Field Trips
                 Milwaukee's Lakefront
                 Development Bus Tour
                 Walking Tour of downtown -
                 Mapping organizations
                 Brewery Tour

6:30 - 7:15 pm  Reception and Cash Bar

7:30 - 9:00 pm  Annual Banquet
                 Speaker: Professor William
                 Huxhold

Wednesday, October 23

8:30 - 10:00 am  SESSION J: Roundtable -
                  Cartography in the Private Sector

10:00 - 10:30 am  BREAK

10:30 am - Noon  Concurrent Sessions

SESSION K: Historical Cartography

The Cartography of William Hack
   Peter R. Galvin, St. Norbert College, DePere, WI

Some Factors of the Early English World Atlas
   Dalia Varanka, University of Wisconsin-Milwaukee

Pearl Harbor Maps
   Daniel K. Blewett, Loyola University of Chicago

SESSION L: Cartography

Trends in Cartographic Research: 1964-1989
   Pat Gilmartrin, University of South Carolina,
   Columbia, SC

Weighted Contours (A Surface Representation
Strategy for Cartographic Visualization)
   David DiBiase, Pennsylvania State University,
   University Park, PA
Interface in Cartography
Michael Peterson, University of Nebraska at Omaha, Omaha, NE

12:00 - 1:30 pm  LUNCH
1:30 - 3:00 pm  Business Meeting and Election of Officers
3:15 - 5:00 pm  NACIS Board Meeting
NACIS Registration and Membership Form
October 19-23, 1991
Astor Hotel, Milwaukee, Wisconsin

Name: ____________________________

Organization: ____________________________

Address: _______________________________________

____________________________________

Position: ____________________________

Telephone: (____) _____ - ________ E-Mail ____________________________

Cartographic interests:* ____________________________

Professional memberships:* ____________________________

Advance registration (before October 1, 1991)
Member ($95.00) ............................................
Non-Member ($115.00) ......................
Student ($25.00**) ..................................

On-site registration
Member ($115.00) ............................................
Non-Member ($135.00) ......................
Student ($25.00) ..................................

Luncheon only ($13.50) (Student $8.00) .........
Banquet only ($20.00) (Student $13.50) .........
Dues (1992 calendar year)
Individual ($28.00) ..............................
Student ($8.00) ..............................
TOTAL ENCLOSED ..................................$

MAKES CHECKS PAYABLE TO NACIS

*New members only.

**Does not include luncheon or banquet.
Hotel Registration

To make hotel reservations please contact the Astor Hotel:
(800) 242-0355 (Wisconsin)
(800) 558-0200 (Outside Wisconsin)

Indicate that you are with NACIS. The room rates are:

<table>
<thead>
<tr>
<th>Room type</th>
<th>one person</th>
<th>two persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 bed</td>
<td>$61.00</td>
<td>$69.00</td>
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<tr>
<td>2 beds</td>
<td>69.00</td>
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<tr>
<td>Grand</td>
<td>110.00</td>
<td>118.00</td>
</tr>
</tbody>
</table>

Reservations received after September 19, 1991 will be accepted on a "space available" basis.

Air Travel Discounts

Special airfares have been arranged for attendees flying to Milwaukee on DELTA AIR LINES, NORTHWEST and MIDWEST EXPRESS. Attendees and guests will receive a 40% discount off full coach fare and 5% discount off already discounted super saver fares. Please reference NACIS Convention to assure you receive discount.

For reservations call RHODES TRAVEL toll free at (800) 877-9494.

Agents will offer schedule information on all airlines and advise the lowest fare for your desired itinerary.

Transportation from Airport to Astor Hotel

The firm Limosine Services provides transport to the Hotel at the rate of $6.50 per person. They are stationed outside baggage claim area #3. Their telephone number is (414) 769-9100.
FIELD TRIPS

1. LAKEFRONT DEVELOPMENT. Bus tour along Milwaukee’s lakeshore covering present and future shoreline development plans.

2. MAPPING. Walking tour of downtown Milwaukee highlights which will include a visit to The Milwaukee Strategic Planning office, Forest Service and Bureau of Land Management.

3. BREWING. Focuses on one of Milwaukee’s major early industries, includes tour of brewery.

Please indicate choices:

Luncheon selection
   Beef Stroganoff ........................................
   Whitefish ..............................................

Banquets selections
   Pork Roast ..............................................
   Chicken ................................................

Field trips (Indicate preference)
   Lake Michigan ...........................................
   Mapping .................................................
   Brewing ................................................

Reception/buffet at American Geographical Society Collection
   Yes .......................................................

Attending pre-conference events (cost not included in registration)
   Saturday evening dinner ..............................
   Sunday afternoon event (river/harbor cruise 1:30-4:30 pm) ............................................

Return registration form and payment to:
   NACIS
   AGS COLLECTION
   P.O. BOX 399
   MILWAUKEE, WI 53201