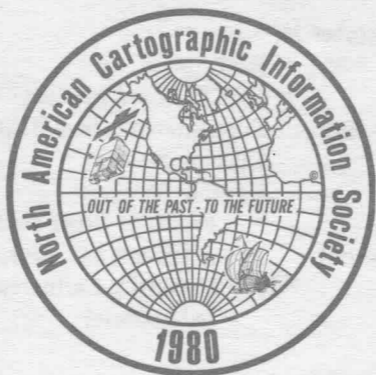


**Preliminary Program**

# **NACIS IX**



**BEGINNING ANOTHER DECADE**

**North American  
Cartographic Information Society**

**Eleventh Annual Meeting**

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**MILWAUKEE**

**The Astor Hotel**

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**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**

Ron Bolton, NOAA, National Ocean Service and Norman W. Peddie, U.S. Geological Survey

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**

11:00 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 Gilmartin, 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

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|-----------------|--|
| 12:00 - 1:30 pm | LUNCH  |
| 1:30 - 3:00 pm  | Business Meeting and Election<br>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:

Room type	one person	two persons
1 bed	\$ 61.00	\$ 69.00
2 beds	69.00	77.00
Studio	82.00	95.00
Parlour	97.00	105.00
Grand	110.00	118.00

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.

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## FIELD TRIPS

1. LAKEFRONT DEVELOPMENT. Bus tour along Milwaukee's lakeshore covering present and future shoreline development plans.
2. <sup>gov</sup>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