NACIS XII

North American Cartographic Information Society

October 14-17, 1992
St. Paul, Minnesota

OUT OF THE PAST TO THE FUTURE

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NACIS XII
Conference Schedule
(Preliminary)

Wednesday Oct. 14

2:00 p.m. Registration Begins

2:00 - 5:00 NACIS Board Meeting

7:30 - 8:00 OPENING SESSION
Welcome to The Twin Cities
Greg Chu

Welcome to NACIS XII
Jeff Patton

8:00 - 9:00 **Opening Address
John Fraser Hart**, Professor,
Department of Geography, University of
Minnesota.

9:00 - 11:00 **Opening Exhibits/
Posters (Cash Bar Social)**

Thursday, Oct. 15

8:30 - 10:00 a.m. SESSION A
**"Child Development and Carto-
graphic Education"** Papers by
Psychologists and Cartographers on how
children develop spatial awareness and the
implications for geographic and carto-
graphic education. Organizer - Henry W.
Castner.

CONCURRENT SESSION B
"Federal Mapping Agencies"
Organizers - Ron Bolton and Charles
Harrington.

10:00 - 10:30 Break

10:30 - 12:00 SESSION C
**"The Development of Spatial
Awareness"** A panel discussion of
Session A's papers on this topic.
Organizers - Herbert Pick and Henry
Castner.

CONCURRENT SESSION D
**"Electronic Atlases and Digital
Data Bases"** Organizer - Thomas
Hodler.

12:00 - 1:00 Lunch Break

1:30 - 5:00 p.m. Technical and
Local Tours
--Minnesota Department of Transporta-
tion
--Riverboat Tour of the Twin Cities Area
--Minnesota Historical Society Map
Collection

ANNUAL BANQUET
6:30 - 7:30 **Cash Bar**

8:30 - 9:00 **President's Remarks**
Jack Dodd

9:00 - 10:00 **Banquet Address
Arthur H. Robinson**, Professor
Emeritus, Deptartment of Geography
University of Wisconsin- Madison.

Friday, Oct. 16

8:30 - 10:00 a.m. SESSION E
**"Software Use in Cartographic
Production with an Emphasis on
the Small Lab"** Organizers - Joseph
Stoll and Donna Schenstrom.

CONCURRENT SESSION F
**"Communication and Cognition
in Mapping"** Organizers - Scott
Fruendschuh, Riley Jacobs and Margaret
Pearce.

10:00 - 10:30 Break

10:30 - 12:00 SESSION G
**"Interactive Videodisc Mapping
Project"** Organizers- Sona Andrews,
Chris Baruth, David Tilton and Yvonne
Bode.

CONCURRENT SESSION H
**"Map Librarians Speak to Geog-
raphers and Cartographers: What
We Can Do For You and How
to Get What You Need From Us"**
A series of brief presentations followed by
an extended panel discussion. Organizer -
Nancy Kandoian.

12:00 - 2:00 p.m. **Lunch Buffet
and Annual Business Meeting**

2:00 - 4:00 SESSION I
"Cartographic Education" A panel
discussion of current trends in university
cartographic education. Panel includes
representatives from academia, the public
sector, and commercial cartographic firms.
Organizer - Keith Rice.

Concurrent SESSION J
**"Map Librarians and Digital
Data"** Organizers - Patrick
McGlamery, Jim Minton and
Johnny Sutherland.

4:00-6:00 **NACIS Board Meeting**

Saturday, Oct. 17

Workshops
Buses leave at 8:30 a.m. for workshops at
the University of Minnesota.

9:00-12:00 **Map Producition and
Design using Corel Draw** - Greg
Chu (**Note:** This is a morning session only.
If there is enough interest, it may be
repeated in the afternoon.).

9:00-4:30 **Macintosh Animation**
Michael Peterson, Riley Jacobs, John
Krygier, Catherine Reeves, David Tilton.

9:00-4:30 **IBM-Based Animation** -
Phil Gershmel.

Social events for non-workshop
participants:

8:30-12:00 **Visit to the Megamall
"Mall of America"**

1:30-? **Treasure Island Casino**
(Casino will provide shuttle).

5:00 **Wine and Cheese Reception**
University of Minnesota Map Library &
Cartography Laboratory.

Workshops

NACIS XII

IBM-based Map Design and Production

Saturday, 10/17/92
9:00-12:00 noon

Cost $50 ($100 for non-registered participants, $35 for registered students)

You will receive hands-on training in creating maps using Corel Draw! 3.0. The differences between traditional and computer-assisted design methods will be analyzed. Participants will receive a set of public domain base map files to take with them.

Software and Instructor:
Corel Draw! 3.0 - Gregory Chu, Director, cartography Lab, University of Minnesota.

NOTE: This workshop may be offered again in the afternoon depending on the response.

IBM-based Animation

Saturday, 10/17/92
9:00-4:30

Cost $70 ($125 for non-registered participants, $45 for registered students)

You will learn the basic principles of designing and producing dynamic animated maps for broadcast purposes. The workshop will be conducted with a combination of lectures, explanations, demonstrations, and hands-on exercises. There will be opportunities for questions.

Software and Instructor:
Autodesk Animator - Professor Philip J. Gershmel, University of Minnesota.

Macintosh Animation

Saturday, 10/17/92
9:00-4:00

Cost: $75 ($125 for non-registered participants, $45 for registered students)

You will explore the basic principles and techniques of cartographic animation using a variety of software demonstrated by five different instructors. Twenty five Macintosh IIci computers will be available so that workshop attendees will have hands-on experience in creating their own animations.

Software and Instructors:
MacChoro II, Adobe Premiere and QuickTime - Michael Peterson, University of Nebraska at Omaha.
Hypercard - Riley Jacobs, University of Nebraska at Omaha.
Macromind Director - John Krygier and Catherine Reeves, Pennsylvania State University; David Tilton, University of Wisconsin-Milwaukee.

FEATURED PAPERS

Each issue of *Cartographic Perspectives* includes featured papers, which are refereed articles reporting original work of interest to NACIS' diverse membership. Papers ranging from theoretical to applied topics are welcome. Prospective authors are encouraged to submit manuscripts to the Editor or to the Chairperson of the NACIS Editorial Board. Papers may also be solicited from presenters at the annual meeting and from other sources. Papers should be prepared exclusively for publication in *CP*, with no major portion previously published elsewhere. All contributions will be reviewed by the Editorial Board, whose members will advise the Editor as to whether a manuscript is appropriate for publication. Final publication decisions rest with the Editor, who reserves the right to make editorial changes to ensure clarity and consistency of style.

REVIEWS

Book reviews, map reviews, and mapping software reviews are welcome. The Editor will solicit reviews for artifacts received from publishers. Prospective reviewers are also invited to contact the Editor directly.

FUGITIVE CARTOGRAPHIC LITERATURE

Information of interest to map makers, librarians, and educators appears in diverse publications. We invite synopses of reviews, news, and papers found in outlets not usually associated with cartography, map librarianship, or geography.

TECHNICAL GUIDELINES FOR SUBMISSION

Cartographic Perspectives is designed and produced in a microcomputer environment. Therefore, contributions to CP should be submitted in digital form on 3.5" diskettes. Please send a paper copy along with the disk, in case it is damaged in transit.

Text documents processed with Macintosh software such as *WriteNow, WordPerfect, Word,* and *MacWrite* are preferred, as well as documents generated on IBM PCs and compatibles using WordPerfect or Word. ASCII text files are also acceptable.

PostScript graphics generated with Adobe *Illustrator* or Aldus *FreeHand* for the Macintosh or Corel Systems' *Corel Draw* for DOS computers are preferred, but generic PICT or TIFF format graphics files are usually compatible as well.

For those lacking access to microcomputers, typed submissions will be cheerfully accepted. Manually produced graphics should be no larger than 11 by 17 inches, designed for scanning at 600 dpi resolution (avoid fine-grained tint screens). Continuous-tone photographs will also be scanned.

Literature cited should conform to the Chicago Manual of Style, 13th ed., University of Chicago Press, Chapter 16, style "B". Examples of the correct citation form appear in the feature articles of this issue.

Submissions may be sent to: Sona Karentz Andrews, Department of Geography, 208 Sabin Hall, 3413 N. Downer Avenue, University of Wisconsin-Milwaukee, Milwaukee, WI 53211; (414) 229-4872, fax (414) 229-3981; e-mail: sona@csd4.csd.uwm.edu.

COLOPHON