PRELIMINARY PROGRAM

Wednesday, October 9
2:00–7:30 P.M.
CONFERENCE REGISTRATION
3:00–5:00 P.M.
NACIS BOARD MEETING
7:30–9:00 P.M.
OPENING SESSION
Speaker: Paul Robbans, Ohio State University–The
Grasslands of Columbus: Mapping, Measuring, and
Enjoying the American Lawn
9:00–11:00 P.M.
OPENING RECEPTION AND POSTER SESSION

Thursday, October 10
8:00–8:50 A.M.
A. HISTORY OF CARTOGRAPHY
Elements of Cartography: Tracing 50 Years of Academic
Cartography – Judith A. Turner, California State University,
Long Beach.

An Examination of the Historical Impact of Changing
Technology on Cartography – John Phillips, The
University of Toledo.

An Analysis of Maps in Elementary Geography Texts,
1850–1900 – Karen M. Ylhe, Blooomburg University.
The Patron–Client Dance in Early Modern French Hydrog-
raphy – Christine M. Petto, Southern Connecticut State
University.

B. ALTERNATIVE CARTOGRAPHIES
Abstracted Map Artworks – Matthew A. Kneutzn, The New
York Public Library.

Goro Date’s Sfera: Teaching Geography with Poetry and
Maps in 15th-Century Florence – Karen S. Cool, University
of Kansas.

Earle Birney’s Mappemonde! – Adele J. Huff, Hunter
College of the City University of New York.

Cartography as Rhetoric – Mark Donlin, Center for Applied
Biodiversity Science, Conservation International.

Why Don’t We See More Interesting Maps? Some Reflec-
tions on the Problem and Some Suggestions – Stuart
Allan, Allan Cartography, and Mary Beth Cunha,
Humboldt State University.

10:10–NOON
C. AUTOMATED, HIGH–VOLUME MAP PRODUCTION AT
THE U.S. CENSUS BUREAU
Automated Map Coloring at the U.S. Census Bureau –
Adyemiy O. Adelekan, U. S. Census Bureau.

Automated Insetting in U.S. Census Mapping –
Sharma R. Murarka, U. S. Census Bureau.

Single Map–image–metadata Integrated Mapping System

Boundary Symbolization Options in the Single Map–
image–metadata Integrated Mapping System (SMIMS) –
Jane Inwards Menis, U. S. Census Bureau.

D. THE CARTOGRAPHER’S WORK
A New Kind of Map: Multiple Source, Quality and Media
(MISQ) Map – J. Raad Ramirez, The Ohio State
University Center for Mapping.

Campus Maps: More than Wayfinding—Providing a Sense
of Place and History – Michael Hermann, University of
Maine.

Cartographic Production at the Boston Redevelopment
Authority – Martin Gamache, Boston Redevelopment
Authority.

The Literary Map of Pennsylvania, New and Online –
Joanne M. Perry, The Pennsylvania State University.

NOON–1:30 P.M.
LUNCHEON & ANNUAL BUSINESS MEETING
1:30–2:30 P.M.
E. CARTOGRAPHY EDUCATION
GIS is Scary??? An Examination of an Undergraduate 100–
level Geographic Information Systems Course – Thomas
R. Mueller, California University of Pennsylvania.

Incorporating Student Learning Strategies into Interactive
Teaching Tools – Frit, C. Keszler Frostburg State
University, and Hubertus L. Blömer, Ohio University.

Geographic Information Literacy – Deborah Carter
People, Ohio Wesleyan University.

Training in Cartographic Fundamentals/Essentials – Dennis
Fitzsimmons, Humboldt State University.

Map Design Tools in ArcMap 8: What We Learned While
Creating an Online Course – Cynthia A. Brewer and
Shaun P. Faith, The Pennsylvania State University.

F. NEW VISUALIZATION TECHNIQUES
The ‘GPS Navigator’: An Interactive Route–planning
Software for Poland – Michal Okonek, Map1, Lodz,
Poland.

An Evaluation of Desktop Relief-shading Software – Dav
Van Dore, MapLook

Light Distance and Ranging (LIDAR): A New Data Source –
C. K. Toth, The Ohio State University Center for
Mapping.

Merging Multiple Digital Elevation Models to Create
Seamless Terrains Applied to Maine and the Atlantic
Maritimes – Michael Hernandez, University of Maine,
James Sloan, University of Florida, and Matthew Cote,
University of Maine.

3:40–5:30 P.M.
G. PRACTICAL CARTOGRAPHIC DESIGN
Purple Water: Use of Unconventional Color in Practical
Cartographic Design – Alex Tait, Equator Graphics.

Color Hierarchy for Line Symbols – Dennis McClelland,
Chicago Cartographics.

Mapping Census 2000: Evaluating an Atlas Designed to
Accommodate Impaired Color Vision – Geoffrey W.
Hutchard and Cynthia A. Brewer, The Pennsylvania State
University.

Understanding Time Constraints in Map Production
Creating Satisfying Maps, While Meeting Realistic
Deadlines – Brendan Decker, Burgess and Niple Limited,
Columbus, Ohio.

H. GIS APPLICATIONS FOR MUNICIPALITIES
Generation of High-resolution National Hydrographic Data
for Ohio: A Pilot Project – Steve Osmon and J. Raad
Ramirez, The Ohio State University Center for Mapping.

A GIS for Water Resource Management – Mohammed
Rouchdi, M. Badraoui, R. Soulay and M. Amaraoui,
Institut Agronomique et Vétérinaire Hassan II, Meknès,
Morocco.

Delaware County’s GIS–based Data Sets – Sheen Effiong,
Delaware County, Ohio.

The City of Westerville’s Enterprise GIS – Todd Jackson,
City of Westerville, Ohio.

Critical GIS Infrastructure in the State of Ohio – Stuart
Davis, Ohio Geographically Referenced Information
Program.

7:30–10:30 P.M.
NACIS Jazz Rush
Urban Culture Practicum: A night of Jazz, Food and
Beverages. Musical entertainment provided by the
renowned Todd Stoll and Jazz to Go performing both
well-known big band numbers as well as unique, unusual
and seldom heard pieces. Event will be held in the
private quarters of Central Ohio’s finest, historic Barney’s
Brewhub. Space is limited at this event, please reserve your space early.

Friday, October 11
8:00–9:50 A.M.
I. GEOGRAPHIC INFORMATION MANAGEMENT
METHODS
Cartographic Analysis of Named and Unnamed Features for
a Digital Gazetteer – Robert Crowley and Patrick
McGlamery, University of Connecticut.

A User-friendly Data Mining System – Fan Rang and J.
Raul Ramirez, The Ohio State University Center for
Mapping.

Multimedia Metadata for Geographic Information: Towards
a Conceptual Model – Alberto Giordano, University of
Chicago CartoGraphics.

And Now for Something Completely Different: Procedures
for Dealing with Licensed GIS Data Sets at the American
Geographical Society Collection – Patti Day, University of
Wisconsin–Milwaukee.

J. CARTOGRAPHIC DOCUMENTS OF MID–20TH
CENTURY AMERICA
Measuring Urban Change Using Aerial Photography,
Portland, Oregon 1925–1945 – Paul Fyfield, Portland
State University.

They Were Expendable: Office of Strategic Services Maps
During World War Two – John M. Anderson, Louisiana
State University.

Views of a Cartographic Career: Works by Richard Edes
Harrison – Joanne M. Perry, The Pennsylvania State
University.

Bird’s-eye View of National Park Service Sites: From Paint
to Pixels – Kurt Patterson, U. S. National Park Service.

10:10–NOON
K. ATLASES, INTERACTIVITY, ANIMATION
Example – Donna Williams, National Resources Canada
Atlas of Oregon: A Recipe for Quality Interactive Maps,
Fast – Erin J. Sweeney, University of Oregon.

Raster Data in Multimedia Atlases: Benefits and Chal-
lenges–examples from the ‘Atlas of Switzerland –
Interactive’ – Marianne Ruegsegger, Christoph Schmidt
and René Sieber, Institute of Cartography, Zurich.

Visual Benchmarks: A New Method for Enhancing
Animated Maps – Mark Harrower, University of
Wisconsin–Madison.

An Empirical Study of Hypothesis Generation by Domain
Experts Using an Interactive Geographic Visualization –
Amy L. Griffin, The Pennsylvania State University.
L. GEO–SPATIAL DATA RESOURCES
The Digital Spatial Data Resources of the State of Ohio – Joel L. Morrison and Emily Dick, The Ohio State University Center for Mapping.


NOON–1:30 P.M. LUNCH (on your own).

1:30–3:20 P.M. M. CARTOGRAPHIC RESEARCH


Concepts of Analytical Cartography in a Broader Cartographic Context – Harold Moellering, Ohio State University.

Feature Extraction from Multimodal Sources to Support the National Map – E. Lynn Usery, U. S. Geological Survey.

N. FUTURE DIRECTIONS: NACIS AND THE CARTOGRAPHY AND GIS PROFESSIONS
Panel Moderator: James E. Meacham, University of Oregon.

Panelists: Alex Tait, Equator Graphics
Joanne Perry, The Pennsylvania State University
Trudy Suchan, U. S. Census Bureau
Jenoves Crompton, Georgia State University
Gordon Kennedy, Washington State Department of Transportation
Charlie Free, Environmental Systems Research Institute

3:40–5:30 P.M., NACIS BOARD MEETING

6:30 P.M., ANNUAL BANQUET
Speaker: Mark Monmonier, Syracuse University – Cartographies of Surveillance: Unprecedented Challenges to Locational Privacy.

Awards: NACIS Student Web Map Competition.

Saturday, October 12

WORKSHOPS:
8:30 A.M.– NOON
A. CARTOGRAPHY WITH MACROMEDIA FLASH – Erk Steinsen, University of Oregon.

B. CARTOGRAPHIC DESIGN USING ARCMap – Sham Faiz, The Pennsylvania State University.

1:00 P.M.–5:00 P.M.
C. INTRODUCTION TO USING SHARED ROLES SOFTWARE – Dan Van Dorr, Map Link.

FIELD TRIPS:
9:30 A.M.–NOON
I. THE OHIO STATE UNIVERSITY CENTER FOR MAPPING.
II. OHIO NATIVE AMERICAN EARTHWORKS.