

# COORDINATED GIS: Working Together Toward A Common Vision

November 7 - 8, 1995

*Iowa Memorial Union  
University of Iowa  
Iowa City, Iowa*

**Sponsored by:**

*The Iowa Geographic Information Council,  
Iowa Department of Natural Resources,  
Center for Global and Regional Environmental  
Research (UI),  
Iowa Social Science Institute (UI),  
Iowa Transportation Center (ISU),  
Department of Geography (UI)*

The University of Iowa  
Center for Conferences and Institutes  
249 Iowa Memorial Union  
Iowa City, Iowa 52242-1317

Gregg Hadish  
GIS/Project Director  
Gloden Hills Resource Conservation and Development  
RR 2 Box 237  
Oakland, IA 51560-0237

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***Coordinated GIS:***  
Working Together Toward  
A Common Vision

**Tuesday, November 7, 1995**

**2:00 - 5:00 p.m. Exploring GIS Technologies**

Concurrent sessions will provide basic information on specific topics associated with geographic information systems and related technologies. Each session will include live demonstrations, opportunities to ask experts questions, and allow for group discussions and sharing among participants.

**Potential Workshop Topics:**

Transportation, precision farming, GIS and Health, GPS applications, GIS in business, taxation and education.

**7:00 - 9:00 p.m. Vendor/Exhibitor Social  
GIS Exhibit Hall, Triangle Ballroom**

This event will allow participants to network and discuss GIS issues with commercial vendors as well as agency and student exhibitors. Refreshments will be served. Vendors and exhibitors will also be available during the Wednesday sessions.

The preliminary list of commercial vendors includes Larson Systems, Cartegraph Systems, Terra, Crop Tech, Decisionmark, ESRI, Intergraph and Aerial Services.

Preliminary exhibitors include the Department of Natural Resources, the Center for Global and Regional Environmental Research, the Iowa Transportation Center and the University of Iowa Department of Geography.

*If you are interested in displaying an exhibit or participating as a vendor, please contact:*

**Joyce Baker**  
**(319) 335-2371**  
**e-mail: joyce-baker@uiowa.edu**

**REGISTRATION FORM**

*Coordinated GIS:  
Working Together Toward A Common Vision*

95-311-01

November 7-8, 1995

7-12566

NAME (PLEASE PRINT)

INSTITUTION/ORGANIZATION

ADDRESS

CITY/STATE/ZIP

PHONE

FAX

**REGISTRATION FEES**

*Advance registration required. All Registrations received after October 2 must include a \$10 late fee.*

\$35 Regular Registration (includes lunch) \$ \_\_\_\_\_

\$10 Student Registration (lunch NOT included) \$ \_\_\_\_\_

\$17.50 Student Registration (lunch included) \$ \_\_\_\_\_

\$60 Commercial Vendor Booth  
(includes 2 registrations/lunches) \$ \_\_\_\_\_

\$10 LATE FEE  
(registrations postmarked after October 2) \$ \_\_\_\_\_

Exhibitor Booth  
(Space provided, requires conference registrations(s))

**TOTAL** \$ \_\_\_\_\_

Make checks payable to **The University of Iowa** and return to:

Center for Conferences and Institutes  
The University of Iowa  
249 Iowa Memorial Union  
Iowa City, Iowa 52242-1317  
Phone: 319/335-3231  
Registrations only call 1-800-551-9029  
FAX 319/335-3533

## Lodging

A block of rooms has been reserved at the Iowa House hotel. Conference participants are responsible for arranging their own lodging. Indicate when making reservations that you are attending the GIS/GPS Conference. The Iowa House is located within the Iowa Memorial Union. Nightly rates are \$60/single or double. Call 319/335-3513 or FAX 319/335-0497 before October 2, 1995.

## Registration

Advanced registration is required. All registrations postmarked after October 2 MUST include a \$10 late fee. The regular registration fee of \$35 includes the social, lunch, the conference syllabus and all sessions. The student registration fee of \$10 includes the conference syllabus and all sessions. Students who wish to purchase lunch can do so for an additional \$7.50. Commercial Vendor Booth includes the social, lunch, conference syllabus and sessions for TWO individuals. Exhibitor Booth applies to academic researchers and government agencies who wish to display posters or exhibits. Please be sure to check this box on the registration form.

The University of Iowa does not discriminate in employment or in its educational programs and activities on the basis of race, national origin, color, religion, sex, age, disability, or veteran status. The University also affirms its commitment to providing equal opportunities and equal access to University facilities without reference to affectional or associational preferences. For additional information on nondiscrimination policies, contact the Coordinator of Title IX, Section 504, and the ADA in the Office of Affirmative Action, telephone (319) 335-0705, 202 Jessup Hall, The University of Iowa, Iowa City, Iowa, 52242-1316.

Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact CONFERENCES AND INSTITUTES in advance at (319) 335-3220.

## Wednesday, November 8, 1995

8:30 a.m.

**General Session: Sharing Visions,  
Sharing GIS Program Status  
Triangle Ballroom**

This general session is an opportunity to hear how organizations are implementing GIS technologies in Iowa. The focus is on how GIS has been and will be implemented within these organizations. Examples will aid participants in evaluating the usefulness of GIS and identifying implementation strategies. Private corporations, educational institutions, and federal, state and local agencies will be represented.

11:00 a.m.

**Keynote Address**

Richard Varn, Director of Telecommunications for the University of Northern Iowa, will challenge our vision for the future and address some of the major issues confronting us.

Mr. Varn has served 12 years in the Iowa Legislature, most recently as Majority Whip and Chair of the Communication and Information Policy Committee. He has held numerous positions of state and national leadership in the information policy area including three years as Chair of the National Conference of State Legislatures Task Force on Information Policy, Chair of the State Information Policy Consortium, and member of the National Academy of Public Administration's Panel on Information Management.

Mr. Varn has distinguished himself as one of the nation's leading policy makers, thinkers, and public speakers on issues related to information technology and its impact on government, education, libraries and society. He was recently named by Federal Computer Week as one of The Federal 100 and recipient of the Readers' Choice Award for his impact on federal information technology policy.

**12:00 p.m.**

**Box Luncheon**

Informal networking followed by a brief question and answer session with Richard Varn regarding issues raised during the morning session.

**1:30 p.m.**

**Breakout Sessions**

These sessions focus on learning about various utilizations for GIS technology and relevant issues. Each session will include presentations and discussion designed to highlight critical issues regarding the topic.

***Session A: Getting Started***

This session is designed to help decision makers and potential users to begin answering some of the complex questions related to costs, data sources, digitizing, training, various hardware and software systems, and the relationship between other GIS technologies.

***Session B: Communications***

Technologies which are available today, including the Iowa Communications Network (ICN), the World Wide Web (WWW) and Internet will be discussed with regard to sharing databases and maintaining documentation.

***Session C: Large Scale Base Mapping***

This session will discuss many technologies related to GIS: global positioning system (GPS), digital orthophotos, the high accuracy reference network (HARN), and state plane coordinate systems. The group will discuss how large scale base mapping relates to GIS.

***Session D: Emergency Management Systems***

This session will highlight the need for integration of information in map formats. Emergency planning and response programs may provide one of the most challenging tasks for GIS, but it also may be Iowa's most important application for the technology.

***Session E: Transportation Issues***

There are many issues related to the application of GIS technologies to transportation. GPS, record management systems, and 911 systems may have a part in the implementation of GIS with regard to Iowa's transportation system.

***Session F: Mapping Biodiversity***

A variety of persons and groups are interested in the Iowa bio-landscape. This session is designed to bring together people who are interested in mapping and understanding Iowa's landcover/landscape so that they may use it for various purposes.