



[Conference Home](#)
[Schedule](#)
[Program](#)
[Workshops](#)
[Exhibitors](#)
[Accommodations](#)
[Registration](#)

Presentation Information

Most presentations are allotted 30 minutes that will include time for a brief introduction, the presentation, and questions. Some presentations have requested additional time and where applicable, that request has been granted. This year's conference features 7 concurrent sessions that will be taking place in 4 different rooms at the Scheman Building. Our schedule is filled with 64 different presentations covering 11 different tracks.

You can view the lineup by [session](#), [title](#), [track](#) or [room assignment](#).

NOTE: We are experiencing some difficulties with printing this page. Until we can correct those issues please use this pdf version for printing. Thank you and sorry for the inconvenience.

By Session: [Session 1](#), [Session 2](#), [Session 3](#), [Session 4](#), [Session 5](#), [Session 6](#), [Session 7](#)

Session 1

Tuesday, August 30th - 3:00 pm - 4:30 pm

Remote Sensing

Room 167-171

- [The GeoTree Project](#)
- [Integrating Hydrologic and Environmental Data Into Iowa's GIS Infrastructure](#)

Technology Trends

Room 175-179

- [Beyond ArcGIS 9.1](#)
- [Pictometry: A Visual Information System](#)

Data Access & Distribution

Room 250-252

- [Caging Our Raging Paper & Geospatial Assets Using GIS](#)
- [GIS - ArcSDE – is it the right Environment for you?](#)

Infrastructure

Room 260-262

- [The Address Point Layer: An Inhouse Approach](#)

- [Addressing and Utilizing E911 GIS in Harrison County](#)
- [The Cedar Valley Trails 911 Signs Project](#)

Session 2

Wednesday, August 31st -
8:30 am - 10:00 am

Homeland Security

Room 167-171

- [State Level Officials from Homeland Security Offices](#)

Land Records

Room 175-179

- [I Want to Move to the Geodatabase – How Do I Get There?](#)
- [Parcel Data Models](#)

Data Access & Distribution

Room 250-252

- [Seven Deadly Sins](#)
- [US Route 30 Lincoln Highway GIS Database Development](#)
- [Iowa's Historic Bridges Online](#)

Infrastructure

Room 260-262

- [GIS and Subsurface Utility Engineering-The pro-active solution.](#)
- [The City of Cedar Rapids GIS Easement Project](#)
- [Using GIS for Utility Locates](#)

Session 3

Wednesday, August 31st - 10:15 am - 11:45 am

Homeland Security

Room 167-171

- [GIS Applications in AgroBiosecurity](#)
- [Area Ambulance](#)

Land Records

Room 175-179

- [The Parcel Is Born on the Map: Real GIS & CAMA/Tax Integration](#)
- [Using GIS to Calibrate Real Estate Valuation Models to the Local Market](#)
- [GIS and Drainage](#)

Assessment

Data Access & Distribution *Room 250-252*

- [The National Map - The Nation's Map of the Future](#)
- [Central GIS Data Repository Project](#)

Environmental Health *Room 260-262*

- [GIS Applications in Environmental Health](#)
- [GIS Site Suitability Modeling to Identify Potential Corn Stover Collection Sites in Northern Iowa](#)
- [HAZUS-MH](#)

Session **4**

Wednesday, August 31st - 1:15 pm - 2:45 pm

Homeland Security *Room 167-171*

- [Using GIS to Catch the Bad Guys](#)
- [Local County Experiences in GIS and Homeland Security](#)

Technology Trends *Room 175-179*

- [The Road to Success with Field GPS](#)
- [The Future of the Statewide GPS Network](#)
- [MAF/TIGER Accuracy Improvement Project](#)

Data Access & Distribution *Room 250-252*

- [A Local Implementation of Web GIS to Handle Cross-Jurisdictional Areas](#)
- [Considerations and Implementation of a Typical County WebGIS](#)
- [Customizing Arcmap to Make GIS Users' Job Easier](#)

Remote Sensing *Room 260-262*

- [LiDAR: What is it and how do you use it?](#)
- [Traditional](#)

[Photogrammetry and
LIDAR Can Work Together](#)

- [LiDAR Applications in
Iowa: A Panel Discussion](#)

**Session
5**

Wednesday, August 31st - 3:00 pm - 4:00 pm

Homeland Security

Room 167-171

- [Homeland Security Grants](#)

Technology Trends

Room 175-179

- [Using GIS To Investigate
Possible Associations
Between Select Herbicide
Concentrations and the
Incidence of Cancer in
Iowa](#)
- [Investigating Applications
From Ethnically Diverse to
Central College: Using GIS
to Shape Recruiting
Strategies](#)

**Partnerships & Success
Stories**

Room 250-252

- [Registered Apprenticeship:
Building a Skilled
Workforce in High Growth
Industries](#)
- [GIS Certification: A Panel
Discussion](#)

Remote Sensing

Room 260-262

- [Evaluating the Differences
Between Digital Aerial
Data Capture Versus Film
Based Data Capture](#)

**Session
6**

Thursday, September 1st - 8:30 am - 9:30 am

Education

Room 167-171

- [Incorporating GPS and
GIS Technology into your
Classroom Curriculum](#)
- [Model Program of Study:
Agricultural Geospatial
Technology](#)

Technology Trends

Room 175-179

- [GIS Tricks Learned by a](#)

[Crime Analyst](#)

- [Travel Demand Modeling Using Transcad](#)

Partnerships & Success Stories

Room 250-252

- [Partnering and the Iowa DOT LRS Centerline Project](#)
- [Iowa DOT GIS/Planning Partnership with Regional Planning Affiliations and Metropolitan Planning Organizations](#)

Natural Resources

Room 260-262

- [Forestry Uses of GIS](#)

Session 7

Thursday, September 1st - 9:45 am - 11:15 am

Education

Room 167-171

- [Educating Young Women on GIS](#)
- [Turning Kids onto GPS and GIS: A Panel Discussion](#)

Technology Trends

Room 175-179

- [Modeling Prehistoric Archaeological Site Location](#)
- [Using GIS To Integrate Available Data on Surface Geology for Archaeological Modeling in Iowa Stream Valleys](#)
- [Mapping Principles: Making Your Map Look Good!](#)

Data Access & Distribution

Room 250-252

- [Imagery Management](#)
- [Turning the Corner: Evolution of the I-Sites On-Line GIS Interface](#)
- [Flash and Web Mapping](#)

Natural Resources

Room 260-262

- [Accessing USDA Geodata](#)
- [Wetlands Inventory Project](#)

- [GIS & Conservation Planning at the Nature Conservancy](#)

[-back to the top-](#)

By Title:

Title of Presentation	Session	Track
A Local Implementation of Web GIS to Handle Cross-Jurisdictional Areas	4	Data Access & Distribution
Accessing USDA Geodata	7	Natural Resources
Addressing and Utilizing E911 GIS in Harrison County	1	Infrastructure
Beyond ArcGIS 9.1	1	Technology Trends
Caging Our Raging Paper & Geospatial Assets Using GIS	1	Data Access & Distribution
Central GIS Data Repository Project	3	Data Access & Distribution
Considerations and Implementation of a Typical County WebGIS	4	Data Access & Distribution
Customizing Arcmap to Make GIS Users' Job Easier	4	Data Access & Distribution
Educating Young Women on GIS	7	Education
Evaluating the Differences Between Digital Aerial Data Capture Versus Film Based Data Capture	5	Remote Sensing
Flash and Web Mapping	7	Data Access & Distribution
Forestry Uses of GIS	6	Natural Resources
GeoTree Project	1	Remote Sensing
GIS - ArcSDE – is it the right Environment for you?	1	Data Access & Distribution
GIS - Drainage Assessment	3	Land Records
GIS and Subsurface Utility Engineering-The pro-active solution.	2	Infrastructure
GIS Applications in AgroBiosecurity	3	Homeland Security
GIS Certification: A Panel Discussion	5	Partnerships & Success Stories
GIS Applications in Environmental Health	3	Environmental Health

GIS Site Suitability Modeling to Identify Potential Corn Stover Collection Sites in Northern Iowa	3	Environmental Health
GIS Tricks Learned by a Crime Analyst	6	Technology Trends
HAZUS-MH	3	Environmental Health
Homeland Security Grants	5	Homeland Security
How The Nature Conservancy Utilizes GIS	7	Natural Resources
I Want to Move to the Geodatabase – How Do I Get There?	2	Land Records
Imagery Management	7	Data Access & Distribution
Incorporating GPS and GIS Technology into your Classroom Curriculum	6	Education
Integrating Hydrologic and Environmental Data Into Iowa's GIS Infrastructure	1	Remote Sensing
Investigating Applications From Ethnically Diverse to Central College: Using GIS to Shape Recruiting Strategies	5	Technology Trends
Iowa DOT GIS/Planning Partnership with Regional Planning Affiliations and Metropolitan Planning Organizations	6	Partnerships & Success Stories
Iowa's Historic Bridges Online	2	Data Access & Distribution
LiDAR Applications in Iowa: A Panel Discussion	4	Remote Sensing
Local Government and Homeland Security	4	Homeland Security
MAF/TIGER Accuracy Improvement Project	4	Technology Trends
Mapping Principles: Making Your Map Look Good!	7	Technology Trends
Medical Response - Area Ambulance	3	Homeland Security
Model Program of Study: Agricultural Geospatial Technology	6	Education
Modeling Prehistoric Archaeological Site Location	7	Technology Trends

Parcel Data Models	2	Land Records
Partnering and the Iowa DOT LRS Centerline Project	6	Partnerships & Success Stories
Pictometry: A Visual Information System	1	Technology Trends
Registered Apprenticeship: Building a Skilled Workforce in High Growth Industries	5	Partnerships & Success Stories
Seven Deadly Sins	2	Data Access & Distribution
The Address Point Layer: An Inhouse Approach	1	Infrastructure
The Cedar Valley Trails 911 Signs Project	1	Infrastructure
The City of Cedar Rapids GIS Easement Project	2	Infrastructure
The Future of the Statewide GPS Network	4	Technology Trends
The National Map - The Nation's Map of the Future	3	Data Access & Distribution
The Parcel Is Born on the Map: Real GIS & CAMA/Tax Integration	3	Land Records
The Road to Success with Field GPS	4	Technology Trends
Traditional Photogrammetry and LiDAR Can Work Together	4	Remote Sensing
Travel Demand Modeling Using Transcad	6	Technology Trends
Turning Kids onto GPS and GIS: A Panel Discussion	7	Education
Turning the Corner: Evolution of the I-Sites On-Line GIS Interface	7	Data Access & Distribution
US Route 30 Lincoln Highway GIS Database Development	2	Data Access & Distribution
Using GIS for Utility Locates	2	Infrastructure
Using GIS to Calibrate Real Estate Valuation Models to the Local Market	3	Land Records
Using GIS to Catch the Bad Guys	4	Homeland Security
Using GIS To Integrate Available Data on Surface Geology for Archaeological Modeling in Iowa	7	Technology Trends

Stream Valleys		
Using GIS To Investigate Possible Associations Between Select Herbicide Concentrations and the Incidence of Cancer in Iowa	5	Technology Trends
Wetlands Inventory Project	7	Natural Resources

[-back to the top-](#)

By Track: [Data Access & Distribution](#), [Education](#), [Environmental Health](#), [Homeland Security](#), [Infrastructure](#), [Land Records](#), [Natural Resources](#), [Remote Sensing](#), [Partnerships & Success Stories](#), [Technology Trends](#)

Data Access & Distribution

Session 1

Room 250-252

- [Caging Our Raging Paper & Geospatial Assets Using GIS](#)
- [GIS - ArcSDE – is it the right Environment for you?](#)

Session 2

Room 250-252

- [Seven Deadly Sins](#)
- [US Route 30 Lincoln Highway GIS Database Development](#)
- [Iowa's Historic Bridges Online](#)

Session 3

Room 250-252

- [The National Map - The Nation's Map of the Future](#)
- [Central GIS Data Repository Project](#)

Session 6

Room 250-252

- [A Local Implementation of Web GIS to Handle Cross-Jurisdictional Areas](#)
- [Considerations and Implementation of a Typical County WebGIS](#)
- [Customizing Arcmap to Make GIS Users' Job Easier](#)

Session 7

Room 250-252

- [Imagery Management](#)

- [Turning the Corner: Evolution of the I-Sites On-Line GIS Interface](#)
- [Flash and Web Mapping](#)

Education

Session 6

Room 167-171

- [Incorporating GPS and GIS Technology into your Classroom Curriculum](#)
- [Model Program of Study: Agricultural Geospatial Technology](#)

Session 7

Room 167-171

- [Educating Young Women on GIS](#)
- [Turning Kids onto GPS and GIS: A Panel Discussion](#)

Environmental Health

Session 3

Room 260-262

- [GIS Applications in Environmental Health](#)
- [GIS Site Suitability Modeling to Identify Potential Corn Stover Collection Sites in Northern Iowa](#)
- [HAZUS-MH](#)

Homeland Security

Session 2

Room 167-171

- [State Level Officials from Homeland Security Offices](#)

Session 3

Room 167-171

- [GIS Applications in AgroBiosecurity](#)
- [Area Ambulance](#)

Session 4

Room 167-171

- [Using GIS to Catch the Bad Guys](#)
- [Local County Experiences in GIS and Homeland Security](#)

Session 5

Room 167-171

- [Homeland Security Grants](#)

Infrastructure**Session 1***Room 260-262*

- [The Address Point Layer: An Inhouse Approach](#)
- [Addressing and Utilizing E911 GIS in Harrison County](#)
- [The Cedar Valley Trails 911 Signs Project](#)

Session 2*Room 260-262*

- [GIS and Subsurface Utility Engineering-The pro-active solution.](#)
- [The City of Cedar Rapids GIS Easement Project](#)
- [Using GIS for Utility Locates](#)

Land Records**Session 2***Room 175-179*

- [I Want to Move to the Geodatabase – How Do I Get There?](#)
- [Parcel Data Models](#)

Session 3*Room 175-179*

- [The Parcel Is Born on the Map: Real GIS & CAMA/Tax Integration](#)
- [Using GIS to Calibrate Real Estate Valuation Models to the Local Market](#)
- [GIS - Drainage Assessment](#)

Natural Resources**Session 6***Room 260-262*

- [Forestry Uses of GIS](#)

Session 7*Room 260-262*

- [Accessing USDA Geodata](#)
- [Wetlands Inventory Project](#)
- [GIS & Conservation Planning at the Nature Conservancy](#)

Remote Sensing**Session 1***Room 167-171*

- [The GeoTree Project](#)

- [Integrating Hydrologic and Environmental Data Into Iowa's GIS Infrastructure](#)

Session 4*Room 260-262*

- [LiDAR: What is it and how do you use it?](#)
- [Traditional Photogrammetry and LIDAR Can Work Together](#)
- [LiDAR Applications in Iowa: A Panel Discussion](#)

Session 5*Room 260-262*

- [Evaluating the Differences Between Digital Aerial Data Capture Versus Film Based Data Capture](#)

Partnerships & Success Stories**Session 5***Room 250-252*

- [Registered Apprenticeship: Building a Skilled Workforce in High Growth Industries](#)
- [GIS Certification: A Panel Discussion](#)

Session 6*Room 250-252*

- [Partnering and the Iowa DOT LRS Centerline Project](#)
- [Iowa DOT GIS/Planning Partnership with Regional Planning Affiliations and Metropolitan Planning Organizations](#)

Technology Trends**Session 1***Room 175-179*

- [Beyond ArcGIS 9.1](#)
- [Pictometry: A Visual Information System](#)

Session 4*Room 175-179*

- [The Road to Success with Field GPS](#)
- [The Future of the Statewide GPS Network](#)
- [MAF/TIGER Accuracy Improvement Project](#)

Session 5*Room 175-179*

- [Using GIS To Investigate Possible Associations Between Select](#)

[Herbicide Concentrations and the Incidence of Cancer in Iowa](#)

- [Investigating Applications From Ethnically Diverse to Central College: Using GIS to Shape Recruiting Strategies](#)

Session 6

Room 175-179

- [GIS Tricks Learned by a Crime Analyst](#)
- [Travel Demand Modeling Using Transcad](#)

Session 7

Room 175-179

- [Modeling Prehistoric Archaeological Site Location](#)
- [Using GIS To Integrate Available Data on Surface Geology for Archaeological Modeling in Iowa Stream Valleys](#)
- [Mapping Principles: Making Your Map Look Good!](#)

[-back to the top-](#)

By Room: [Room 167-171](#), [Room 175-179](#), [Room 250-252](#), [Room 260-262](#)

Room 167-171

Session 1

Remote Sensing

- [The GeoTree Project](#)
- [Integrating Hydrologic and Environmental Data Into Iowa's GIS Infrastructure](#)

Session 2

Homeland Security

- [State Level Officials from Homeland Security Offices](#)

Session 3

Homeland Security

- [GIS Applications in AgroBiosecurity](#)
- [Area Ambulance](#)

Session 4

Homeland

Security

- [Using GIS to Catch the Bad Guys](#)
- [Local County Experiences in GIS and Homeland Security](#)

Session 5*Homeland Security*

- [Homeland Security Grants](#)

Session 6*Education*

- [Incorporating GPS and GIS Technology into your Classroom Curriculum](#)
- [Model Program of Study: Agricultural Geospatial Technology](#)

Session 7*Education*

- [Educating Young Women on GIS](#)
- [Turning Kids onto GPS and GIS: A Panel Discussion](#)

Room 175-179**Session 1***Technology Trends*

- [Beyond ArcGIS 9.1](#)
- [Pictometry: A Visual Information System](#)

Session 2*Land Records*

- [I Want to Move to the Geodatabase – How Do I Get There?](#)
- [Parcel Data Models](#)

Session 3*Land Records*

- [The Parcel Is Born on the Map: Real GIS & CAMA/Tax Integration](#)
- [Using GIS to Calibrate Real Estate Valuation Models to the Local Market](#)
- [GIS - Drainage Assessment](#)

Session 4*Technology Trends*

- [The Road to Success with Field GPS](#)
- [The Future of the Statewide GPS Network](#)
- [MAF/TIGER Accuracy Improvement Project](#)

Session 5*Technology Trends*

- [Using GIS To Investigate Possible Associations Between Select Herbicide Concentrations and the](#)

[Incidence of Cancer in Iowa](#)

- [Investigating Applications From Ethnically Diverse to Central College: Using GIS to Shape Recruiting Strategies](#)

Session 6

Technology Trends

- [GIS Tricks Learned by a Crime Analyst](#)
- [Travel Demand Modeling Using Transcad](#)

Session 7

Technology Trends

- [Modeling Prehistoric Archaeological Site Location](#)
- [Using GIS To Integrate Available Data on Surface Geology for Archaeological Modeling in Iowa Stream Valleys](#)
- [Mapping Principles: Making Your Map Look Good!](#)

Room 250-252

Session 1

Data Access & Distribution

- [Caging Our Raging Paper & Geospatial Assets Using GIS](#)
- [GIS - ArcSDE – is it the right Environment for you?](#)

Session 2

Data Access & Distribution

- [Seven Deadly Sins](#)
- [US Route 30 Lincoln Highway GIS Database Development](#)
- [Iowa's Historic Bridges Online](#)

Session 3

Data Access & Distribution

- [The National Map - The Nation's Map of the Future](#)
- [Central GIS Data Repository Project](#)

Session 4

Data Access & Distribution

- [A Local Implementation of Web GIS to Handle Cross-Jurisdictional Areas](#)
- [Considerations and Implementation of a Typical County WebGIS](#)
- [Customizing Arcmap to Make GIS](#)

Users' Job Easier**Session 5***Partnerships &
Success
Stories*

- [Registered Apprenticeship: Building a Skilled Workforce in High Growth Industries](#)
- [GIS Certification: A Panel Discussion](#)

Session 6*Partnerships &
Success
Stories*

- [Partnering and the Iowa DOT LRS Centerline Project](#)
- [Iowa DOT GIS/Planning Partnership with Regional Planning Affiliations and Metropolitan Planning Organizations](#)

Session 7*Data Access &
Distribution*

- [Imagery Management](#)
- [Turning the Corner: Evolution of the I-Sites On-Line GIS Interface](#)
- [Flash and Web Mapping](#)

Room 260-262**Session 1***Infrastructure*

- [The Address Point Layer: An Inhouse Approach](#)
- [Addressing and Utilizing E911 GIS in Harrison County](#)
- [The Cedar Valley Trails 911 Signs Project](#)

Session 2*Infrastructure*

- [GIS and Subsurface Utility Engineering-The pro-active solution.](#)
- [The City of Cedar Rapids GIS Easement Project](#)
- [Using GIS for Utility Locates](#)

Session 3*Environmental
Health*

- [GIS Applications in Environmental Health](#)
- [GIS Site Suitability Modeling to Identify Potential Corn Stover Collection Sites in Northern Iowa](#)
- [HAZUS-MH](#)

Session 4*Remote
Sensing*

- [LiDAR: What is it and how do you use it?](#)
- [Traditional Photogrammetry and LIDAR Can Work Together](#)
- [LiDAR Applications in Iowa: A Panel Discussion](#)

Session 5*Remote Sensing*

- [Evaluating the Differences Between Digital Aerial Data Capture Versus Film Based Data Capture](#)

Session 6*Natural Resources*

- [Forestry Uses of GIS](#)

Session 7*Natural Resources*

- [Accessing USDA Geodata](#)
- [Wetlands Inventory Project](#)
- [GIS & Conservation Planning at the Nature Conservancy](#)

Poster Information

For more details, contact Kris Tuttle at 515-237-1329 or kluttle@dmgov.gov.