



Geographic Information Advisory Council

June 4, 2013

10:00 AM – 12:00 PM

1024 Capital Center Drive, Suite 340, Frankfort

Welcome & Announcements..... Steve Rucker

Introduction - James Fowler, Commonwealth CIO

Kentucky Aerial Photography & Elevation Data (KYAPED)..... Kent Anness

Division of Geographic Information

Search Services..... Jeremy Gould

Kentucky Transportation Cabinet

LiDAR Testimonial Robert Cammack

Division of Abandoned Mine Lands

GIS & Local Area Support Services Shane New

Bluegrass Area Development District

KAMP Report Angela Scott

KAMP President

GIAC Committee Reports

Executive Committee Carla Hawkins

Standards Committee Will Holmes

Outreach & Education Committee Roger Recktenwald

DGI Report..... Tom Rossman

Proposed GIAC Operating Principles Carla Hawkins

New Business & Final Notes

Chair

Steve Rucker

Members

William Andrews

Brad Bates

Kevin R. Cornette

David Couch

John Covington

Doug Curl

Will Holmes

Lisa G. Martin

Harla McClure

Ann N. Miller

Ted Niemann

Roger Recktenwald

James R. Riney

Tom Rossman

Larisa K. Sims

Robert Stout

Marvin Terry

Steven Vest

Mark Wiljanen

Legislative Liaison

Scott Hamilton

Executive Director

Carla Hawkins

Kentucky Geographic Information Advisory Council

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<http://technology.ky.gov/gis/Pages/GIAC.aspx>

Geographic Information Advisory Council

6/4/13 MEETING MINUTES

MEMBERS ATTENDING:

1. Brad Bates (*Justice & Public Safety Cabinet*)
2. Kevin Cornette (*Kentucky Society of Professional Engineers*)
3. Robert Hackworth for David Couch (*Kentucky Department of Education*)
4. John Covington (*Department for Local Government*)
5. Matt Crawford for Doug Curl (*Kentucky Geological Survey*)
6. Todd Ewing for General Ed Tonini (*Department of Military Affairs*)
7. Will Holmes (*Kentucky Transportation Cabinet*)
8. Roger Recktenwald (*Kentucky Association of Counties*)
9. Ted Niemann (*Kentucky Association of Professional Surveyors*)
10. Tom Rossman (*Finance & Administration Cabinet*)
11. Steve Rucker, Chair (*Commonwealth Office of Technology*)
12. Marvin Terry (*Energy & Environment Cabinet*)
13. Jennifer Schenkenfelder for Steven Vest (*Cabinet for Economic Development*)

GUESTS:

Rusty Anderson (*Kentucky Infrastructure Authority*), Kent Anness (*Division of Geographic Information*), Kim Anness (*Division of Geographic Information*), Robert Cammack (*Division of Abandoned Mine Lands*), Kevin Devine (*Division of Mine Permits*), Carla Hawkins (*Commonwealth Office of Technology*), David Gordon (*Department of Revenue*), Jeremy Gould (*Kentucky Transportation Cabinet*), Greg Jennings (*Kentucky Transportation Cabinet*), Ryan Siemens (*Kentucky Association of Counties*), Scott Stepro (*Division of Geographic Information*), Mike Tackett (*Department of Revenue*), Demetrio Zourarakis (*Division of Geographic Information*)

Announcements/Administration

- Meeting called to order at 10:15 a.m. by Chairperson Steve Rucker, who announced that Carla Hawkins would co-chair the meeting due to an unavoidable scheduling conflict which would require Steve to leave early.
- Kentucky's new Chief Information Officer, James Fowler, was introduced and will be leading future GIAC meetings as the ex-officio chairperson.
- Meeting minutes from 1/31/12 (handout) reviewed; Will Holmes entered a motion to adopt the minutes, motion was seconded by Marvin Terry, and passed by membership as written.
- Meeting minutes from 12/4/12 (handout) reviewed; Roger Recktenwald entered a motion to adopt the minutes, motion was seconded by Tom Rossman, and passed by membership as written.
- Discussion notes from 3/5/13 were distributed.
- Membership confirmation needed for Tourism, Arts, and Heritage Cabinet council seat due to appointment of new secretary, Robert Stewart, who serves as the cabinet's ex-officio member.

Kentucky Aerial Photography & Elevation Data Program (KYAPED) – *Kent Anness*

- Data from the 2012 project area comprises 50% of Kentucky's population and is now accessible via the *Commonwealth Map*; some data is also available via KyGeoNet; all data should be available for download this week.
- Sample imagery and 5 ft. DEMs were displayed via projector; updates and news will be announced on the KyGeoNet home page.
- Instructions were distributed earlier this week showing how to apply the slope function (% slope) on the fly with just a few mouse clicks.
- Imagery for the 2013 project area (33,000 sq. miles) will include a fourth, IR band (demonstrated on projector); most of the area has already been flown, and all of the aerial photography has been collected by the vendor.
- Looking ahead to 2014, partnership potential exists with the TVA, Kentucky's newly selected USGS liaison has may be able to help with federal funds, and all agencies are encouraged to step forward to participate.

Guest Presentation: Search Services (Kentucky Transportation Cabinet) – *Jeremy Gould*

Deferred due to network issues; to be rescheduled for next council meeting.

Guest Presentation: LiDAR Testimonial by the Division of Abandoned Mine Lands – *Robert Cammack*

- LiDAR enables the agency to obtain necessary calculations for many of its projects, which can be easily completed remotely from the office, when previously the work would require extensive surveying on site.

- Kinzer Slope Project – engineering/survey costs would have been eliminated entirely if LiDAR had been available for the project (2 years ago), saving considerable funds expended for the work to be outsourced, in addition to the over 100 man hours required in the field.
- Division of Mine Permits (Kevin Devine) relies on LiDAR derivative products to identify/measure discharge ponds, gaps in hollow fills and other data layers; hillshade data from LiDAR better illustrates and defines mine features.
- Mine Reclamation Plan – LiDAR provides higher resolution and more accurate data than previous, outdated data derived from traditional methods.
- Marvin Terry (GAPS) added that LiDAR and imagery data has enabled different groups in his cabinet to collaborate and share data to save costs.

Guest Presentation: GIS & Local Area Support Services – *Shane New*

Presenter unable to attend due to an urgent and unexpected work situation; to be rescheduled for next council meeting.

KAMP Update – *Demetrio Zourarakis*

Kentucky GIS Conference

- October 1-2 in Louisville, KY.
- Nine (9) pre-conference workshops on Sept. 30.
- Registration will be opened soon.
- GIAC support and participation are strongly encouraged.

Executive Committee Update – *Carla Hawkins, Chair*

Planned meeting with the Office of the State Budget Director was very productive; importance of the aerial imagery and elevation data acquisition program was effectively communicated.

Standards Committee Update – *Will Holmes, Chair*

Committee expects to nail down 10-15 parcel attributes, a subset of parcel data, to use in a proposal for data sharing between state agencies and PVAs; committee’s recommendation for GIAC will be provided at the next council meeting.

Outreach Committee Update – *Roger Recktenwald, Chair*

- Early outreach efforts have focused on commandeering leadership to espouse the benefits of GIS and encourage its use at the state level.
- Efforts will now focus more heavily on the practical aspects of GIS and its potential application to additional needs.
 - Identify ways to use GIS that provide a much broader value to local communities – communicate the huge impacts of GIS to local entities.
 - Deliver real stories about how GIS has affected a need or problem; share success stories from a neighboring county, etc.; tie the “wow factor” to visible benefits that local officials can witness so they are motivated to include funding for GIS in budget plans, etc.
 - Committee needs the council’s help to translate the importance of GIS to local communities in a way that they can appreciate it beyond merely the technology.

DGI Update – *Tom Rossman, Director of the Division of Geographic Information*

- GIS Project with the Cabinet for Economic Development - www.SelectKentucky.com
 - Site is current in soft launch phase; watch for cabinet promos on hard launch coming soon.
 - Application works well on iPad and mobile devices, which was not possible via ESRI software but was accomplished via developers using HTML 5.0.
 - Presentation/demo by cabinet personnel will be planned for September council meeting.
- GIS Data/Storage – Faraday Cage

The division considering a Faraday cage, which would protect GIS data so it can be used and available to emergency services even in an electric disaster (electronic pulse, destruction of electric grid).

GIAC Operating Procedures (Revised v. 2.0)

- Handout/copy of revised draft distributed for review.
- Roger Recktenwald noted that the signature block at the end of the document should be amended for James Fowler’s signature as the new council chairperson.

- Will Holmes entered a motion that the Operating Principles be adopted as revised above, Marvin Terry seconded the motion, all members agreed unanimously, and the Operating Principles were adopted as amended/revised.
- Final, signed copy of the Operating Principles will be distributed to members and posted to the council web site.

New Business/Final Notes:

- Next Quarterly Meeting – September 3rd. Roberta Young will distribute meeting notification for calendar scheduling purposes.
- Roger Recktenwald entered a motion to adjourn the meeting, Brad Bates seconded the motion, all approved and meeting was adjourned at 11:35 a.m.

Adopted by Council on 9/13/13