

# Louisiana Geographic Information Systems Council

## Digital Data Committee

Meeting of February 17, 2022

### Attendance

#### Committee Members Present:

Daryl Mack – Department of Transportation and Development (DOTD)  
David Gisclair – Louisiana Senate (Senate)  
Josh Manning – Louisiana Planning and Development Districts (PDD)  
Kathrine Cargo – Louisiana Chapter Emergency Numbering Association (NENA)  
Warren Kron – Louisiana Municipal Association (LMA)

#### Absent:

Chris Ard – City of New Orleans

#### Others Present:

Anthony Summers - West Baton Rouge Homeland Security, Emergency Preparedness & 911  
Chris Cretini – United States Geological Survey (USGS)  
Fran Harvey – Louisiana Secretary of State (SOS)  
Jason Carr - Department of Transportation and Development (DOTD)  
Josh Chatelain – Arcadis US, Inc. (Arcadis)  
Lynn Dupont – Louisiana Planning and Development Districts (PDD)

### 1. Call to Order

Committee Chair Warren Kron (LMA) called the meeting to order at 12:03 PM. A quorum was present for the meeting which was held virtually via Webex.

### 2. Approval of January Meeting Minutes

Mr. Kron (LMA) asked members to review the minutes from the January 20, 2022 meeting. Several minor grammatical errors were discussed and corrections made. On a motion by Josh Manning (PDD) and a second by David Gisclair (Senate), the January minutes were unanimously approved with grammatical corrections.

### 3. Recommend appointment of new committee chair

Mr. Kron brought up the need to appoint a new Digital Data Committee chairperson due to his becoming the chair of the Louisiana GIS Council. He recommended that Joshua Manning be nominated. Mr. Manning reported he was amenable to the nomination. With no objections from the committee, Mr. Kron reported he would make the recommendation at the full council meeting.

Ms. Dupont reported that she would be able to officially serve as a Digital Data Committee member in the future if a position was available. Mr. Kron stated that there are currently six members, but that a spot may open up soon.

### 4. Review LSDI 2.1 Land Use data designation document

Mr. Kron shared the Land Use data designation document. He reported that he, Mr. Manning, and Ms. Dupont met after the last meeting to clean-up the document and make some small tweaks and opened the floor for any additional comments or changes. Mr. Gisclair discussed

the need to keep the language distinguishing between land use and land cover and to ensure this same language is included in Land Cover data designation document. Mr. Kron stated this would be reviewed. Mr. Manning reported that a Land Cover narrative was started but that the data designation document needs to be cleaned-up. Mr. Manning motioned to recommend that the full council adopt the Land Use data designation document as presented, and with a second by Mr. Gisclair the motion carried unanimously.

#### **5. Review LSDI 1.6.3 Parcels framework**

Mr. Kron shared the schema for parcels and explained that this item had gone to the full council for approval last month. However, it was not approved due to a lack of clarity on how the Orleans Parish Assessor's Office handles parcel numbers. Ms. Dupont has reached out to the office to seek more clarification. Mr. Kron reported that the Louisiana Tax Commission office has a requirement of 20 characters for parcel numbers as a required field. Mr. Gisclair asked if the Orleans Parish Assessor's Office uses a crosswalk, to which Ms. Cargo stated they do not. Ms. Dupont recommended that the committee contact the Tax Commission office directly to see how Orleans Parish is handled. Mr. Kron recommended the committee contact Jimmy Laurent to see if he knew the best individual to discuss this issue at the tax commission office.

Mr. Mack stated that there is a meeting on March 27-30 in New Orleans during which he will be on a panel discussion on statewide parcel sharing. No action taken.

#### **6. Discuss LSDI 1.2 Orthoimagery framework**

Ms. Cargo stated that she spoke with Andrew Milanes and reported that point clouds are being created by LiDAR data. She recommended that the committee look into aerial, ground, water, and underground imagery, potentially discussing with Chad Netto with Chustz Surveying.

Mr. Gisclair stated that he believes these items should be classified under LSDI 1.3 Elevation and Bathymetry. He made a distinction between orthoimagery and LiDAR stating that imagery is raster data whereas LiDAR, and other elevation and bathymetry data have X-Y attributes.

Chris Cretini (USGS) stated that the USGS 3D Elevation Program (3DEP) includes point cloud data and digital elevation models, and that DOTD has adopted its specifications. He continued stating that in the past USGS partnered with local agencies to collect imagery but now uses funding to support USDA's National Agriculture Imagery Program (NAIP). NAIP recently collected 1-foot resolution in the state due to recent hurricanes. He relayed that NAIP imagery is collected every two years.

Mr. Gisclair asked Mr. Cretini if aerial, satellite, and ground are still the three main technologies to collect imagery. He stated that the LSDI currently has imagery divided by the technology used to collect the data.

Mr. Cretini stated that topobathy is a major part of USGS collection efforts in other states, but not used much in Louisiana due to high turbidity of water bodies. He also stated UAS/UAV is becoming more common for collection of data both for imagery and elevation. He explained

that UAS can create 3D models by stitching together images on common points. These images have X-Y attributes and centroids. Ms. Cargo stated that it sounds like this should also be classified as elevation data.

Ms. Cargo asked if the committee would be developing a schema for imagery data. Mr. Kron mentioned developing comparative type table which would list different types of imagery, preferred uses, specification, and references/samples. Mr. Gisclair agreed with this approach due to the different standards with varying technologies. Mr. Cretini stated he can advise the committee on the various USGS standards for collection. No action taken.

Mr. Kron mentioned that Anthony Summers has helped coordinate a meeting with regional 911 directors and DOTD. Discussion ensued on the upcoming meeting and various strategies for discussion with the directors.

## **7. Next Meeting**

Mr. Kron stated that the next meeting was scheduled for noon on Thursday, March 17, 2022 and the location will be determined later. Mr. Gisclair motioned to adjourn the meeting, seconded by Mr. Kron. Motion carried and the meeting ended at 1:05 PM.

## **Action Items**

- Mr. Kron will present the committee's recommendation of Joshua Manning and committee chair for approval.
- Mr. Kron will present the Land Use data designation document to the full council and send out to members for their review and consideration at the March meeting.
- Mr. Kron will get in touch with Jimmy Laurent to see if he has a contact at Tax Commission's Office to discuss the Orleans Parish Assessor's parcel numbers.