

Maine Library of Geographic Information Board Meeting
Wednesday, January 18, 2023
10:00 AM to 12:00 Noon

Seat #	Attending	Present/Online	Notes
1	Nicholas Marquis	X	
2	Brian Guerrette	X	
4	Nate Kane	X	<i>Awaiting re-appointment</i>
5	Vinton Valentine	X	
6	Gregory Copeland	Absent	
7	Vern Maxfield	Absent	
8	Leticia vanVuuren	X	
9	<i>Vacant, Statewide Ass'n of Counties</i>	-	<i>Nomination at Governor's Office</i>
10	Katie Bernhardt	Absent	
11	Sarah Haggerty	X	
12	<i>Vacant, Public Utilities</i>	-	
13	Aaron Weston	X	
14	Patrick Cunningham	X	
15	<i>Vacant, Public</i>	-	
16	Maria Jacques	X	<i>Awaiting re-appointment</i>
Staff:			
Claire Kiedrowski, Executive Director		X	
Heather Meserve		X	
Guests:			
Karen Anderson		X	
Bob Bistras		X	
Mal Carey		X	
Eileen		X	
Jon Giles		X	
Laura Graziano		X	

Christopher Lewis	X	
John Lyman	X	
Janet Parker	X	
Emily Pettit	X	
Jon Rice	X	
Samuel Roy	X	
Tracy Scopel	X	
Derek Strout	X	
Clarence Young	X	

1. Election of Chair – Claire Kiedrowski
 - a) Sarah Haggerty nominated Leticia vanVuuren, seconded by Maria Jacques.
 - b) Motion to elect Leticia vanVuuren as 2023 Chair for the GeoLibrary Board, made by Vinton Valentine, seconded by Nate Kane.
 - i) Voted: 9 Yea 0 Nay 0 Abstained

2. Meeting minutes of December 14, 2022 – Leticia vanVuuren
 - a) Correction to clarify land cover project for UMaine under Executive Director’s report.
 - b) Motion to approve the amended minutes of the December 14, 2022, meeting made by Aaron Weston, seconded by Nate Kane.
 - i) Voted: 9 Yea 0 Nay 0 Abstained

3. “State Hazard Mitigation Plan – 2023 Update” – Samuel Roy, Natural Hazards Planner, MEMA
 - a) Plan’s goal is to mitigate effects of natural hazards, such as storms, flooding, etc.
 - b) MEMA is required to use “Best Available” data and assessments for creating risk assessments.
 - c) Questions & Comments:
 - i) Is Maine Risk Map public?
 - (1) Yes, it is.
<https://maine.maps.arcgis.com/apps/mapviewer/index.html?webmap=eb8ec0935ce544dbaa80aec18c8db785>
 - ii) Claire can share the presentation slides to anyone who would like them following the meeting.
 - iii) Link to current State Hazard Mitigation Plan, created in 2019, is
https://www.maine.gov/mema/sites/maine.gov/mema/files/inline-files/State%20Hazard%20Mitigation%20Plan%202019%20Update_10.8.2019.pdf and
 - iv) Would MEMA be interested in participating in Orthoimagery acquisition around the state again?
 - (1) We use that information a lot, so we would want to participate.
 - v) How much of a problem is the gap in any data that exists for the communities you’re reaching out to, particularly on the organized town side of coverage?
 - (1) I’m not sure how accurate it is, or sometimes there is no data available. Ideally, I would love to have full coverage because we try to analyze on an individual building footprint or parcel basis. Then we can sort of aggregate that up to a level that ensures privacy of homeowners and things like that. If more comprehensive data is available, it will be more beneficial to the state and communities.

- vi) Where is the greatest need in the sense of parcel mapping? Organized or unorganized towns?
 - (1) There would be a priority for areas with greater population density. Because we now have resources that give us FEMA's definition of what a disadvantaged community is, if there's an overlap between lack of parcel data in those areas, then those would probably be a higher priority as well. Also weighing their interest in applying for funding as well.
- vii) Does MEMA approach the relationship with town level civil divisions differently in the organized and unorganized parts of the State? For instance, do they go to the county in the unorganized where they may go directly to the town in the organized?
 - (1) No, we normally follow the same process anywhere, generally working closely with the counties.
- viii) Knox County was attempting to maintain or gather parcel mapping. Leticia, Sam, is there any update on this?
 - (1) Leticia: Still a work in progress, but we should revisit it this year.
- ix) What are you using for building footprints and is that something we need or the address points that E911 uses that serve as a proxy?
 - (1) Microsoft building footprints have been the best I've seen for the locations I've tested. Also looking at tracking development trends and there are multiple ways this can be done.
- x) Are there particular collections programs that maybe the GeoLibrary or other university groups could be thinking about to support these needs?
 - (1) One thing that has been talked about a bit is the need for pre-disaster imagery. Not necessarily just Orthoimagery, but it could be land-based imagery that is geolocated.
- xi) Do you have Jon Rice's 911 address points, updated last year? If you need more information, touch base with Jon Rice.
 - (1) Yes, I accessed that information in Fall 2022.

4. Executive Director's Report – Claire Kiedrowski

a) 2023 Board Meetings

i) 2023 Board Meetings

(1) Dates

- (a) 3rd Wednesday of January through June, September, and October.
- (b) Skip July, August, and November.
- (c) 2nd Wednesday of December.

(2) Presentations planned for March 2023

- (a) Topobathy LiDAR presentation by NOAA
- (b) Finance Report
- (c) Technical Report

(3) Other potential presentations for 2023

- (a) Land Cover Updates – NOAA C-CAP, UMaine Forest & Carbon
- (b) Strategic Plan – Timmons Group
- (c) Sewall Aerial Imagery Special Collections – Paul Smitherman

b) LiDAR

i) 2021 – MidCoast & DownEast

- (1) Estimate for public availability is Summer 2023

ii) 2022 – South Central

- (1) Estimate for public availability is Fall 2023

iii) 2023 – BAA Proposal - MidCentral

- (1) USGS Recommends funding, so initial paperwork is in progress.

iv) Vinton – Do you have actual tidal coordination parameters in the LiDAR metadata? Some of the stuff I've looked at says it was tidally coordinated but does not include the parameters.

- (1) Claire – I can get that information for you. Contract says 2 hours.

- v) Jon Giles – What are folks hoping to get from that information? Actual elevation of the tide at the time of acquisition?
 - (1) Vinton – Yes, to have a sense of what the flooding was at that time.
 - c) Orthoimagery
 - i) 2022, including 2021 roll over areas
 - (1) Behind schedule, so it will go into 2023
 - (2) Expedited providing copies to funding partners
 - (3) Estimated participant availability by mid-February 2023
 - (4) Estimated data catalog availability by June 2023
 - d) Land Cover
 - i) NOAA 1-meter statewide C-CAP classifications with estimated availability Summer 2023
 - ii) UMaine 10-meter statewide Forest Type and Carbon mapping estimated availability Fall 2023
 - e) Board Membership
 - i) Governor’s Office Appointments
 - (1) Re-appointments for Nate Kane and Maria Jacques are in progress and acknowledged by the Governor’s office.
 - (2) Statewide Association of Counties seat – Walter Anderson has been nominated by the Maine County Commissioners Associated; Governor’s office has the nomination.
 - (3) Public Utilities seat (#12) is still vacant; however, Derek Dufour of Caribou Utilities District is interested.
 - ii) Senate President
 - (1) Katie Bernhardt’s term expired 11/25/22. Claire has requested the status.
 - (2) Seat #15, representing the public, is currently vacant, but Mal Carey is interested.
 - f) GeoLibrary Board Annual report was digitally submitted to the State and Local Government and Environment and Natural Resources joint committees on December 1st. Hard copies were delivered on December 14th.
5. Strategic Plan Implementation Update – Clarence Young, Claire Kiedrowski
- a) The scope extension with Timmons, implemented and approved, currently working around the messaging aspect of investing in the GeoLibrary programs.
 - b) Project team has selected a few project examples, including investment in broadband. It’s an example of a workflow that we and the Timmons team are familiar with relative to engineering process that utilizes a lot of the data that the GeoLibrary collects at the foundational level, broad area orthoimagery.
 - c) Vinton – What other area, not broadband?
 - i) Other infrastructures, not broadband.
6. Guest & Board Comments
- a) None.
7. Next meeting agenda items
- a) Status of Budget Request to Legislature.
8. Adjourn – motion made by Maria Jacques, second by Sarah Haggerty. Adjourned at 11:30 am.