

3D Geomatics Committee

Mission Statement

The 3D Geomatics Committee (3DGeo) works to identify and promote the need for planning, funding, acquisition, and management of three-dimensional geomatic data and derived products. The committee engages multiple disciplines in Minnesota for the benefit of its resources and citizens; promoting the value, importance, and use of complex and voluminous three-dimensional information.

Objectives and Deliverables

As a committee of the Minnesota Geospatial Advisory Council (GAC), the 3D Geomatics Committee will establish workgroups focused on various disciplines that use data derived from three-dimensional information, such as LiDAR, bathymetry, and photogrammetry.

The 3DGeomatics Committee will:

- Ensure that each workgroup involves strong leadership with at least one member serving on the core steering team to enhance coordination efforts
- Create effective work plans to help accomplish the goals of the workgroup(s)
- Frequently engage membership to determine needs for specific products and associated workgroup focus
- Help the citizens and stakeholders of Minnesota identify the need for planning, funding, acquisition, and management of multi-use data products that can be derived from 3D Geomatic information
- Work with other GAC committees to carry out these work plans such as the Standards, Emergency Management, and Outreach committees

Resource Requirements and Timing

MnGeo Administrative Assistance

- Access to a collaborative platform for committee meetings, WebEx, Skype, etc.
- Access to a file sharing system for the workgroups, SharePoint, Google Drive

Minnesota Geospatial Advisory Council
3D Geomatics Committee Charter [10/4/2017]

Meeting Frequency for Committee Core Steering Team and Workgroups

- Committee Co-Chairs will meet monthly
- Core Steering Team will meet every two months
- Each workgroup will establish their own work plans and meeting frequency that will be approved by the Core Steering Team

Anticipated Participants and Their Roles and Responsibilities

Chair/Co-chair

Sean Vaughn, Co-chair
Minnesota IT Services @ DNR
763-689-7100
sean.vaughn@state.mn.us

Gerry Sjerven, Co-chair
Minnesota Power
218-355-3990
gsjerven@mnpower.com

Committee Body

The 3D Geomatics Committee membership is made up of a core steering team and multidiscipline workgroups. Membership of the committee core and the work group sectors will overlap; membership between the workgroups can also overlap when necessary. The workgroups will have their own work plans and subject matter expertise with reporting made to the committee core steering team and the GAC when necessary.

Committee Development Team

A small group of former LiDAR Research and Education Committee members united to guide the establishment of the 3D Geomatics Committee. It is anticipated that many of these members will continue to serve on the 3D Geomatics Core Steering Team.

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Table 1 - Committee Development Team Members

| Name | Workgroup/ Sector | Agency | Email |
|-------------------|---------------------------------------|----------|--|
| Gerry Sjerven | Infrastructure/ Utility (Co-Chair) | MN Power | gsjerven@mnpower.com |
| Sean Vaughn | Hydro/State (Co-Chair) | MNIT@DNR | sean.vaughn@state.mn.us |
| Dan Ross | At Large | MnGeo | dan.ross@state.mn.us |
| Clinton Little | Stakeholder/ Manager | DNR | clinton.little@state.mn.us |
| Jennifer Corcoran | Forestry/Veg | DNR | jennifer.corcoran@state.mn.us |
| Joel Nelson | Hydro/Education | U of MN | nels1945@umn.edu |
| Mark Reineke | Hydro/Private | WSN | mark.reineke@wsn.us.com |
| Chris Sanocki | Hydro/Federal | USGS | sanocki@usgs.gov |

Committee Core Steering Team

The 3D Geomatics Committee will be led by core team made of committee chair or committee co-chair(s) and leadership from the committee work groups.

Committee Work Groups

The largest body of the 3D Geomatics Committee is made up of a diverse membership with subject matter expertise shaping work group sectors. These work groups focus on unique topics, data, and tasks specific to the individual sectors with reliance on the Committee Core Team and cross-sector collaboration.

Prepared By

The 3D Geomatics Development Team. Version formatting finalized by Sean Vaughn, MNIT (co-chair) and Gerry Sjerven, MN Power (co-chair)

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Date Approved by the Geospatial Advisory Council

September 19, 2017