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Idaho Lidar News...what is a DSM?

1 message

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To: Geo-list IDAHO <geotech@admws.idaho.gov>

Hello

A digital surface model (DSM) shows the nap of the earth (NOE) and includes bare earth (ground), plus trees, structures, and other geographic features. A DSM is sometimes called a highest hit (HH) model or a top of canopy model (when used over forested areas). Regardless of what you want to call it, we are producing a DSM for the state of Idaho using all lidar data currently available (about 70% of the state).

Our DSM project here at ISU's GIS TREC is about 25% complete and you should begin seeing DSM data on our servers in the next few months along with a DSM image service.

We are also working with the Idaho Lidar Consortium (ILC) and the Elevation Technical Working Group to revise the Idaho Lidar plan which will include recommendations for recollecting lidar data in various regions around the state. How these areas will be prioritized for recollection is an important discussion. If you would like to participate, please plan to attend future E-TWG meetings held on the first Thursday of each month from 1pm-2pm MT.

Questions? Comments? Please let me know.

Sincerely,

Keith T. Weber, GISP

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