



## David Thompson National Geomatics Awards 2022

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### Why National Awards?

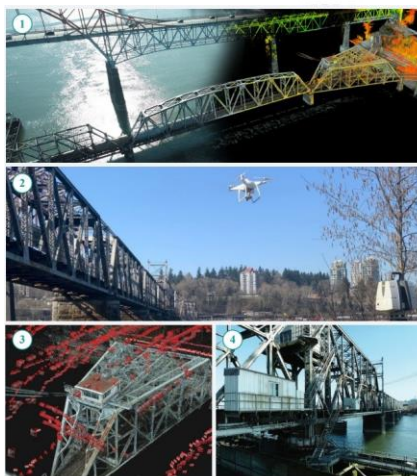
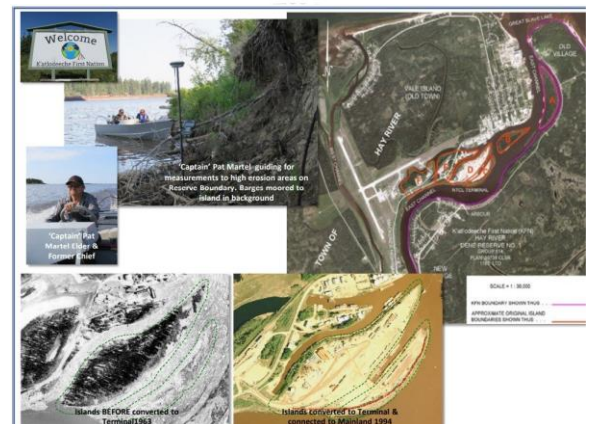
1. Promote excellence in Geomatics
2. Promote unique cadastral and non cadastral applications
3. Raise public awareness of Geomatics

**Deadline for submission:** March 1<sup>st</sup>, 2023.

### Candidates this year consisted of:

- Curtis Blackwood, Challenger Geomatics Ltd.
- Robyn Ash, Department of Natural Resources and Renewables
- Sandy Cooke, Underhill Geomatics
- Joe Iles, Challenger Geomatics Ltd.
- Trevor Burton of McElhanney Ltd.

**Challenging Cadastral Survey Project:** Joe Iles, Challenger Geomatics Ltd. Field Notes of Natural Boundary Investigation Hay River Dene Reserve No. 1, for the Kát'odeeche First Nation, Northwest Territories. The other candidate who presented a submission: Land Titles Initiative Land Claims Surveying by Robyn Ash of Department of Natural Resources and Renewables of Nova Scotia.



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##### HIGH-DEFINITION SURVEY OF A CENTURY-OLD RAIL BRIDGE

- 1 A crossfade between an overview of the bridge and the combined scan from the UAV.
- 2 A UAV next to the laser scanner during the survey of the bridge.
- 3 All photos and scans being aligned together resulting in a point cloud.
- 4 A close-up of the bridge taken from the UAV shows details of the steel structure.



**Challenging Non Cadastral Survey Project:** Trevor Burton of McElhanney Ltd. High-definition survey of a century-old rail bridge. The other candidates who presented a submission: 3D Scan of the S.S. Klondike National Historic Site – Whitehorse by Curtis Blackwood, Challenger Geomatics Ltd. and Robert Campbell Bridge Monitoring by Arthur (Sandy) Cooke of Underhill Geomatics Ltd.