

Todd P. Domney

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With 25 years' experience in the natural resources sector, Todd Domney leads the team at Thunder Bay based Sumac Geomatics. Skilled at developing and executing business initiatives that build capacity, drive growth and achieve objectives, Todd is an effective communicator and team leader with a proven ability to build long term client relationships and strategic business partnerships. Todd has most recently led the company's successful expansion of its remote sensing capabilities. Today, Sumac provides tailored remote sensing solutions to forestry, mining and civil engineering clients for a wide range of high value applications. Todd continues to push Sumac's growth and innovation agenda, expanding the use of Remotely Piloted Aerial Systems (drones) in conjunction with airborne remote sensing, photogrammetry and geographic information systems.

Key Accomplishments

- Sales Division – Over the past 12 months Todd has been leading the development of a Sales Division within Sumac. Building on the companies remote sensing knowledge base, Sumac is providing sales and support for three products: Teledyne Optech Cavity Monitoring System CMS V500 (Canada Wide), GeoCue Group True View 410 UAV LiDAR/Imagery Sensor (Ontario and Manitoba) and Photodocufy Construction Documentation Service (Ontario and Manitoba). Over the coming year, additional selected products will be added to the portfolio.
- Strategic Export Marketing Program – Sumac participated in the Strategic Export Marketing Program (SEMP) between 2014-2015. Working with Global Growth Results, Todd undertook a comprehensive review of its operations including senior management, key personnel, service lines, sales and marketing. Following the review, an action plan was developed and implemented over a 1-year period which saw Sumac transition from a forestry-based field services provider to a full stack remote sensing company, developing new business in the forestry, mining and engineering sectors.
- TECO Natural Resource Group – Between 2001 and 2011 Sumac was a major sub-contractor for the Vancouver based TECO Natural Resource Group (Formerly Timberline). TECO closed its doors in 2011, leaving number of projects incomplete. Todd successfully negotiated the purchase of Teco's Ontario assets and transfer of outstanding enhanced Forest Resource Inventory (eFRI) projects with the Ministry of Natural Resources and Forestry. Through this process Sumac re-employed former TECO workers and successfully completed the outstanding eFRI projects. From this base, Sumac has grown to become one of the largest forest inventory service providers in Canada.

Work Experience

1998 – Present

CO-FOUNDER, TREASURER and MANAGING PARTNER
Sumac Geomatics Incorporated

Incorporated in 1998 Thunder Bay based Sumac Geomatics provides remote sensing and field services to the Forestry, Mining and Engineering Sectors. Since its inception Todd has served as the managing partner responsible for managing the day to day operations of the firm. In this capacity Todd is responsible for corporate affairs, human resources, marketing and sales, business development and project management as required. Skills include:

- Team Building and Leadership: Created a corporate culture of open communication, continuing education, innovation, and employee ownership of project creation, implementation and outcomes.
- Business Strategy and Growth: Developed and implemented strategies that produced measurable growth.
- Innovation: Pushed employees and management to continually seek innovative approaches to the work being undertaken. Early adopter of Remotely Piloted Aerial Systems (drones) leading the company to become widely known for expertise in their use and application.

Recent projects include:

- Engineering Projects
 - Arcadis Engineering – Topographic survey and wastewater catchment pond bathymetry;
 - City of Thunder – Topographic/water level survey Boulevard Lake Dam and Current River;
 - DST Engineering – Topographic survey first nations community soil remediation;
 - Hatch Engineering – As Built Survey, interior and exterior LiDAR scans;
 - JML Engineering – Roof top thermal survey; and
 - Regional Power – Topographic/water level survey for multiple dam sites.
- Forestry Projects
 - AV Terrace Bay, Terrace Bay Mill – Monthly chip pile volumetric and quarterly landfill surveys;
 - Dryden Forest Management Company - Forest operations planning;
 - Domtar Inc. – Forest operations planning;
 - Northern Bioscience/Lakehead Region Conservation Authority– Wetland mapping;
 - NRCAN – National Forest Inventory Photo Plots;
 - Obishikokaang Resources/Domtar - Forest operations planning;
 - Rainy Lake Tribal Resources – Forest Resources Inventory;
 - Resolute Forest Products – Forest operations planning; Monthly chip pile volumetric survey;

- RYAM Kapuskasing – Regeneration Condition Survey; and
- RYAM Timmins – LiDAR derived Forest Resourced Inventory Ground Calibration Plots.
- Mining Projects (including aggregates)
 - Alamos Gold – Bed Rock Outcrop mapping, Topographic survey of claim blocks (airborne LiDAR);
 - CSL Engineering – GIS support and mapping for mine tailings expansion;
 - Lake Helen Aggregates – Stockpile surveys;
 - LTL Contracting – Stockpile surveys;
 - Miller Group – Annual 3rd party stockpile surveys;
 - Newmont Gold Corp, Musselwhite Mine – Annual tailings surveys; Topographic survey of claim blocks (airborne LiDAR);
 - Newmont Gold Corp, Red Lake Mine – Annual tailings survey;
 - Nuclear Waste Management Organization – Bedrock outcrop imagery;
 - Pinnacle Civil Contractors, Rainy River Mine – Monthly overburden stockpile survey;
 - Rubicon Minerals, Phoenix Mine – Tailings survey and bulk sample volumetrics; and
 - Wesdome – Topographic Survey of claim blocks (airborne LiDAR).

1996-1997

SELF-EMPLOYED

Self-employed and as a forerunner to Sumac, directly undertook a variety of small forest inventory projects and forest growth and yield projects for industrial and government clients. Projects include:

- Permanent Sample Plot Location and Measurement, Ontario Ministry of Natural Resources
- Forest Litter Sampling, Center for Northern Forest Ecosystem Research
- Forest Resources Inventory Quality Control, Buchanan Forest Products
- Commercial Thinning Trial, Bowater Forest Products
- Forest Resources Inventory Quality Control and Ground Truthing, Bowater Forest Products
- Forest Resources Inventory Quality Control, Weyerhaeuser Canada
- Old Growth Black Spruce Study, Ontario Ministry of Natural Resources
- Nipigon District White Birch Study, Biinjitiwaabik Zaaging Anishinaabek First Nation

1993-1995

RESOURCE TECHNICIAN

Ontario Ministry of Natural Resources, Northwest Science and Information

Employed over 3 field seasons on reoccurring contract was responsible for the location and measurement of Growth and Yield Permanent Sample Plots. In final year was promoted to a Research Technician 3, and responsible for supervising contractors hired by the ministry to measure the sample plots.

- Staff and contractor supervision and reporting;
- Quality assurance audits and debriefing/training;
- Sample Plot Location, Positioning (GPS), Photography
- Description and Classification of Soils

- Forest Mensuration (tree diameter, height, age, form, condition);

Other Experience

2017-Present	PROGRAM ADVISORY COMMITTEE Confederation College of Applied Arts and Technology Environmental Technician and Forest Ecosystem Management Technician
2003-2015	COACH/ADMINISTRATOR Lakehead Exiles/Lakehead University Rugby Football Club

Education

1989-1993	Lakehead University, Thunder Bay Ontario, Department of Geography
1987-1988	Massey University, Palmerston North New Zealand, Department of Geography/ Natural Sciences.