

Forest Productivity Specialist - Growth and Yield

If you are a dynamic leader and resource professional, come join the Ministry of Northern Development, Mines, Natural Resources and Forestry team, where you will lead the acquisition, and development/transfer of biological, ecological and forest science data knowledge and information required for the description and forecasting of forest growth, yield and stand dynamics in the Great Lakes-St. Lawrence (GLSL) and Deciduous forest ecosystems in the southern region.

The Ontario Public Service (OPS) is committed to being an employer of first choice, creating a positive and inclusive work environment.

We offer:

- a defined benefit pension plan
- maternity and parental leave top-up benefits, which include adoptive parents
- comprehensive health plan
- life and disability insurance
- flexible work arrangements
- collegial and professional work culture
- career growth and development opportunities across multiple business areas
- on-the-job training to support your success in the role

What can I expect to do in this role?

In this role, you will:

- develop, evaluate and validate GLSL/Deciduous forest growth and yield (G&Y) information management products and tools
- provide program expertise and advice in the development and calibration of GLSL/Deciduous forest growth and yield and stand dynamics
- provide evaluation of forest sustainability in the southern region
- conduct resource analysis and modelling
- provide leadership and advice in developing GLSL/Deciduous forest science strategies, programs and practices in support of natural resources policy, management, and planning/operational program needs for southern Ontario

Location: Peterborough

How do I qualify?

Mandatory

- You must have a valid class 'G' driver's licence or equivalent, as recognized by the Province of Ontario. The offer of employment is conditional upon the successful candidate providing proof that they have a valid driver's licence upon being hired.
- You must possess a Registered Professional Forester (RPF) designation from the Ontario Professional Foresters Association or have the ability to transfer designation from out-of-province and be able to practise professional forestry without professional supervision.

Technical knowledge and skills:

- You have advanced knowledge of GLSL and Deciduous forest region biology, ecology, soils, mensuration, forest growth and yield modelling and quantitative silviculture.
- You have advanced knowledge of selection and shelterwood silvicultural systems and G&Y decision support tools applicable to these for silvicultural decision-making and wood supply analysis.
- You have sound knowledge of theories, principles, and practices of ecosystem and forest resource management.
- You have knowledge of scientific methods such as experimental design, plot establishment, measurement and maintenance of forest growth and yield plots, and statistical analysis.

Communication and interpersonal skills:

- You have well developed communication skills to lead, and provide input to, strategic and operational plans, scientific publications and reports, and prepare project proposals and status reports.
- You have demonstrated communication and interpersonal skills to participate in workshops, communicate with internal and external stakeholders, and present project and program proposals to

clients, partners and ministry staff.

- You can facilitate cooperation between researchers, clients and partners with varying views and interests.
- You demonstrate a proven ability to work within and across teams.

Analytical and problem-solving skills:

- You have analytical and problem-solving skills to determine, clarify and evaluate options and identify approaches to address forest management problems.
- You can interpret and synthesize information from scientific studies into solutions by developing guidelines and recommendations.
- You can analyze and assess the effectiveness of research and technology development and establish criteria for measuring the success and future applicability of project results.

Planning and organizational skills:

- You have demonstrated planning skills to implement and manage complex field monitoring, assessment and model validation programs in a changing, flexible environment.
- You have organizational skills to determine client needs by leading client working groups and workshops to help direct provincial program direction.

Computer skills:

- You have demonstrated computer querying skills with database management systems, as well as proficiency with spreadsheets, GIS, graphics packages, statistical software, word-processing, email and internet.

OPS Commitment to diversity, inclusion, accessibility, and anti-racism:

We are committed to build a workforce that reflects the communities we serve and to promote a diverse, anti-racist, inclusive, accessible, merit-based, respectful and equitable workplace.

We invite all interested individuals to apply and encourage applications from people with disabilities, Indigenous, Black, and racialized individuals, as well as people from a diversity of ethnic and cultural origins, sexual orientations, gender identities and expressions.

Visit the [OPS Anti-Racism Policy](https://www.ontario.ca/page/ontario-public-service-anti-racism-policy) < <https://www.ontario.ca/page/ontario-public-service-anti-racism-policy> > and the [OPS Diversity and Inclusion Blueprint](https://www.ontario.ca/page/ops-inclusion-diversity-blueprint) < <https://www.ontario.ca/page/ops-inclusion-diversity-blueprint> > pages to learn more about the OPS commitment to advance racial equity, accessibility, diversity, and inclusion in the public service.

We offer employment accommodation across the recruitment process and all aspects of employment consistent with the requirements of Ontario's [Human Rights Code](http://www.ohrc.on.ca/en/ontario-human-rights-code) < <http://www.ohrc.on.ca/en/ontario-human-rights-code> >. Refer to the application instructions below if you require a disability-related accommodation.

Salary Range: \$1,391.77 - \$1,755.55 Per Week

Additional Information:

- 1 Permanent, 300 Water St, Peterborough, East Region

Please apply online, only, at www.ontario.ca/careers, quoting **Job ID 181354**, by **Tuesday, May 24, 2022**. Please follow the instructions to submit your application. Faxes are not being accepted at this time.

If you require accommodation in order to participate in the recruitment process, please contact us at www.gojobs.gov.on.ca/ContactUs.aspx to provide your contact information. Recruitment Services staff will contact you within 48 hours. Only those applicants selected for an interview will be contacted.

The Ontario Public Service is an inclusive employer. Accommodation will be provided in accordance with Ontario's *Human Rights Code*.

www.ontario.ca/careers