



Forestry and Agroforestry Services

The Saskatchewan Research Council (SRC) offers forestry research and development services to bridge the gap between academic science and our clients' needs. SRC forestry experts' knowledge and expertise helps solve Canadian and global forest management problems and questions. SRC specializes in providing applied research, analysis and tool development to help clients in industry and government implement sustainable forest management.

Providing applied research and current practices in agroforestry, SRC helps clients effectively approach healthy sustainable land use systems. SRC uses a variety of tools to provide advanced services and systems, such as:

- GPS/GIS software for mapping
- Soil samplers
- Certified Herbicide Applicators
- Land preparation and planting guidelines
- CanVis software to determine the visual long-term benefits.



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SRC offers technical and substantive activities towards the roles of boreal forests in:

- Impacts, mitigation and adaptation to climate change
- Ecosystem modelling using a variety of modelling procedures
- Sustainable forestry management
- Forest ecology
- Agroforestry systems
- Carbon budget management

Forestry managers and industries benefit from working with SRC because we specialize in developing new tools, conducting research and developing new methodologies that can sustainably and efficiently solve forestry challenges.

Forestry Services:

- Modelling forest ecosystems under current and future conditions
- Developing vulnerability and adaptation tools for addressing climate change impacts on forests
- Sustainable forestry management
- Monitoring and verification procedures for forest carbon management
- Forest ecology
- GIS and remote sensing analysis/mapping
- Spatial data management
- Facilitating sustainable resource development
- Using agroforestry species for bioenergy feedstocks

Agroforestry Services:

- Assessing land properties to determine which sustainable land use system is best suited for a particular area
- Mapping out land areas using GPS/GIS technologies
- Designing land use systems using CanVis technology (visual appeal of plan)
- Providing clients with current agroforestry trends and information on preparing land, ordering and planting stock, designing a vegetation management system and proper site maintenance
- Monitoring site conditions and assessing impacts from climate change
- Applying agroforestry research



SRC conducts applied research, development, design, testing, piloting, scale-up, demonstration, and technology commercialization relevant to our strategic economic sectors and we use the knowledge gained to help clients solve technology problems, make improvements, seize opportunities, maintain competitiveness, increase productivity and develop new markets.



Our clients benefit from our multi-disciplinary teams that work together to provide solutions to unique challenges in a variety of industries.