

# **Salt Affected Soils: Quantifying Impacts To Develop Scientifically Based Remediation Criteria For Alberta**

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Specific research objectives were:

- To assess site salinity and sodicity based on EC, SAR, pH, individual salt and ion concentrations, and determine the relationships among these measures.
- To assess the impacts of salinity and sodicity on plant communities and some species.
- To determine specific salinity and sodicity measures that most influence remediation and reclamation success.
- To determine preliminary ranges of values for salinity and sodicity measures that may be acceptable as part of a scientifically based criteria for salt affected sites.

Estimated completion date: April 2020