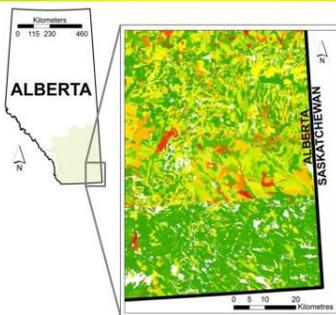


# Grassland Vegetation Inventory



# A User's Guide

When: March 10, 2016

Where: Calgary, AB

## GVI Course Overview

GVI is a biophysical and land use classification system specifically designed by the Government of Alberta (GoA) for the grassland region. Biophysical land use classes are based on ecological range sites, derived from soil and landform information. GVI provides an extensive array of natural upland, riparian and wetland classes. Coupled with anthropogenic (modified) land use classes, GVI is a robust system that captures the variety of biophysical land uses in the grasslands.

The GoA has been undertaking the production of a publicly available spatial GVI database for southern Alberta. When used at different scales, GVI provides two tools for management: the classification system and the spatial inventory. Both can be used to assess the diversity and sensitivity of land uses in the grasslands, from desktop to field applications, such as:

- \*Determining grassland plant communities
- \*Assessing range health
- \*Conducting environmental assessments
- \*Assessing accuracy of other spatial inventories
- \*Assessing regional and local scale impacts
- \*Modelling sensitive wildlife species habitat
- \*Creating reclamation & restoration plans

## Learning Objectives

- Basic understanding of biophysical components of grasslands
- Hands on understanding of aerial photography interpretation in the grasslands
- Basic understanding of GVI mapping
- Hands on understanding of GVI classification
- Overview and hands on experience identifying land uses and pressures in grasslands
- Basic understanding of sensitive ecological range sites
- Basic understanding of the quality and biases in spatial data
- Overview of risk management

## Competencies

Concepts are presented within an open learning environment, and put into practice during individual (or team) learning exercises.

No pre-requisite requirements.  
This is not a certification course.

Through hands on exercises, this course provides participants with both a contextual and practical understanding of GVI using various real world management scenarios



**SALMTEC**

## GVI Course Costs:

- \*Includes refreshments & lunch; printed materials; and workbooks
- \*stereoscopes will be provided for use

Early Bird Rate (before Feb. 15, 2016)

**\$200**

Regular Rate:

**\$250**

Does not include GST. Administration fee applied for cancellations.

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