

ALCES for Managers

Date: November 29, 2001

Location: Inn on 7th, Edmonton

Registration Fee: \$400 + \$28 GST

Early-bird Registration Fee: \$300 + \$21 GST (if received before November 15)

This full-day course offers natural resource managers an opportunity to become familiar with ALCES, A Landscape Cumulative Effects Simulator. ALCES® is a fast user-friendly internet-delivered landscape simulator that enables resource managers, society, and the scientific community to explore and quantify dynamic landscapes subjected to single or multiple human land use practices and various natural disturbance regimes (such as fire). ALCES assists resource managers in identifying strategic-level environmental and industrial problems associated with landscape sustainability and in discovering mitigation strategies for issues related to flows of natural resources. ALCES can be run for relatively small landscapes (for example, a quarter-section) or for large regional landscapes of millions of hectares. Additional information is available at http://www.foremtech.com/products/pr_alces.htm

After completing this course, participants will:

1. Understand how using ALCES to forecast ecological condition and land use activity supports provincial commitments to integrated landscape management.
2. Be exposed to model design and operation through demonstration, a sample scenario analysis, and case studies.
3. Understand the logistical and financial requirements for using ALCES, including:
 - resource inventory data inputs, particularly vegetation cover and historical land use
 - development of potential land use scenarios to forecast into the future
 - selection of landscape and resource values relevant to stakeholders
 - evaluation of simulation results
4. Understand the benefits and limitations of ALCES as a tool for integrated landscape management, and appreciate that the model involves more than pressing the "Start" key and waiting for the right answer.

Who should attend?

This course is intended for senior managers in government, industry, and non-government organizations with Integrated Landscape Management responsibility. Persons requiring the advanced technical understanding needed to use the software are encouraged to participate in a five-day course, ALCES for Users.

Instructors

Daniel Farr and Brad Stelfox

Registration

Complete the registration form available at <http://www.foremtech.com/education>. Please register early, as participation is limited.

For more information

Background information, course objectives, agenda, and recommended reading are available at <http://www.foremtech.com/education>, or contact Harry Archibald, Integrated Resource Management Division, Alberta Environment, phone 780-422-4578, email Harry.Archibald@gov.ab.ca.

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