Adaptive Forest Management/History Program

Bob Udell
Foothills Research Institute
Annual General Meeting
Edmonton, Alberta
October 15, 2008
Core Study area
2.75 Million Ha

World Heritage National Park

Provincial Parks

Crown Management Units

Historic Industrial Forest

Adaptive Forest Management/ History
Program 1996-2008

• Four Reports on MF Website
• Three Books Published
• Special Projects
  – Bridgland Study
  – Historic Trails Map
  – Culturing Wilderness
• One New Book in Process
• And More to come…….
Books

A Fifty-Year Journey Towards Sustainable Forest Management

Learning from the Forest

2003

A HARD ROAD TO TRAVEL

LAND, FORESTS AND PEOPLE IN THE UPPER ATHABASCA REGION TO 1955

2007

The Resilient Forest: Looking beyond the stumps

2007

Adaptive Forest Management/ History
Reports to Date

• Adaptive Forest Management in Protected Areas
  – Michael den Otter, 2000

• Evolution of Forest Management Agreements
  – Peter Murphy, Marty Luckert, 2001

• The Hinton Forest: A Case Study
  – Murphy, Udell, Stevenson, 2002

• 50 Years of Harvest and Reforestation
  – Udell, 2006
Adaptive Forest Management in the Protected Areas of Foothills Model Forest

by Michael den Otter, 2000

Evolution of management in response to society’s priorities

Map series tracks landbase changes in Jasper National Park, Willmore Wilderness Park
Evolution of Forest Management Agreements on the Hinton Forest

by Peter J. Murphy and Marty Luckert, 2001

An examination of the evolution of Alberta forest policy as reflected in successive FMA revisions 1951-2000

First FMA, 1951  Current FMA, 1988
The Hinton Forest: A Case Study 1951-2000

by Peter J. Murphy, Bob Udell, Bob Stevenson, 2002

Legacy created by two Alberta forestry pioneers –

Reg Loomis
Des Crossley

Crossley and Loomis Forests 1997

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Learning from the Forest

by Bob Bott, Peter Murphy, Bob Udell, 2003

The History of Forest Management at West Fraser’s Hinton operation

“This is an important account ..a first in Canada…”

Ken Armson, former Chief Forester of Ontario
50 Years of Harvest and Reforestation
by Bob Udell, 2006

Photo essay examines evolution of forest policy and practice on the Hinton FMA.

Captures images from historic events in the Company’s past, and how the landscape has evolved over time.

DND Experiment 1966
View in 2006
A Hard Road to Travel

by Peter J. Murphy, Bob Udell
Bob Stevenson, Tom Peterson
2007

History of a region at the heart of Alberta and Canadian history

Joint publication with The Forest History Society, Durham N.C.

“..wonderful book…thoroughly researched.. brilliantly presented…”
Edmonton Journal, Aug. 19, 2007
The Resilient Forest

Bob Stevenson, Steve Ferdinand and Bob Udell, 2007

A 35-year Retrospective on a 1970s Environmental Campaign

Controversial ENGO Campaign in 1972 targeted destructive harvesting and reforestation practices at NWP&P

35 years later, authors examine the premises of the campaign and the outcome of the apocalyptic forecasts therein.
Other Projects

The Bridgland Project 1999, 2000

M.P. Bridgland - 1915

Jeannine Rhemtulla 1999

http://bridgland.sunsite.ualberta.ca

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Mapping Project: 1999
I.S. MaClaren’s collection of studies on two centuries of human history in upper Athabasca watershed

Chapter on evolution of boundaries of Jasper and Athabasca forest by Peter Murphy based on his work with AFM History Program.

GIS group assistance with maps.
2008/09 Projects

• Mountain Trails
• DVD – The Roots of the Present are Buried in the Past
• The Last Patrol – Harry Edgecombe
• Historical Database
Mountain Trails, 2008

Memoirs of a Forest Ranger at Entrance, Alberta 1920-1945

On the ground view of early Forest Service history

Funding Partners
• Alberta SRD
• Forest History Ass’n of Alberta

Adaptive Forest Management/History
Ecotour – 2008, 2009

Author – Fred Pollett

Originated with CFS 1970s
Builds on “Hard Road” legacy
Driving Tour

Funding Partners
• Alberta Sustainable Resource Development
• Community Initiatives Program

Adaptive Forest Management/ History
DVD – The Roots of the Present are Buried in the Past

2004 CIF/SAF Convention Plenary

Evolution of forestry, diverging tracks between Canada and USA.

Funding Partner:
• Forest History Ass’n of Alberta

“… the best plenary I’ve seen in decades of attending these conventions…” Norm Brocard, former Woods Mgr. Simpson Timber

Panel L-R. Charles Kaye, Char Miller, Tom Maccagno, Cliff White, Bob Udell, Peter Murphy
The Last Patrol

Harry Edgecombe’s Last Patrol

After retirement from HTC, Edgecombe returned to his AFS roots on patrol in Willmore, 1982

Report bridges Jack Glen account with the Willmore of 2008

Funding Partner
• Forest History Ass’n of Alberta

Harry Edgecombe, 1947

Harry Edgecombe, 1982
Historical Database

Adapting Traditional Cultural Study Database Template

Allows capture and storage of historical information and interviews for preservation of Alberta forest history
Future Projects

- GPS tour – FRI Landbase
- Logging History – the Whirlpool River
- A History of Silviculture at Hinton 1955-2005
- Retracing the 1863 Journey of Milton & Cheadle
- Harry Edgecombe Project
Conclusion………
The Adaptive Forest Management/History Program 1996-2008+

“By Understanding our Past We Shape Our Future”