

# IFPA update...

## News from the Morice & Lakes Innovative Forest Practices Agreement

In November 1999, BC's Minister of Forests signed an **Innovative Forest Practices Agreement (IFPA)** for two timber supply areas (TSAs) in northern British Columbia: the **Morice TSA** and the **Lakes TSA**. This issue of "Update" is meant to outline the use of Scenario Planning in the **Morice & Lakes IFPA** and report on the status of the **Morice Scenario Planning Team** and the **Lakes Scenario Planning Team**. 🌿



ABOVE: Members of the Lakes Scenario Planning Team discuss potential future forests and resource values.

### WHAT IS SCENARIO PLANNING?

Scenario Planning is a facilitated process that lets people design future forest conditions and assess how well those "potential forests" will achieve a wide range of resource management objectives. This process engages the participants to actively contribute their ideas and knowledge. If someone wants to see a certain resource value managed in a certain way, that person is required to provide specific details as to how that resource should be managed.

The technical support and computer modeling tools being used in this process help to clearly show how many resources can be managed for at the same time. In order to prepare and present these future forest scenarios for discussion by each of the two *Scenario Planning Teams* (one for each District have been established in the Morice & Lakes IFPA), a number of steps are required:

#### Step 1 - Designing Learning Scenarios

Each team member establishes management objectives for the resource values they are interested in. The team member also decides what actions could be used to achieve these objectives on the ground. Each member also determines what measures (indicators) would be useful to help forecast what the future forest will look like and monitor to see if their objectives are being achieved. During this step all the resource information needed to support the scenario planning work is collected.

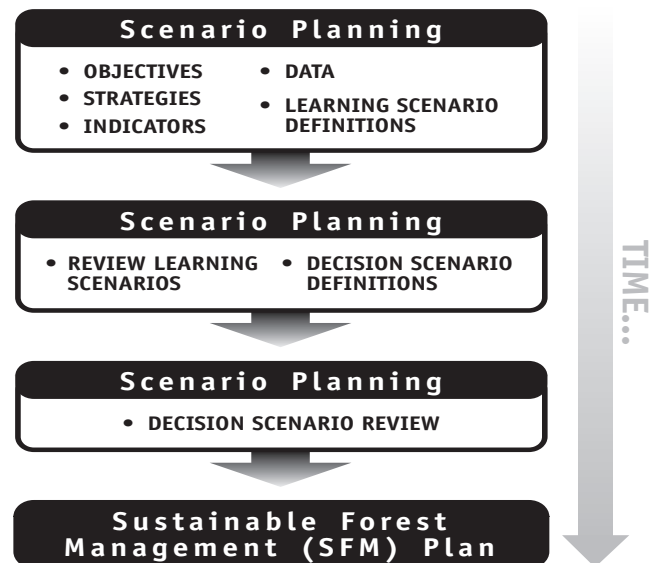
The Scenario Planning Team will review and sign-off on the quality and completeness of inventories and data prior to developing the learning scenario themes. Grouping complementary management strategies into similar themes develops learning scenarios.

#### Step 2 - Learning Scenario Forecasting & Reporting

Learning scenarios are forecast and reviewed by the Scenario Planning Teams. A series of map products and reports are prepared. Indicator

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BELOW: The basic process steps of Scenario Planning. The current stage of work underway by the Scenario Planning Teams of the IFPA is the topmost box. The end result of this process will be the production and implementation of an SFM Plan for the entire IFPA area.



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performance is used to assess which management strategies work and which ones don't work. At this point, strategies are adjusted or replaced. Indicators may be replaced as well. Decision scenarios will be developed based on the experience gained from the learning scenario reviews.

**Step 3 - Decision Scenario Forecasting & Reporting**

Decision scenarios are forecast and reviewed by the Scenario Planning Teams. A series of map products and reports are prepared. Team members will discuss the results of the decision scenarios and discuss Sustainable Forest Management (SFM) Plan implementation and monitoring strategies. Team members will provide feedback to the *Technical Committee* regarding the SFM Plan document.

This process is occurring at the same time in both the Morice and Lakes Districts. Ultimately, results of both Scenario Planning Teams' efforts will result in the production of a Sustainable Forest Management Plan for the entire IFPA area.

For further information regarding Scenario Planning Team discussions and the information being collected please contact *Jim Burbee*, the IFPA Manager, at the address listed below. 🌲

**WHAT ARE THE NEXT STEPS?**

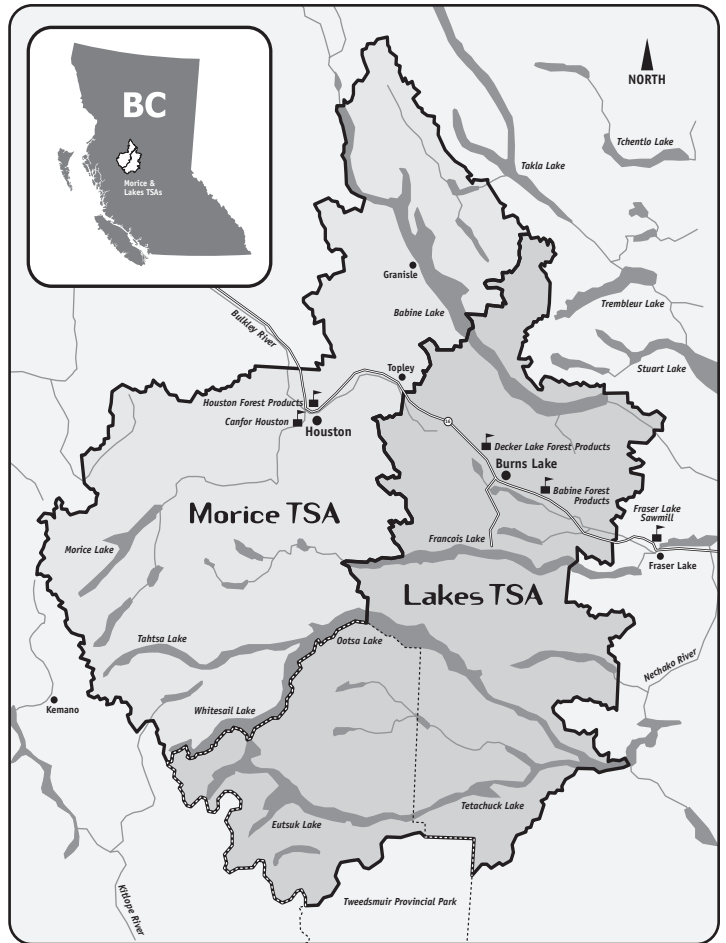
A few more meetings are required in the Morice District to complete the descriptions of the resource emphasis learning scenarios. Once this task is complete, the Scenario Planning Teams in both districts will take a break as the Morice & Lakes IFPA Technical Committee and consultants finish preparing the map-based information and data sets that will be used to model and forecast the Learning Scenarios.

During the spring and early summer, a series of Data Review Meetings will be organized in each district. The Scenario Planning Teams will review all the data and management assumptions that will be used in the learning scenarios. Behind the scenes, the Technical Committee will begin developing indicators monitoring procedures. Learning scenario forecasting and review is scheduled to begin during the summer of 2001. 🌲



**ABOVE:** A typical agricultural landscape in the Morice & Lakes IFPA area. Agriculture is a resource that is being carefully considered by the Scenario Planning Teams established under the IFPA.

**BELOW:** Map indicating the location and scale of the Morice and Lakes Timber Supply Areas.



The organizations and companies noted below provide guidance and support to the Morice & Lakes IFPA.

Babine Forest Products  
 BC Ministry of Forests  
 BC Ministry of Environment, Lands & Parks  
 Canfor Corporation  
 Decker Lake Forest Products  
 District of Houston  
 Forest Renewal BC

Houston Forest Products  
 L&M Lumber Ltd.  
 McGregor Model Forest Association  
 Natural Resources Canada - Canadian Forest Service  
 West Fraser Mills  
 Village of Burns Lake  
 Village of Granisle



For further information on the Morice & Lakes IFPA, contact:

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# Scenario Planning Team

## Morice

### STATUS & UPDATE...

Since **October 2000**, the **Morice Scenario Planning Team (SPT)** has been meeting every second week. The initial phase of identifying

*resource values, objectives, strategies and indicators* has been completed. The Team has identified well over 160 resource values. Some of these values don't have specific objectives but their associated indicators will be forecast and reported. 🌲

### MORICE RESOURCE VALUES...

#### Resource: AGRICULTURE

- Agriculture and Range Expansion Opportunity
- Agriculture Lease Land
- Aspen Management
- Existing Agriculture and Range Tenure Enhancement
- Existing Cattle Trail Networks
- Grazing Lease Land
- Non-chemical Use (Noxious Weeds)
- Range Infrastructure
- Water Availability in the Parrott Mountain & Clemratta Range Units
- Wolf & Cattle Conflicts

#### Resource: BIODIVERSITY

- Access Management
- Aspen Component
- Biodiversity Emphasis Options
- Coarse Woody Debris
- Early Seral Stand Structure and Species Diversity (Natural)
- Forest Ecosystem Network Linkages
- Forest Ecosystem Network Core Areas
- Forest Ecosystem Network Corridors
- Interior Forest
- Morice River Local Resource Use Plan (LRUP) Core Wildlife Corridors
- Nadina LRUP Core Wildlife Corridors
- Natural Tree Species Distributions
- Old Growth Management Areas (OGMAs)
- Partial Harvest
- Patch Size Targets
- Proposed Protected Areas
- Rare Ecosystems
- Seral Stage Targets
- Wildlife Trees & Wildlife Tree Patches

#### Resource: MINERALS

- Fly-in Only Mineral Exploration
- Mineral Exploration

#### Resource: RECREATION

- Access Management (Existing Roads)
- Access Management (Existing Snowmobile Trail Networks)
- Access Management (New Roads)
- Access Management (New Snowmobile Trail Networks)
- Backcountry Lake Recruitment

#### Resource: RECREATION (con'd)

- Classified Angling Waters
- Commercial Fishing Lakes With Cabins
- Commercial Fishing Lakes With Lodges
- Commercial Recreation - Angling
- Commercial Recreation - Aquatic Eco-tourism
- Commercial Recreation - Heli-Skiing / Heli-Hiking Guides
- Commercial Recreation - Hunting
- Commercial Recreation - Terrestrial Eco-tourism
- Existing Common Trail Networks
- Existing High Value Trails
- Existing Well-used Trails
- Fly-in Fishing Lakes (Existing)
- Fly-in Fishing Lakes (New)
- Gordeau Lake
- Morice LRUP Recreation Sites
- Newcombe Lake
- Non-commercial Recreation - Cross-country Skiing
- Non-commercial Recreation - Fishing
- Non-commercial Recreation - Hunting
- Non-commercial Recreation - Motorized Camping
- Non-commercial Recreation - Snowmobiling
- Non-commercial Recreation - Touring / Skiing
- Provincial Parks
- Recreation Areas
- Recreation Features
- Tagetochlain (Poplar) Lakes

#### Resource: TIMBER

- Access Management
- Analysis Units
- Apportionment of Allowable Annual Cut (AAC) to Logging Contractors
- Appraisal System
- Areas Considered Inoperable
- Backlog Brushing
- Backlog Not Satisfactorily Restocked (NSR)
- Bark Beetles
- Beetle Management
- Deciduous AAC
- Dry Wood Utilization
- Employment

#### Resource: TIMBER (con'd)

- Environmentally Sensitive Areas
- Genetically Improved Stock
- Green-up
- Harvest Flow Policy
- Harvested Areas in Non-contributing Types
- Herbicides and Pesticides
- Immature Plantation History
- Incremental Spacing
- Land Classified as Non-forest
- Land Not Administered by the Forest Service for Timber
- Late Rotation Fertilization
- Log Sort Yard
- Logging Contract Stability
- Managed Stand Operational Adjustment Factors
- Managed Stand Yield Tables (MSYT)
- Minimum Harvest Age
- Natural Stand Yield Tables (NSYT)
- Non-commercial Cover
- Non-Merchantable Forest Types
- Not Satisfactorily Restocked Areas
- Pruning
- Regeneration Assumptions
- Regeneration Delay
- Repeat Fertilization
- Repression Spacing (Maintain Base Case)
- Revenue to the Crown
- Roads, Trails and Landings
- Silvicultural System
- Site Preparation
- Site Productivity
- Sites with Low Timber Growing Potential
- Spruce Budworm
- Spruce Leader Weevil
- Stability of Available Timber Supply
- Summer/Winter Logging Schedule
- Understorey Spruce Management
- Unsalvaged losses
- Utilization
- Vegetation Management (Maintain Base Case)
- Volume Exclusions for Mixed-species Stands
- Wastewood Utilization
- Windthrow

#### Resource: VISUAL

- Babine Lake
- Currently Unclassified Visual Sensitivity Class Areas

#### Resource: VISUAL (con'd)

- Morice Lake
- Morice River Partial Retention Visual Sensitivity Class
- Owen Lake
- Parrott Lakes
- Visual Sensitivity Class 3
- Visual Sensitivity Classes 1&2
- Visual Sensitivity Classes 4&5

#### Resource: WATERSHED

- Bull Trout
- Fish - Morice LRUP Integrated Resource Management Area (IRMA)
- Glacier Creek
- IRMA Zone Morice River LRUP
- Lakes > 1000 hectares in size
- Morice District Hydrology
- Owen Creek Corridor
- Riparian Management Areas - Lakes
- Riparian Management Areas - Rivers and Streams
- Riparian Management Areas - Wetlands
- Trophy Rainbow and Lake Trout Lakes
- Water Quality and Fish Habitat Related to Agriculture Use
- Zone A Morice River LRUP

#### Resource: WILDLIFE

- Bald Eagles
- Beaver, Otter, Muskrat
- Black Bear
- Core Wildlife Corridors
- Deer Winter Range
- Fisher
- Golden Eagles
- Goshawk
- Grizzly Bear Habitat Zones
- Grouse
- Lynx
- Marten
- Moose Summer Range
- Moose Winter Range
- Mountain Goat
- Osprey
- Spruce Grouse
- Sydney Williams Caribou Herd
- Telkwa Caribou Herd
- Tweedsmuir Caribou Herd
- Waterfowl
- Wildlife Corridors
- Wolf
- Wolverine

- Mike Buirs . . . . . BC Ministry of Forests
- Glenda Ferris . . . . . Northern Ecology Action Committee
- Shirley Hamblin . . . . . Rancher
- Lorne Himech . . . . . Logging Contractor
- Jim McCormack . . . . . Canadian Forest Products
- Caroll Morey . . . . . Ooqpik Wilderness Lodge

### MORICE SPT MEMBERS

- Rob Payne . . . . . International Woodworkers Association
- Paul Ross . . . . . Houston Forest Products
- Ingrid Russell . . . . . BC Ministry of Forests
- Sharon Smith . . . . . District of Houston

- Melissa Todd . . . . . Houston Forest Products
- Laurence Turney . . . . . BC Ministry of Environment, Lands and Parks
- Carl Vandermark . . . . . Canadian Forest Products
- Steve Voros . . . . . The McGregor Group
- Dwight Scott Wolfe . . . . . The McGregor Group

# Lakes Scenario Planning Team

## STATUS & UPDATE...

Scenario planning sessions have been held in the Lakes District since April 2000. The Lakes Scenario Planning Team (SPT) has identified

100 resource values. A total of seven resource emphasis learning scenarios have been defined based on the objectives associated with these values. Some of these values don't have specific objectives but their associated indicators will be forecast and reported.

## LAKES SCENARIO THEME DESCRIPTIONS...

### 1. Base Case:

This scenario follows the BC Ministry of Forest's Timber Supply Review (TSR) harvest flow policies and management assumptions. The requirements of the Lakes District Land and Resource Management Plan (LRMP), including Protected Areas, are also built into this scenario.

### 2. Forest Productivity:

This scenario emphasizes timber values over other resource values. Timber production is maximized based on harvest flow policies consistent with TSR through intensive silviculture treatments and more accurate site productivity estimates. Many areas currently excluded from the Timber Harvesting Land Base under the Base Case scenario are rolled back into timber production, however Protected Areas remain reserved from harvest since the costs and benefits of protection have already been fully realized.

### 3. Wildlife:

Wildlife values are paramount over other resource values in this scenario. Species-specific management objectives will be used rather than landscape-level objectives. Protected Areas remain reserved from harvest.

### 4. Ecosystem-based Management:

In this scenario, timber harvesting practices are guided by localized ecosystem-based targets for patch (forest opening) size and seral (ecological community) stage. This scenario attempts to mimic the spatial and temporal landscape patterns associated with natural

processes such as fire, insects, disease and windthrow. This scenario will test the theory that all people-oriented and nature-oriented resource objectives are achievable through ecosystem-based management. Protected Areas remain reserved from harvest. Natural succession of forest stands will be modeled in this scenario.

### 5. Biodiversity:

Landscape and stand level biodiversity values are paramount over other resource values in this scenario. Patch size and seral stage targets will be based on full implementation of biodiversity objectives described in the LRMP and the Higher Level Plan. Landscape-level management objectives will be used rather than species-specific management objectives. Protected Areas remain reserved from harvest.

### 6. Watershed:

Watershed and Riparian values are paramount over other resource values. Protected Areas remain reserved from harvest.

### 7. Recreation:

Recreation, Tourism and Scenic values are paramount over other resource values. Protected Areas remain reserved from harvest.



## LAKES SPT MEMBERS

Bill Chapman . . . . .Babine Forest Products  
 Merima Domazet . . . . .BC Ministry of Forests  
 Miles Fuller . . . . .Land and Resource Management Plan (LRMP) Co-Chair  
 Manuel Kindt . . . . .L&M Lumber  
 Jim McCormack . . . . .Canadian Forest Products

Jim Peebles . . . . .Logging Contractor  
 Jim Richard . . . . .BC Ministry of Forests  
 Russ Skillen . . . . .Lakes District Trappers Association  
 Judy Stratton . . . . .Northern Ecology Action Committee

Laurence Turney . . . . .BC Ministry of Environment, Lands and Parks  
 Steve Voros . . . . .The McGregor Group  
 Brian Walker . . . . .Fraser Lake Sawmills  
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