FOREST AND RANGE EVALUATION PROGRAM

Summary of Publications and Documents

September 2003 to January 2009

Version 3.0 (last updated January 2009)

The following is a comprehensive list of documents produced by the Forest and Range Evaluation Program (FREP) from September 2003 to January 2009. Publications are grouped according to website location.

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About FREP

A Primer on Monitoring and Evaluation Approaches:
A One-day Introductory Workshop – 2005

Portable Document Format; February 2005 (3.1 Mb)

The outline for a one-day workshop designed to provide a full understanding of the range of monitoring and evaluation options, with a focus on effectiveness evaluations.

http://www.for.gov.bc.ca/hfp/frep/site_files/About-Primer-on_Monitoring_and_Evaluation_Approaches.pdf

FREP Priority Evaluation Questions

Portable Document Format; List Revision 1.6; November 21, 2006 (109 Kb)

Provides the list of the 41 priority evaluation questions as submitted by the 11 Resource Value Teams, and the 20 top-ranked questions based on stakeholder input.

http://www.for.gov.bc.ca/hfp/frep/about/PriorityQuestions/archive-november-21-2006.pdf

FREP Brochure

Portable Document Format; Updated August 2008 (1.3 Mb)

Provides an overview of the program to a general audience.

http://www.for.gov.bc.ca/hfp/frep/site_files/brochure/FREP-Brochure-WebOnly-Aug14-2008.pdf

Resource Stewardship Monitoring

About Resource Stewardship Monitoring

Resource Stewardship Monitoring Framework
Portable Document Format; Version 1.0; July 2005 (370 Kb)

A comprehensive description of the objectives and scope of resource stewardship monitoring, including stakeholder involvement, critical success factors, and major deliverables.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_Resource_Stewardship_Monitoring_Framework.pdf

Terms of Reference for Resource Stewardship Monitoring Team
Portable Document Format; February 17, 2005; (117 Kb)

Describes the purpose, reporting relationships, responsibilities, principles of membership, and decision-making processes of Resource Stewardship Monitoring Teams.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_Team_Terms_of_Reference.pdf

RSM and FREP Overview Presentation
Portable Document Format; July 2005 (1.8 Mb)

Presentation provides an overview of resource stewardship monitoring and FREP.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_FREP_and_RSM_Overview.pdf

Resource Stewardship Monitoring Work Plans[1]

2004 RSM Pilot Project Work Plan
Portable Document Format; July 2004 (227 Kb)

A detailed work plan and timetable for the 2004 RSM Pilot Project.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_2004_Pilot_Work_Plan.pdf

2004 Pilot Project GANTT Chart
Portable Document Format; July 2004 (27 Kb)

GANTT chart of the 2004 RSM Pilot Project work-plan tasks.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_2004_Pilot_Gantt_Chart.pdf

2004 Pilot Project Team Members
Portable Document Format (11 Kb)

A list of the team members for the 2004 RSM Pilot Project.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_2004_Pilot_Team_Members.pdf

2005 RSM Pilot Project Work Plan
Portable Document Format; July 2005 (450 Kb)

A detailed work plan and timetable for the 2005 RSM pilot testing.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_2005_Pilot_Work_Plan.pdf

[1] See "Program & Project Management" for 2006–2009 work plans.

2005 Pilot Project Team Members
Portable Document Format (13 Kb)

A list of the team members for the 2005 RSM pilot testing.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_2005_Pilot_Team_Members.pdf

2004 Pilot Projects Meta-Evaluation Criteria
Portable Document Format; July 2004 (155 Kb)

Outlines the meta-evaluation process to measure the success of the 2004 RSM pilot projects.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_2004_Pilot_Meta-Evaluation_Criteria.pdf

Continuous Improvement Workshops 2005–2008

2005 & 2006 Workshops

RSM Pilot Project Review Workshop Minutes, 2005
Portable Document Format; February 22–23, 2005 (236 Kb)

A summary of FREP's first continuous improvement workshop, which outlined progress made during 2004 pilot field season, updating staff on the progress of each resource value and associated projects.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2005/Minutes-CI-Session-Feb22-23-2005.pdf

RSM Continuous Improvement Workshop Minutes, 2006
Portable Document Format; February 29–March 1, 2006 (293 Kb)

A summary of FREP's second continuous improvement workshop, outlining progress made during the 2005 field season as well as what worked and what didn't.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2006/Minutes-CI-Session-Feb28-Mar1-2006.pdf

Continuous Improvement Workshop 2006 Evaluation Summary
Portable Document Format; February 29–March 1, 2006 (77 Kb)

Result summary of workshop evaluation conducted after the 2006 meeting.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2006/Minutes-CI-Session-Feb28-Mar1-2006.pdf

2007 Workshop

RSM Continuous Improvement Workshop Minutes, 2007
Portable Document Format; February 27–28, 2007 (1.94 Mb)

Minutes of FREP's third continuous improvement workshop, outlining progress made during the 2006 field season as well as district feedback and resource value progress reports.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/Minutes-CI-Session-Feb27-28-2007-2.pdf

Continuous Improvement Workshop 2007 Evaluation Summary
Portable Document Format; February 2007 (74 Kb)

Result summary of workshop evaluation conducted after the 2007 meeting.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/FREP-CIWorkshopEvaluationSummary.pdf

Five-year Strategic Plan
PowerPoint Presentation; February 2007 (200 Kb)

Summarizes key aspects of FREP's 5-year strategic plan for program implementation.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab1/Five-Year-Strategic-Plan.ppt

Continuous Improvement Plan
Portable Document Format; February 2007 (68 Kb)

Taken from FREP's National Quality Institute Level 3 application, this document summarizes proposed program improvements in seven key areas.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab1/Improvementplan2007.pdf

FREP Implementation: Questions and Answers
Portable Document Format; February 2007 (27 Kb)

Answers to six important questions regarding FREP's implementation plan.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab1/FREP-Implementation-QA.pdf

Provincial Summaries
Microsoft Excel Spreadsheet; February 2007 (70 Kb)

Data on minimum, maximum, and average person-days of program work conducted for five resource values.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab1/Provincial-Summaries-RVTL2.xls

Stand-level Biodiversity: Baseline Development
PowerPoint Presentation; February 2007 (2.18 Mb)

Discusses attempts to obtain baseline data from various sources to compare with FREP-sampled stand-level biodiversity plots.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab2/Baseline-Development-Presentation.ppt

2005 Stand Level Biodiversity Final Report "Proof of Concept"
PowerPoint Presentation; February 2007 (3.6 Mb)

Discusses the question the biodiversity protocol is intended to answer and the indicators being measured to answer the question.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab2/FREP-Biodiversity-Feb-27-2007.ppt

Large Block Wildlife Tree Retention, Effectiveness Evaluation, Cariboo Region, 2006
PowerPoint Presentation; February 2007 (41.9 Mb)

Discusses a project, carried out in the Quesnel, Central Cariboo, 100 Mile House, and Chilcotin forest districts in 2006, to evaluate wildlife tree retention practices on large cutblocks associated with mountain pine beetle harvests.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab2/Large-Block-Wildlife-Tree-Retention.ppt

Landscape-level Biodiversity
PowerPoint Presentation; February 2007 (504 Kb)

Discusses goals and potential structure of this project, which aims to provide quantitative data on a range of indicators generally accepted as important elements of "patterns of natural disturbance" and landscape-level context to stand-level biodiversity RSM data through pilot effectiveness evaluations.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab2/FREP-CI-Landscape-level-Biodiversity.ppt

Stand Level Biodiversity: "Preparing for Effectiveness Evaluations"

PowerPoint Presentation; February 2007 (2.46 Mb)

Explains how to identify and document some of the ecological anchors and other data collected in Form B of the stand-level biodiversity checklist.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab2/Dean-presentation-SLB-Feb07.ppt

Stand-level Biodiversity: Potential Revisions to 2007 Checklist/Protocol

PowerPoint Presentation; February 2007 (1.2 Mb)

Focusses on constraint data and why it is collected, as well as invasive plants information; provides information about clearcuts and on how much or how little to sample during stand-level biodiversity RSM.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab2/Potential-Revisions-SLBD-protocol.ppt

Review of Water Quality Effectiveness Evaluation Pilot

PowerPoint Presentation; February 2007 (4.8 Mb)

Discusses the questions water quality effectiveness evaluations are intended to answer and outlines the desirable characteristics of the evaluation.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab4/FREP-WQ-presentation.ppt

2006–2007 Cutblock-level Soil RSM Pilot Results

PowerPoint Presentation; February 2007 (532 Kb)

Discusses cutblock-level indicators and protocol tools used in soils RSM pilots along with expected and preliminary results and next steps.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab4/FREP-Soils-Cutblock-Level-Pilot-Results-06-07.ppt

Landscape-level Soils and Terrain Values: Effectiveness Evaluation Pilots

Portable Document Format; February 2007 (2.86 Mb)

Discusses two landscape-level soils evaluation pilots—one in the Interior at the Hellroaring Creek watershed and one on the Coast at the Escalante River watershed.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab4/Landscape_Soils_PJ_Feb2007.pdf

Landscape-level Soils and Terrain Values: Effectiveness Evaluation Pilots

PowerPoint Presentation; February 2007 (16.5 Mb)

Discusses two landscape-level soils evaluation pilots—one in the Interior at the Hellroaring Creek watershed and one on the Coast at the Escalante River watershed.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab4/Landscape_Soils_DRAFT.ppt

Visual Resources Effectiveness Evaluation Progress Report

PowerPoint Presentation; February 2007 (10.3 Mb)

Discusses draft indicators and evaluation document and its use by the Forest Practices Board to audit various licensees in the Campbell River Forest District in August 2004.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab5/FREP-Visual-Resources.ppt

Wildlife Resource Value Team Activities for Wildlife Habitat Areas and Ungulate Winter Ranges–2006/2007

PowerPoint Presentation; February 2007 (52 Kb)

Progress report on activities including data on protocols developed and lists of ongoing projects.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab4/Wildlife-Resource-Value-Team-2006.ppt

2006 Resource Features Pilot: Karst Resources Checklist

PowerPoint Presentation; February 2007 (16.6 Mb)

Discusses karst indicator question, types of features assessed, participating groups in pilot districts (Haida Gwaii and North Island–Central Coast forest districts), licensee training, and checklist updates.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab4/2006-Resource-Features-Pilot-Karst.ppt

Cultural Heritage Resource Effectiveness Evaluation Pilot Project

PowerPoint Presentation; February 2007 (544 Kb)

Discusses information-gathering stage of pilot in four districts (South Island, Fort St. James, Chilcotin, Haida Gwaii) including the nature of the resource value question and the challenges faced to date.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab4/CulturalHeritage_CI_session_final.ppt

Fish Passage: Moving from a Focussed Culvert Evaluation to FREP

PowerPoint Presentation; February 2007 (5.2 Mb)

Discusses the issue of culverts as barriers to fish passage and work to date on intensive and detailed RSM protocols.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab5/FREP-Fish-Passage.ppt

Communicating Back to Prescribing Professionals under FREP: Summary of Survey Responses

Portable Document Format; February 2007 (67 Kb)

Presents results of October 2006 survey conducted with MFR, licensees, other ministries, and First Nations about the evaluation and feedback cycle used by FREP to improve sustainable forest resources management.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab6/Closing-the-Loop-Survey-Summary.pdf

Progress Report: FREP Routine and Intensive Protocols for the FRPA Timber Value in Partial Cuts

PowerPoint Presentation; February 2007 (6.9 Mb)

Provides background on both intensive and routine checklist procedures being developed to address the timber value in partial cut stands, and discusses some preliminary results and next steps.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab7/FREP-CI-Timber-Feb-26-2007.ppt

Are Free-Growing Stands Meeting Expectations?

PowerPoint Presentation; February 2007 (11.4 Mb)

This intensive evaluation is determining whether the free-growing declaration point-in-time assessment is an accurate predictor of future stand productivity and whether the assumptions of stand performance are valid.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab7/E-SquaredFreeGrowingFeb15.ppt

FREP Quality Management Update

PowerPoint Presentation; February 2007 (480 Kb)

Discusses aspects of data quality and the history of quality management activities to date including the application of quality management principles to all areas of the program, and FREP's journey towards National Quality Institute certification.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab8/FREP-CI-Quality_Mgmt-Feb-28-2007.ppt

RSM Training 2007: "Preparing for Effectiveness Evaluations"

PowerPoint Presentation; February 2007 (264 Kb)

Discusses the structure and achievements of last year's RSM training and plans for formal and refresher training in the 2007 field season.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab9/RSM-Training-Feb07.ppt

Digital Clinometer vs. Vertex Hypsometer

PowerPoint Presentation; February 2007 (36 Kb)

Presents the pros and cons of acquiring and using these two tools for FREP RSM activities.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab9/Digital-Clinometer-vs.ppt

FREP IMS Handheld Business Case

PowerPoint Presentation; February 2007 (1.3 Mb)

Discusses cost/benefit analysis undertaken to explore the comparative costs and benefits of either using handheld technology in the field, and uploading to the FREP IMS, or of using paper checklists and having district/branch staff enter data into the FREP IMS.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab10/FREP-Business-Case-Presentation.ppt

FREP Handheld Business Case: Final Report

Portable Document Format; February 2007 (324 Kb)

Discusses the development of the FREP Handheld Business Case, concluding that the overall net cost/benefit of a handheld is unacceptable and is significantly different from the current non-handheld.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2007/tab10/Business-Case-FREP-Handheld.pdf

2008 Workshop

Pre-Conference Reading:

District Breakout Questions
Portable Document Format; February 2007 (178 Kb)

Document outlines seven subgroups of specific topics intended to provoke discussion, and elicit comments and suggestions from the Continuous Improvement Workshop participants.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/preconference/FREP-CI-District-Breakout-Questions.pdf

Communication Break-out Table Questions
Portable Document Format; February 2007 (60 Kb)

Document outlines six questions about FREP communications designed to stimulate discussion among Continuous Improvement Workshop participants.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/preconference/FREP-CI-6Communication-BreakoutQuestions.pdf

Resource Stewardship Monitoring: Communicating with Licensees
Portable Document Format; Version 1.1, February 2007 (236 Kb)

Document describes some ideas that district staff may wish to consider to achieve open and transparent reporting and presentation of results (as well as monitoring tools and methods of assessment) to local "communities of practice."

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/preconference/FREP-CI-RSM-District-Level-Communication.pdf

National Quality Institute (NQI) Progressive Excellence Program PEP: Level 3 Public Sector Criteria
Portable Document Format; February 2008 (170 Kb)

This document illustrates the NQI criteria in bullet form along with more detailed statements explaining what each criterion means and some specific examples to help people understand how FREP is meeting the NQI criteria.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab5/FREP-CI-NQI-PEP_Level3.pdf

Resource Stewardship Monitoring District Status Report: 2005 to 2007
Portable Document Format; February 2007 (484 Kb)

Summarizes RSM results for Queen Charlotte Islands Forest District.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/preconference/2007-FREP-RSM-Report-DQC.pdf

Fort St. James Results: Stand-level Biodiversity 2005 and 2006 Sampling Seasons
Portable Document Format; February 2007 (226 Kb)

Summarizes results from 42 blocks sampled using the FREP stand-level biodiversity protocol in the 2005 and 2006 field seasons in the Fort St. James Forest District.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/preconference/FtStJames-Data-Analysis-2005-2006.pdf

WORKSHOP DOCUMENTS:

Agenda: FREP Continuous Improvement Workshop 2008
Portable Document Format; February 2008 (355 Kb)

Outlines the planned activities for the February 26–27th, 2008 Workshop.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/FREP-CI-Agenda-2008.pdf

Meeting Minutes: FREP Continuous Improvement Workshop 2008
Portable Document Format; February 2008 (607 Kb)

Minutes of FREP's fourth continuous improvement workshop, outlining progress made during the 2007 field season as well as district feedback and resource value progress reports.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/FREP-CI-Session-Minutes-Feb26-27-2008.pdf

FREP Continuous Improvement Workshop 2008 Evaluation Summary
Portable Document Format; February 2008 (234 Kb)

Result summary of workshop evaluation conducted after the 2008 meeting.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/FREP-CI-Workshop-Evaluation-Summary.pdf

FREP Continuous Improvement Workshops: Evaluation Comparison
Portable Document Format; February 2008 (113 Kb)

A comparison of key elements from the 2006, 2007, and 2008 FREP Continuous Improvement Session evaluation surveys.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/FREP-CI-Workshop-Evaluations-Comparison.pdf

Speech: 2006 Chief Forester and ADM of Operations Award for Excellence in RSM
Portable Document Format; February 2008 (91 Kb)

Speech by Barry Elliott, from the 2006 award-winning Nadina Forest District, discussing what the award means, and what it meant to the Nadina district.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/RSM_Award_Speech_Barry-Elliott.pdf

Stand-Level Biodiversity Monitoring: 2005 and 2006 Field Season Data
Portable Document Format; February 2008 (323 Kb)

Presents, by biogeoclimatic zone, preliminary results for stand-level biodiversity monitoring during the 2005 and 2006 field seasons and provides an example for the Coastal Western Hemlock zone.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/Nancy1-FREP-CI-SLBD-NancyDensmore.pdf

Sampling Intensity for Stand-level Biodiversity Surveys
Portable Document Format; February 2008 (310 Kb)

Describes the application of the FREP sampling methodology for stand-level biodiversity monitoring to two harvested cutblocks (one in each of the Kalum and 100 Mile House forest districts) to assess the validity of the recommended plot sample intensity.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/Nancy2-FREP-CI-SLBD-NancyDensmore.pdf

Ecological Anchors
Portable Document Format; February 2008 (2.6 Mb)

Describes the characteristics of three important ecological anchors: hibernacula, mineral licks, and bear dens.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/Eco-anchors-comp-LauraDarling.pdf

Missing Baseline Information For British Columbia's Forests: Can Timber Cruise Data Fill Some Gaps?
Portable Document Format; February 2008 (636 Kb)

Presentation text outlining a UBC graduate student project that aimed to determine whether timber cruise data could facilitate a results-based ecological assessment of forest management.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/Missing-Baseline-Information-AlysonMcHugh.pdf

Missing Baseline Information For British Columbia's Forests: Can Timber Cruise Data Fill Some Gaps?
Portable Document Format; February 2008 (8.7 Mb)

Poster presentation detailing a UBC graduate student project that aimed to determine whether timber cruise data could facilitate a results-based ecological assessment of forest management.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-Timber-Baseline-Data-AlysonMcHugh.pdf

Karst
Portable Document Format; February 2008 (7.2 Mb)

Discusses karst topography and its distribution throughout the province, as well as the resource value question, sampling methodology, and indicators and criteria used to assess impact.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/Karst-Presentation-KevinKilpatrick.pdf

A Collaborative Model For Cultural Heritage Resource Effectiveness Evaluations: Lessons Learned and Our Vision For The Future
Portable Document Format; February 2008 (637 Kb)

Provides an outline of cultural heritage resource value activities to date focussing on the priority research question, guiding principles, evaluation of process indicators through structured interviews, lessons learned, and ongoing challenges.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CHR-CI_26Feb08-LisaLevesque.pdf

A Collaborative Model For Cultural Heritage Resource Effectiveness Evaluations: Lessons Learned and Our Vision For The Future
Portable Document Format; February 2008 (3.3 Mb)

Poster presentation detailing cultural heritage resource value activities to date.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-CulturalHeritage-LisaLevesque.pdf

Riparian, Stream, and Fish Habitat Condition Assessments, 2005–2006

Portable Document Format; February 2008 (112 Kb)

Provides an outline of fish/riparian resource value assessments for 2005–2006, focussing on the priority research question, the scope of assessments, evaluation approach, and preliminary results for 15 physical and biological indicators.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-Riparian-Fish-Habitat-PeterT.pdf

FREP's Routine Riparian Effectiveness Evaluation: What's New in 2008?

Portable Document Format; February 2008 (1.15 Mb)

Outlines upcoming changes to sampling and support materials for riparian effectiveness evaluations in the 2008 field season, including pocket field guides and identification tools that should help answer monitoring questions.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-Whats-New-in-2008-DerekTripp.pdf

Fish Passage and Culverts: Why Did the Fish Cross the Road?

Portable Document Format; February 2008 (278 Kb)

Poster presentation detailing assessment results of 178 culverts evaluated for fish passage during 2006 field season in the Prince George Forest District's Carp and McGregor watersheds.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-FishPassagePoster-RichardThompson.pdf

Fish Passage Through Drainage Structures

Portable Document Format; February 2008 (1.85 Mb)

Outlines activities in fish passage evaluations over the past year, such as developing a strategic approach, updating FIA standards, and reporting preliminary results.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-FishPassage-Feb2008-RichardThompson.pdf

Wildlife Resource Value Effectiveness Evaluations

Portable Document Format; February 2008 (1.49 Mb)

Provides an outline of wildlife resource value activities to date focussing on the development and testing of monitoring protocols for several species including tailed frogs, badgers, snakes, mountain goats, and goshawks.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-Wildlife-Resource-Value-KathyPaige.pdf

A Snapshot in Time: How Effective Were We at Managing Visuals Under the Code?

Portable Document Format; February 2008 (1.15 Mb)

Provides an outline of visual resource value activities to date focussing on the sampling of landscapes in 14 districts to determine the level of visual management achieved under the Forest Practices Code.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-Visual-EffectivenessEval-JacquesMarc.pdf

Soil Value Cutblock-level Effectiveness Evaluations

Portable Document Format; February 2008 (782 Kb)

Describes soil resource value activities to date including the pilots conducted in 2005, early results from first year of implementation in 2007, and plans for 2008 field season monitoring.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-Soil-EffectivenessEval-SandyCurrie.pdf

Water Quality Effectiveness Evaluation

Portable Document Format; February 2008 (2.6 Mb)

Outlines voluntary water quality effectiveness evaluation activities to date including a brief overview of the methodology, some preliminary results from pilot district sampling, common problems in filling out checklists, and new developments for the 2008 field season.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-WaterQuality-DaveMaloney-BrianCarson.pdf

E-Squared "Lite": Developing a FREP Monitoring Protocol For Post-Free-growing Managed Stands

Portable Document Format; February 2008 (268 Kb)

Outlines some preliminary results from a project undertaken in three timber supply areas to test whether the free-growing declaration point-in-time assessment is an accurate predictor of future stand productivity and whether the assumptions of stand performance are valid.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-Timber-E-SquaredFG-WendyBergerud.pdf

Are Free-Growing Stands Meeting Timber Productivity Expectations in the Lakes TSA?

Portable Document Format; February 2008 (1.6 Mb)

Poster presentation details monitoring results of 60 randomly sampled stands in the Lakes Timber Supply Area to examine whether the reliance placed on policy of free-growing declarations is supported by stand performance from a timber yield perspective.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-LakesTSA-AlexWoods.pdf

2007 Pilot of an Intensive FREP Timber Evaluation Protocol

Portable Document Format; February 2008 (1.34 Mb)

Outlines the process of protocol development to address the question "to what degree are stand conditions in harvested areas consistent with the goal to maintain or enhance an economically valuable supply of commercial timber?"

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab2/FREP-CI-Timber-Eval-PatMartin.pdf

FREP Partial Cut Timber Protocol

Portable Document Format; February 2008 (1.3 Mb)

Poster presentation provides details of a partial cut timber protocol designed to answer the following priority evaluation questions: "Are partial cutting forest practices sustainable as measured by maintenance of forest productivity? Are regeneration opportunities under partial cutting being maintained or diminished?"

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-PartCutTimber-PatMartin.pdf

Using Digital Photography to Monitor Grassland Wildlife Habitat and Impacts of Livestock Grazing

Portable Document Format; February 2008 (1.42 Mb)

Describes the use of visual screening monitoring to assess the impacts of livestock grazing on grassland-dwelling small mammal populations (Thompson Region) and grassland-nesting birds (Cariboo Region).

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab3/FREP-CI-GIMP-CindyHaddow.pdf

Monitoring Grassland Wildlife Habitat and Impacts of Livestock Grazing Using Digital Photography

Portable Document Format; February 2008 (2.0 Mb)

Poster presentation provides details of visual screening methods, including use of the GNU Image Manipulation Program.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-GIMP-CindyHaddow.pdf

Level One Range Monitoring in 2007: Challenges, Lessons, and Way Forward

Portable Document Format; February 2008 (1.74 Mb)

Outlines range assessment activities to date focussing on the forage and associated plant communities mandate, a brief overview of protocol development, testing, piloting, and training, and lessons learned.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab3/FREP-CI-Range-Eval-FrancisNjenga.pdf

FREP Information Management System: Status Report

Portable Document Format; February 2008 (2.86 Mb)

Updates on: upcoming FREP IMS May and September 2008 releases, including an opportunity to provide feedback on how the application is working; developing a process to store and search for all FREP reports and data sets; and research on use of handhelds in the FREP program.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab4/FREP-CI-Slides1-SueElo-FrankBarber.pdf

2008 Forest and Range Evaluation Program Quality Assessment

Portable Document Format; February 2008 (211 Kb)

Nine-question survey used to gather feedback from people involved with FREP about how well program is working.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab5/FREP-CI-2008-Level3QualityAssessment.pdf

FREP Quality Management Update

Portable Document Format; February 2008 (128 Kb)

Briefly outlines how FREP manages program quality, and achievements to date.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab5/FREP-CI-Quality-Mgmt-AlanyaSmith-ThomasChen.pdf

FREP Strategic Plan

Portable Document Format; February 2008 (1.2 Mb)

Poster presentation summarizes aspects of FREP's strategic plan including FREP's mission statement and mandate, strategic themes, performance measures, and key development and exploratory areas.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-Strategic-Plan-ThomasChen.pdf

FREP Quality Management

Portable Document Format; February 2008 (871 Kb)

Poster presentation summarizes aspects of FREP's quality management highlighting the relationship between the program's vision and mission, government goals, and National Quality Institute criteria.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-Quality-Mgmt-ThomasChen.pdf

Fisheries Sensitive Watersheds Effectiveness Monitoring

Portable Document Format; February 2008 (391 Kb)

Presentation describes fisheries sensitive watersheds, outlines how they are selected and designated, and how they will be monitored.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab7/FREP-CI-FisheriesWatersheds-LarsReese-Hansen.pdf

The Watershed Evaluation Tool (WET v3): A Watershed Atlas-based Tool to Rank British Columbia's Fish Values and Watershed Sensitivity

Portable Document Format; February 2008 (1.75 Mb)

Poster presentation summarizes how the Watershed Evaluation Tool will be used to assess watersheds across selected landscapes.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-Watershed-Eval-Tool-LarsReese-Hansen.pdf

Invasive Plants: Field Cards

Portable Document Format; February 2008 (78 Kb)

Simple field card that will be used to record invasive plants in each sample unit regardless of the resource value assessed.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab8/FREP-CI-InvasivePlants-KevinKilpatrick.pdf

Kamloops Forest District FREP Assistant Handbook
Portable Document Format; February 2008 (2.36 Mb)

Presentation describes a how-to manual developed by a non-forester to help people with day-to-day FREP tasks (before, during, and after fieldwork).

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab9/FREP-CI-KamloopsFD-JenniferStieda.pdf

Using ArcGIS to Create FREP Field Maps
Portable Document Format; February 2008 (1.2 Mb)

Describes various tools and applications that allow users to work with GPS data and to create maps.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab9/FREP-CI-ARCGIS-DianeMillar.pdf

How To Create Maps Using ArcGIS
Portable Document Format; February 2008 (10.1 Mb)

Poster presentation illustrates process of creating a field map.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-Poster-ARCGIS-DianeMillar.pdf

Training: The 2007 Experience and Beyond
Portable Document Format; February 2008 (4.28 Mb)

Describes 2007 RSM training, which was formally delivered to 343 people in riparian, biodiversity, soils, visuals, water quality, and karst monitoring at various locations around the province, including information on innovations, mentor visits, and quality assurance reviews.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab10/FREP-CI-Training-DeanMcGeough.pdf

FRPA Administrative Effectiveness Evaluations: FREP Administration
Portable Document Format; February 2008 (312 Kb)

Describes a new initiative that will evaluate the overall effectiveness of the *Forest and Range Practices Act* with a focus on the social and economic goals of *FRPA* and the administrative effectiveness of the *FRPA* model.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/tab10/FREP-CI-KerriBrownie.pdf

Identifying Stumps of B.C. Softwoods Based on Bark Morphology and Macroscopic Features of Wood
Portable Document Format; February 2008 (6.7 Mb)

Poster presentation illustrates dichotomous keys for stump identification.

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-StumpID-FrankBarber.pdf

Worker Safety Impacts Associated with Legislation, Policy, Planning and Implementation of Forest Harvesting Activities in British Columbia
Portable Document Format; February 2008 (1.6 Mb)

Poster presentation summarizes evaluation report findings on worker safety (FREP Report No. 12).

http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/FREP-CI-WorkerSafety-PeterBradford.pdf

Rangeland Health Assessments and Remedial Measures
Portable Document Format; February 2008 (452 Kb)

Poster presentation outlines the role of monitoring to develop remedial measures that will improve the overall health of rangeland in British Columbia.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/Rangeland-Health-Remedial-Measures-AndrewPantel.pdf

Monitoring Range Health with ArcPad GIS Software and Handheld PDAs
Portable Document Format; February 2008 (276 Kb)

Poster presentation outlines how technologies such as ArcPad, Microsoft Access, and handheld computers increase the consistency and efficiency of data collection and analysis by assisting range staff to collect detailed range health information and upload that information to a provincial database.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/Range-Monitoring_Arcpad-NewMexico-AndrewPantel.pdf

Level 1 Water Quality Monitoring in Areas Grazed by Livestock
Portable Document Format; February 2008 (252 Kb)

Poster presentation describes level 1 (coarse filter) checklist of range indicators that indicate whether livestock are compromising water quality.
http://www.for.gov.bc.ca/hfp/frep/site_files/ciworkshop2008/posters/WaterQuality-AndrewPantel.pdf

Resource Stewardship Monitoring Training (2008/2009)

RSM Training Dates and Locations: 2008 Field Season Licensee Communication
Portable Document Format; April 2008 (145 Kb)

Schedule of RSM training dates for eight resource values in three forest regions.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-Training-Dates-Locations-2008.pdf

Details for Riparian, Stand-level biodiversity, Karst and Water Quality Checklist Training Sessions 2008
Portable Document Format; April 2008 (34 Kb)

Outlines the RSM training plan for the 2008 field season, including trainer contact information, training format, and schedule.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-Checklist-Training-Sessions-2008.pdf

2008 RSM Training Schedule
Microsoft Excel Spreadsheet; April 2008 (408 Kb)

RSM training schedule in spreadsheet format.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-Training-SignUp-2008.xls

RSM Training Venue at Williams Lake
Portable Document Format; April 2008 (383 Kb)

Detailed directions to RSM training venue includes map and plan of facility.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-Training-Williams-Lake-2008.pdf

RSM Training Venue at Vanderhoof
Portable Document Format; April 2008 (248 Kb)

Detailed directions to RSM training venue includes map.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-Training-Vanderhoof-2008.pdf

Policy and Procedures Regarding Attachments to Checklists Submitted in IMS
Portable Document Format; May 2008 (115 Kb)

Document outlining relevant policy and procedures for checklist submissions to IMS database.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/Policy-and-Procedure-Attachments-May12-2008.pdf

FREP-focused Field Identification Training for Invasive Plants (Northern Interior Region)
Portable Document Format; June 2008 (211 Kb)

Outlines purpose, objectives, schedule, and trainer contact information for invasive plant field identification training held at Northern Interior Forest Region locations in June 2008.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-Training-IP-Identification-Jun2008.pdf

FREP-focused Field Identification Training for Invasive Plants (Southern Interior Region)
Portable Document Format; June 2008 (216 Kb)

Outlines purpose, objectives, schedule, and trainer contact information for invasive plant field identification training held at Southern Interior Forest Region locations in June 2008.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-Training-IP-Identification-2-Jun2008.pdf

FREP-focused Field Identification Training for Invasive Plants (Coast Region)
Portable Document Format; June 2008 (198 Kb)

Outlines purpose, objectives, schedule, and trainer contact information for invasive plant field identification training held at Coast Forest Region locations in June 2008.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-Training-IP-Identification-3-Jun2008.pdf

RSM Information Sharing Conference Calls

Monthly Resource Stewardship Monitoring Conference Call Minutes
Portable Document Format; Monthly from May 08, 2006

Monthly (from May 2006) RSM Conference call minutes including action items.
http://www.for.gov.bc.ca/hfp/frep/rsm/minutes.htm

FREP Field Review Session Meetings

FREP Field Review Session Meeting Minutes
Portable Document Format; December 2007 (205 Kb)

Minutes of field review session held at Dunsmuir Lodge, Victoria, B.C., September 25, 2007.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm_minutes/RSM-Field_Review_Session_Minutes_25-Sept-07.pdf

RSM Licensees Communication

Resource Stewardship Monitoring: Communicating with Licensees
Portable Document Format; June 2007 (137 Kb)

Document describes some ideas that district staff may wish to consider to achieve open and transparent reporting and presentation of results (as well as monitoring tools and methods of assessment) to local "communities of practice."
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_District_Level_Communication_June18-2007.pdf

Cultivating Communities of Practice: A Quick Start-up Guide
PowerPoint Presentation; July 2007 (47 Kb)

This flow diagram describes the concept of communities of practice and critical factors for their success.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM-CoP_Start-Up_Guide.ppt

Communities of Practice
Portable Document Format; July 2007 (109 Kb)

Document describes the concept of communities of practice in an organization.
http://www.for.gov.bc.ca/hfp/frep/site_files/rsm/RSM_CoP.pdf

FRPA Resource Values[2]

Biodiversity

Effectiveness Evaluations: A Primer for Making Them Truly Effective (Poster Presentation)

Portable Document Format; November 2004 (162 Kb)

Outlines the contents of a one-day workshop that provided background on effectiveness evaluations, focussing on how they differ from other types of evaluations or monitoring, and on a process to develop effective indicators highlighting successful approaches.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Biodiversity_NovConf_Effectiveness_Evaluations_Paper.pdf

The FRPA Resource Evaluation Program

Portable Document Format; November 2004 (174 Kb)

Document provides comprehensive information on the program's background and approach.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Biodiversity_NovConf_FREP_Paper.pdf

Stand-level Biodiversity Monitoring: An Evolving Approach

Portable Document Format; November 2004 (168 Kb)

Discusses the beginnings of stand-level biodiversity monitoring under FREP.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Biodiversity_NovConf_Biodiversity Monitoring_Paper.pdf

Effectiveness Evaluation For Wildlife in British Columbia Under the Forest and Range Practices Act

Portable Document Format; November 2004 (231 Kb)

Describes the early stages in the development of tools and approaches to wildlife effectiveness evaluations.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Biodiversity_NovConf_Wildlife_Paper.pdf

Cultural Heritage

Cultural Heritage Resources Pilot Project Terms of Reference

Portable Document Format; July 2007 (47 Kb)

Outlines the terms of reference for the Process Evaluation Working Group.

http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-Terms-of-Reference-Jan2008.pdf

Action Plan: FREP Report No. 18

Portable Document Format; November 2008 (95 Kb)

Action plan outlines action items for each recommendation in FREP Report No. 18 (see "Publications: Reports").

http://www.for.gov.bc.ca/hfp/frep/site_files/actionplans/FREP-ActionPlan-for-Report18.pdf

[2] See "RSM Protocols, Field Forms, Checklists" for current resource value monitoring documents.

Wildlife

Progress in Effectiveness Evaluation for Wildlife

Portable Document Format; May 2006 (14 Kb)

Chart shows progress (as of 2006) in developing evaluation materials for nine species.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Progress_in_Effectiveness_Evaluation_for_Wildlife.pdf

Conservation Analysis for the Great Basin Gophersnake (Pituophis catenifer deserticola) in British Columbia

Portable Document Format; March 2007 (1.9 Mb)

Provides a spatial analysis of habitat suitability and land tenures within the potential range of the gophersnake; conservation strategies are proposed with an emphasis on maintaining connectivity and promoting the most effective strategy for each population, depending on the dominating land tenure.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Gopher_Snake_Conservation_Analysis_Mar2007.pdf

Rocky Mountain Tailed Frog: Conservation Analysis

Portable Document Format; March 2005 (1.3 Mb)

Reports on the habitat associations, protection status, and conservation needs of the Rocky Mountain tailed frog (*Ascaphus montanus*).

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Tailed_Frog_Conservation_Analysis.pdf

Question and Indicator Report: Monitoring the Effectiveness of Mountain Goat Habitat Management

Portable Document Format; March 2005 (583 Kb)

Outlines the development of a series of indicators to measure the effectiveness of habitat management for mountain goats under the *Forest and Ranges Practices Act*, identifying knowledge gaps and recommendations for implementation.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Mountain_Goat_Habitat_Mgmt-2005.pdf

Question and Indicator Report: Developing Questions and Indicators for Evaluating the Effectiveness of Badger Wildlife Habitat Areas

Portable Document Format; March 2006 (591 Kb)

Develops a framework to evaluate the effectiveness, or function, of wildlife habitat areas established for badgers.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Badger_WHA_Analysis.pdf

Question and Indicator Report: Indicators and Methods for Effectiveness Monitoring of White-headed Woodpecker WHAs

Portable Document Format; March 2004 (406 Kb)

Discusses monitoring questions, indicators, and sampling designs that can be used by researchers and managers to quantitatively assess whether whiteheaded woodpecker wildlife habitat areas are achieving their goals.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_QA_Indicators_White_Headed_Woodpecker_2004.pdf

Question and Indicator Report: Indicators and Methods for Effectiveness Monitoring of Tailed Frog Wildlife Habitat Areas

Portable Document Format; March 2004 (478 Kb)

Develops a monitoring protocol that can be used to evaluate the effectiveness of tailed frog wildlife habitat areas.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Tailed_Frog_WHA_Analysis.pdf

Question and Indicator Report: Indicators and Methods for Monitoring the Effectiveness of Gopher Snake Wildlife Habitat Areas

Portable Document Format; March 2004 (1.23 Mb)

Develops a set of habitat- and population-based indicators for assessing the effectiveness of wildlife habitat areas for gopher snakes.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Gopher_Snake_WHA_Analysis.pdf

Protocol for Monitoring the Effectiveness of Badger Wildlife Habitat Areas

Portable Document Format; Version 1.4, March 2007 (1.28 Mb)

Provides protocol for monitoring the effectiveness of badger wildlife habitat areas to determine whether management objectives are being achieved.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Badger_WHA_EE_Protocol_Mar2007.pdf

Protocol for Conducting Routine and Extensive Effectiveness Evaluations for Rocky Mountain Tailed Frog Wildlife Habitat Areas

Portable Document Format; Version 2, March 2006 (3.3 Mb)

Provides a guide to completing routine and extensive effectiveness evaluations for Rocky Mountain tailed frog (*Ascaphus montanus*) wildlife habitat areas, and a general outline of research needs for intensive effectiveness evaluations.

http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_Wildlife-Rocky_Mountain_Tailed_Frog_WHA_Monitoring_Protocol.pdf

Monitoring the Effectiveness of Ungulate Winter Ranges Established for Mountain Goats: Establishing Monitoring Protocols and Ecological Baselines

Portable Document Format; March 2006 (5.69 Mb)

Develops both office and field procedures for monitoring and presenting the results of a pilot implementation of the field procedures in two project areas.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Protocol_Mountain_Goat_Habitat_Mgmt-2006.pdf

Gopher Snake Wildlife Habitat Area Routine Effectiveness Evaluation

Portable Document Format; March 2005 (5.51 Mb)

Reports on the spatial analysis (local and regional) of five routine indicators (road density, land status, land use, fire potential and fire history) used to monitor the effectiveness of gopher snake wildlife habitat areas.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_Gopher_Snake_WHA_Evaluation.pdf

Effectiveness Evaluations for the Fir Mountain, Johnson Lake and Ta Ta Creek Airport South Badger Wildlife Habitat Areas in 2006

Portable Document Format; April 2007 (1.08 Mb)

Reports on effectiveness evaluations conducted in 2006 for three wildlife habitat areas established for badgers in the East Kootenay area of British Columbia, focussing on ratings that were developed relating to the functionality of these areas and the level of risk they face.

http://www.for.gov.bc.ca/hfp/frep/site_files/values/Wildlife_EK_Badger_WHAs_Apr2007.pdf

Recognition and Awards

Haida Gwaii Forest District Wins 2007 Resource Stewardship Monitoring Award

Portable Document Format; October 2008 (210 Kb)

Profiles the winner (Haida Gwaii Forest District) of the 2007 Chief Forester and ADM of Operations Award for Excellence in Resource Stewardship Monitoring.

http://www.for.gov.bc.ca/hfp/frep/site_files/recognition/HaidaGwaii-FD-Receives-RSM-Award.pdf

Nadina Forest District Receives Excellence in Resource Stewardship Monitoring Award

Portable Document Format; October 2007 (190 Kb)

Profiles the winner (Nadina Forest District) of the 2006 Chief Forester and ADM of Operations Award for Excellence in Resource Stewardship Monitoring.

http://www.for.gov.bc.ca/hfp/frep/site_files/recognition/Nadina-Forest-District-Receives-RSM-Award.pdf

Chief Forester and ADM of Operations Award for Excellence in Resource Stewardship Monitoring

Portable Document Format; Version 1, September 2006 (39 Kb)

Handout includes details of this annual award given to the district demonstrating the highest level of contribution and excellence in FREP resource stewardship monitoring; also includes a nomination form.

http://www.for.gov.bc.ca/hfp/frep/site_files/recognition/Award_for_Excellence_in_RSM_Handout.pdf

Chief Forester and ADM of Operations Award for Excellence in Resource Stewardship Monitoring (revised)

Portable Document Format; Version 2, April 2007 (46 Kb)

Handout includes details of this annual award given to the district demonstrating the highest level of contribution and excellence in FREP resource stewardship monitoring, and a revised nomination form.

http://www.for.gov.bc.ca/hfp/frep/site_files/recognition/Award_for_Excellence_in_RSM_NominationForm-2007-V2.pdf

RSM Protocols, Field Forms, and Checklists[3]

Protocol for 2005 Resource Stewardship Monitoring: Steps for the Selection of Sites under Riparian-Fish and Stand-level Biodiversity Resource Stewardship Monitoring
Portable Document Format; Version 1, June 2005 (538 Kb)

Provides detailed procedures for selecting sample sites for RSM of riparian-fish and stand-level biodiversity in 2005.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_2005_Protocol_for_Resource_Stewardship_Monitoring_FG.pdf

Biodiversity

Field Forms

Field Form A: Stand-level Biodiversity Resource Stewardship Monitoring
Portable Document Format; FS1244-A1 HFP 2008/04, April 2008 (142 Kb)

Field card: Form A for recording plot information.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS-1244-SLBD-FormA-Apr21-2008.pdf

Field Form B: Stand-level Biodiversity Resource Stewardship Monitoring
Portable Document Format; FS1244-A1 HFP 2008/04, April 2008 (151 Kb)

Field card: Form B for recording stratum summary, patch/dispersed summary, reserve constraints; also contains stratum codes and guidance for plot and coarse woody debris transect establishment.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS-1244-SLBD-FormA-Apr21-2008.pdf

Field Form C: Stand-level Biodiversity Resource Stewardship Monitoring
Portable Document Format; FS1244-A1 HFP 2008/04, April 2008 (112 Kb)

Field card: Form C for recording block summary information.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS-1244-SLBD-FormC-Apr21-2008.pdf

Field Form D: Stand-level Biodiversity Resource Stewardship Monitoring
Portable Document Format; FS1244-A1 HFP 2008/04, April 2008 (356 Kb)

Field card: Form D provides reference for determining wildlife tree classes and coarse woody debris decay classes, as well as a list of tree codes for native conifers and hardwoods.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS-1244-SLBD-FormD-Apr21-2008.pdf

Time Card
Portable Document Format; FS1317 HFP 2008/04, April 2008 (227 Kb)

Field card to document time and resources requirements for resource stewardship monitoring activities.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/TimeCard-Apr16-2008.pdf

[3] Check website for most recent documents (***http://www.for.gov.bc.ca/hfp/frep/indicators/table.htm***).

District Validation Checklist: Stand-level Biodiversity
Portable Document Format; October 2008 (179 Kb)

Checklist to help verify the logic of information documented on field forms; intended to highlight considerations that can't be checked on FREP Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Validation-tool-SLBD-updatedOct2008.pdf

Field Protocols

Protocol for Stand-level Biodiversity Monitoring: Steps for Field Data Collection and Administration
Portable Document Format; Version 4, April 2008 (4.4 Mb)

A detailed description of background information and instructions for stand-level biodiversity data collection.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-SLBD-Protocol-2008.pdf

Field Guide for Stand-level Biodiversity Monitoring
Portable Document Format; Version 3, April 2008 (906 Kb)

Field guide designed to provide guidance on how to collect information set out in Field Card A (FS1244-A1 HFP 2008/04).
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-SLBD-FieldGuide-Mini-2008.pdf

Cultural Heritage

Indicators (Process)

Cultural Heritage Value: Process Indicator Framework
Portable Document Format; November 2007 (25 Kb)

Framework represents the key components of effective forest management planning and implementation processes that meaningfully incorporate First Nations' cultural heritage values, resources, and interests.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FREP_Process_Indicator_framework_Nov2007.pdf

Interview Protocols (Process)

Interview Questions for First Nations: Cultural Heritage Resource Value Pilot Project
Portable Document Format; January 2008 (65 Kb)

Interview questions designed to gather information about activities occurring within band or First Nation's office and interactions with government and industry regarding forest management planning and implementation and cultural heritage resource management within the band or First Nation's territory.
http://www.for.gov.bc.ca/hfp/frep/site_files/values/CH-Interview-Questions-First-Nations.pdf

Interview Questions for Proponents: Cultural Heritage Resource Value Pilot Project
Portable Document Format; January 2008 (61 Kb)

Interview questions designed to gather information about activities occurring within company or Timber Sale's office and interactions with government and First Nations regarding forest management planning and implementation or cultural heritage resource management within the company or Timber Sale's office operating area.
http://www.for.gov.bc.ca/hfp/frep/site_files/values/CH-Interview-Questions-Proponents.pdf

Interview Questions for Ministry of Forests and Range Staff: Cultural Heritage Resource Value Pilot Project
Portable Document Format; January 2008 (60 Kb)

Interview questions designed to gather information about activities occurring within forest district or district office and interactions with First Nations regarding forest management planning and implementation or cultural heritage resource management within the forest district.
http://www.for.gov.bc.ca/hfp/frep/site_files/values/CH-Interview-Questions-MFR-Staff.pdf

Fish/Riparian

Field Forms

Riparian Management Routine Effectiveness Evaluation: Field Cards
Portable Document Format; FS1248 HFP 2008/04, Version 2, April 2008 (617 Kb)

Field cards for recording riparian RSM data.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS-1248-Riparian-Field-Card-2008Final-Version2.pdf

2008 Riparian Procedure, Checklist, and Protocol Changes
Portable Document Format; June 2008 (114 Kb)

Itemizes checklist changes and errata.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Riparian-Procedure-Checklist-Protocol-Changes-June2008.pdf

District Validation Checklist: Riparian Effectiveness Evaluations
Portable Document Format; October 2008 (170 Kb)

Checklist to help verify the logic of information documented on field forms; intended to highlight considerations that can't be checked on FREP Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Validation-tool-RIP-updatedOct2008.pdf

Field Protocols

Protocol for Evaluating the Condition of Streams and Riparian Management Areas
Portable Document Format; Version 4, April 2008 (4.0 Mb)

Protocol created to provide background information and data collection instructions for fish/riparian resource stewardship monitoring.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-Riparian-Protocol-2008.pdf

Field Supplement to Evaluating the Condition of Streams and Riparian Management Areas
Portable Document Format; Version 2, August 2008 (1.0 Mb)

Field document provides guidance on how to collect information needed to evaluate the functioning condition of streams and riparian management areas.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-Riparian-FieldGuide-Aug-19-2008.pdf

Forage and Associated Plant Communities

Field Forms

Invasive Plants: Resource Stewardship Monitoring – Field Form A
Portable Document Format; FS1316 2008/02, April 2008 (209 Kb)

Field form for recording invasive plant species.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS1316-Invasive-Plants-18-April-2008.pdf

Evaluation Forms
Portable Document Format; March 2008 (34 Kb)

Forms for the evaluation of riparian function and uplands function.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_Forage-Evaluation_Forms-2008.pdf

Description of Plant Communities and Habitats
Portable Document Format; April 2006 (34 Kb)

Form for recording browse utilization and current and desired plant communities.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_Forage-Description_of_Plant_Communities_and_Habitats.pdf

Field Protocols

Protocol for Resource Stewardship Monitoring:
Invasive Plants Field Card (FS1316) Guidelines
Portable Document Format; Version 1, April 2008 (540 Kb)

Protocol provides staff involved in resource stewardship monitoring with a process for collecting the required information about invasive plants.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-InvasivePlants-Protocol-2008.pdf

Invasive Plants Identification Field Guide for use with Invasive Plants
Resource Stewardship Monitoring Cards
Portable Document Format; Version 1, June 2008 (5.1 Mb)

Provides detailed botanical information about plants considered invasive in British Columbia (includes colour photographs).
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/IP-Identification-Field-Guide-June2008.pdf

How to Complete Function Checklists
Portable Document Format; March 2008 (35 Kb)

Revised documentation to complete function evaluation checklists.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_Forage-Evaluation_Forms_Detailed_Instructions-2008.pdf

Recreation

Field Forms

Recreation Site Evaluation Field Form
Portable Document Format; FS1238-B-1 HFP 04/11, June 2006 (288 Kb)

Checklist for evaluating recreation sites.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_Recreation-Site_Evaluation_Field_Form.pdf

Recreation Evaluation Post-Data Collection Questionnaire
Portable Document Format; April 2006 (288 Kb)

A questionnaire to collect feedback from field staff on implementation of recreation site effectiveness evaluations.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_Recreation-Post_Data_Collection_Questionnaire.pdf

Field Protocols

Recreation Site Evaluation Draft Form
Microsoft Excel Spreadsheet; April 2006 (80 Kb)

Recreation site evaluation questions in Excel format.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_Recreation-Site_Evaluation_Draft_Form.xls

Recreation Site Effectiveness Evaluation Project Plan
Portable Document Format; September 2004 (280 Kb)

A detailed project plan (e.g., goals/objectives, scope, deliverables, roles and responsibilities, stakeholders, etc.) to evaluate the effectiveness of recreation sites.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators_Recreation-Site_Effectiveness_Evaluation_Project_Plan.pdf

Resource Features

Field Forms

Karst Resource Features Field Cards
Portable Document Format; FS1253 HFP 2008/09; September 2008 (1.23 Mb)

Field forms for recording details of karst features.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS1253-Karst-FieldCards-Sept8-2008.pdf

Soils

Field Forms

Soils Conservation Resource Stewardship Monitoring Field Cards
Portable Document Format; FS1246 HFP 2008/04; April 2008 (622 Kb)

Field forms for recording soils conservation data.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS1246-Soils-Apr-24-2008.pdf

OziExplorerCE Training and Help Field Supplement
Portable Document Format; Version 1, November 2006 (1.71 Mb)

Field supplement describes how to do tasks needed to describe soil disturbance on georeferenced images when using a PDA.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/OziCE-Field-Supplement.pdf

Field Protocols

Protocol for Soil Resource Stewardship Monitoring: Cutblock Level
Portable Document Format; Version 4, April 2008 (1.65 Mb)

This protocol provides background information about data collection for cutblock-level soil resource stewardship monitoring activities.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-Soils-Protocol-2008.pdf

OziExplorer Training and Help Manual
Portable Document Format; Version 1, November 2006 (1.71 Mb)

Manual describes how to do tasks needed to describe soil disturbance on georeferenced images.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Ozi-Training-Manual.pdf

Visual Quality

Field Forms/Protocols

Protocol for Visual Quality Effectiveness Evaluation Procedures and Standards
Portable Document Format; Version 3, November 2008 (2.78 Mb)

Protocol explains procedures and standards for evaluating whether forestry operations are meeting established visual quality objectives in designated scenic areas.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-VisualQuality-Protocol-Nov2008.pdf

Visual Quality Effectiveness Evaluation Resource Stewardship Monitoring Field Form
Portable Document Format; FS1252 2008/04, November 2008 (2.18 Mb)

Field form for recording visual quality monitoring data.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS-1252-VQEE-Nov2008.pdf

Water Quality

Field Form

Water Quality Resource Stewardship Monitoring Field Form
Portable Document Format; FS1247 HFP 2008, April 2008 (353 Kb)

Field form for recording water quality monitoring data.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/FS-1247-WaterQuality-Field-Card-Apr11-2008.pdf

Field Protocol

Protocol for Evaluating the Potential Impact of Forestry and Range Use on Water Quality
Portable Document Format; Version 2, March 2008 (6.53 Mb)

A detailed description of the evaluation procedures for water quality.
http://www.for.gov.bc.ca/hfp/frep/site_files/indicators/Indicators-WaterQuality-Protocol-2008.pdf

Quality Management

Quality Management

National Quality Institute

National Quality Institute Progressive Excellence Program: Level 1 Application
Portable Document Format; September 2006 (482 Kb)

Describes how FREP is meeting NQI PEP level 1 criteria.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/NQI-PEP-level1-application-2006.pdf

Progressive Excellence Program Level 2 Application: National Quality Institute
Portable Document Format; June 2007 (1.5 Mb)

Describes how FREP is meeting NQI PEP level 2 criteria.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/NQI-PEP-level2-application-2007.pdf

Progressive Excellence Program Level 3 Application: National Quality Institute
Portable Document Format; June 2007 (2.2 Mb)

Describes how FREP is meeting NQI PEP level 3 criteria.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/NQI-PEP-level3-application-2008-final.pdf

Progressive Excellence Program Full Assessment with National Quality Institute Level 2 Criteria
Portable Document Format; June 2007 (304 Kb)

Results of Quality Assessment Team assessment, which provides foundation for the National Quality Institute's Progressive Excellence Program level 2 application.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/NQI-level2-assessment2007.pdf

Forest and Range Evaluation Program (FREP) 2008 Annual Quality Assessment Report
Portable Document Format; April 2008 (1.13 Mb)

Results of Quality Assessment Team assessment, which provides foundation for the National Quality Institute's Progressive Excellence Program level 3 application.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/NQI-level3-assessment2008-final.pdf

Quality Management Work Plan

FREP Quality Assurance and Quality Control Integrated Implementation Strategy and Work Plan for 2005/06
Portable Document Format; October 2005 (295 Kb)

Document describes FREP's quality assurance and quality control implementation strategy for 2005/06; the implementation strategy addresses integrated quality assurance and control mechanisms for FREP as a whole, and the work plan focusses on quality processes related to resource stewardship monitoring activities for riparian/fish and stand-level biodiversity.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_QA_Implementation_Strategy_2005-06.pdf

2006/07 Forest and Range Evaluation Program Quality Management Work Plan and Implementation of the National Quality Institute Progressive Excellence Program
Portable Document Format; August 2006 (305 Kb)
Lays out the project plan for 2006 fiscal year ending March 31, 2007.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_FREP_Work_Plan_Final-14-12-06.pdf

2007/08 Forest and Range Evaluation Program Quality Management Work Plan
Portable Document Format; May 2007 (394 Kb)
Document describes the FREP Quality Management work plan for 2007/2008.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_FREP_Work_Plan_Final-05-07.pdf

2008/09 Forest and Range Evaluation Program Quality Management Work Plan
Portable Document Format; September 2008 (370 Kb)
Lays out the goals and specific deliverables for the 2008/2009 fiscal year.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_FREP_Work_Plan_Sept03-2008.pdf

Quality Management Annual Reports

2007/08 Forest and Range Evaluation Program Quality Management Annual Report
Portable Document Format; August 2008 (1.02 Mb)
Annual report summarizes all FREP quality-related resources and activities for fiscal year ending March 31, 2008.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter11-QM-Annual-Report-Aug2008.pdf

2006/07 Forest and Range Evaluation Program Quality Assurance and Quality Control Annual Report
Portable Document Format; June 2007 (636 Kb)
Annual report summarizes all FREP quality-related resources and activities for fiscal year ending March 31, 2007.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_QA_FREP_AnnualReport_June-2007.pdf

2005/06 Forest and Range Evaluation Program Quality Assurance and Quality Control Annual Report
Portable Document Format; August 2006 (360 Kb)
Annual report summarizes all FREP quality-related resources and activities for fiscal year ending March 31, 2006, and outlines the future direction of the FREP Quality Assurance Framework, which is progressive in nature and based on the principle of continuous improvement.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter_03_August-2006.pdf

Site Visit Reports

2007 Training and Quality Assurance Report for Stand-level Biodiversity Monitoring and Evaluating the Condition of Streams and Riparian Management Areas
Portable Document Format; February 2008 (1.37 Mb)
Summarizes the 2007 RSM training, mentoring, and quality assurance activities for stand-level biodiversity and riparian area monitoring, and provides recommendations for continuous improvement.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_QA_Site_Visit_Report2007.pdf

2006 Quality Assurance Site Visit Report for Stand-level Biodiversity Monitoring and Fish/Riparian Monitoring

Portable Document Format; February 2007 (214 Kb)

Summarizes the 2006 RSM quality assurance activities for stand-level biodiversity and fish/riparian monitoring.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_QA_Site_Visit_Report2006.pdf

2005 Quality Assurance Site Visit Report for Stand-level Biodiversity Monitoring and Evaluating the Condition of Streams and Riparian Management Areas

Portable Document Format; January 2006 (286 Kb)

Summarizes the 2005 RSM quality assurance activities for stand-level biodiversity and riparian monitoring.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_QA_Site_Visit_Report2005.pdf

Quality Control

Quality Control Protocol No. 1 – 2005/06 Field Season Data Verification QA Site Visits for Stand-level Biodiversity and Riparian/Fish Resource Stewardship Monitoring

Portable Document Format; October 2005 (113 Kb)

A quality control protocol for conducting quality assurance site visits to ensure data collection accuracy, consistency, and bias control.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_QCP01_QA_Site_Visit_13-Oct-2005.pdf

FREP Data Management (Interim for 2008–2009) Quality Control Protocol No. 2

Portable Document Format; August 2008 (108 Kb)

Provides a guideline to streamline data and field card management for stand-level biodiversity and riparian/fish resource values for 2008/2009.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_FREP_QC-Protocol2-Aug-2008.pdf

FREP Report Implementation and Publication Quality Control Protocol No. 4

Portable Document Format; December 2008 (450 Kb)

Describes process for FREP report reviews from project initiation to publication; includes FREP report style guide, guidelines for peer review, and review and sign-off sheets.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QCProtocol4-ElectronicForms-Dec9-2008-MASTER-BLANKFORM.pdf

Quality Control Protocol No. 4 Appendices 3 and 4

Microsoft Word Document; November 2008 (78 Kb)

Provides Appendix 3 (FREP Report Review and Sign-off Sheet) and Appendix 4 (Template for FREP Report Action Plans) as a Microsoft Word document.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/FREP-QCP4-Appendices-3&4-Nov25-2008.doc

FREP Survey, Questionnaire, and Evaluation (Internal Use) Quality Control Protocol No. 6

Portable Document Format; July 2008 (222 Kb)

Provides guidance on self-administered surveys.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_FREP_QC-Protocol-July-2008.pdf

Quality Assurance

FREP Quality Assurance Framework: Background Paper
Portable Document Format; July 2005 (1.1 Mb)

Sets the stage for quality assurance, quality management, and quality control in environmental monitoring and evaluation.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_Quality_Assurance_Framework_Backgrounder_new.pdf

Assessment of Quality Management Framework – Forest and Range Evaluation Program Ministry of Forests and Range and Ministry of Environment
Portable Document Format; February 2007 (397 Kb)

Assessment conducted by the Forest Practices Board to identify strengths and weaknesses of FREP's structure and framework.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_Assessment_Quality_Mgmt_Framework.pdf

Quality Management Team

Quality Management Team: Terms of Reference
Portable Document Format; Version 2, November 2007 (107 Kb)

Describes the membership, roles and responsibilities, reporting relationships, deliverables and timetables, principles of membership, and decision-making processes of the FREP Quality Management Team.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/QM_FREP_QM_Team_Terms_of_Reference_08-Nov-07.pdf

Process Management

Annual Planning Cycle
Portable Document Format; December 2008 (128 Kb)

Process map of FREP's annual planning cycle.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/FREP-Annual-Planning-Cycle.pdf

How to Make a Process Map
Portable Document Format; Version 1.1, January 2008 (31 Kb)

Process of creating a process map.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/PM_Creating-Process-Map.pdf

FREP Website Updates and Posting Procedures
Portable Document Format; Version 1.1, January 2008 (32 Kb)

Process map of website updates and posting procedures.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/PM_Process-Map-FREP-Website-Updates.pdf

FREP Data Entry
Portable Document Format; November 2008 (265 Kb)

Process map of data entry procedures for FREP Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/FREP-Data-Entry-Process-Map.pdf

FREP Checklist and Data Management

Portable Document Format; November 2008 (38 Kb)

Process map of data entry, validation, and verification.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/FREP-Checklist-Data-Management.pdf

FREP IMS Data Entry Training (Branch)

Portable Document Format; Version 1.0 November 2008 (245 Kb)

Process map of data entry training procedures.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/IMS-Data-Entry-Training-Process-Map.pdf

RSM Monthly Conference Call

Portable Document Format; Version 1.1 January 2008 (25 Kb)

Process map of monthly conference call (RSM) procedures.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/PM_RSM-Conference-Calls-Process-Map.pdf

FREP Listserv Process Map

Portable Document Format; Version 1.1 January 2008 (26 Kb)

Process map of listserv procedures.

http://www.for.gov.bc.ca/hfp/frep/site_files/qmgmt/PM_Listserv-Process-Map.pdf

Information Management System

About the FREP Information Management System

Project Manager Updates

Project Manager's Update (June, 2008)
Portable Document Format; June 2008 (91 Kb)

Manager's periodic update of developments with FREP's Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/IMS_PM_Update_20-Jun-08.pdf

Project Manager's Update (March, 2008)
Portable Document Format; March 2008 (140 Kb)

Manager's periodic update of developments with FREP's Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/IMS_PM_Update_4-Mar-08.pdf

Project Manager's Update (November, 2007)
Portable Document Format; November 2007 (124 Kb)

Manager's periodic update of developments with FREP's Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/IMS_PM_Update_13-Nov-07.pdf

Project Manager's Update (September, 2007)
Portable Document Format; September 2007 (105 Kb)

Manager's periodic update of developments with FREP's Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/IMS_PM_Update_17-Sept-07.pdf

Project Manager's Update (May 2007)
Portable Document Format; May 2007 (167 Kb)

Manager's periodic update of developments with FREP's Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/IMS_PM_Update_4-May-07.pdf

Project Manager's Update (February 2007)
Portable Document Format; February 2007 (197 Kb)

Manager's periodic update of developments with FREP's Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/IMS_PM_Update_19-Feb-07.pdf

Project Manager's Update (December 2006)
Portable Document Format; December 2006 (47 Kb)

Manager's periodic update of developments with FREP's Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/IMS_PM_Update_14-Dec-06.pdf

Policies and Procedures

Forest and Range Evaluation Program RSM Data Sharing Agreement
Portable Document Format; April 2008 (184 Kb)

Form for RSM data requests.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/IMS_Data-Sharing-Agreement-Apr2008.pdf

Policy and Procedures Regarding Attachments to Checklists Submitted in IMS
Portable Document Format; May 2008 (159 Kb)

Procedures regarding attachments to checklists submitted to Information Management System.
http://www.for.gov.bc.ca/hfp/frep/site_files/ims/PolicyProcedure_Attachments_12-May-08.pdf

IMS Training Centre

FREP IMS Training Activity: Add Stand-level Biodiversity Checklist
Portable Document Format; Release 3.2, July 2008 (338 Kb)

Step-by-step actions to take in FREP IMS when adding data from a stand-level biodiversity checklist.
http://www.for.gov.bc.ca/hfp/frep/site_files/imstraining/R3-2-ACTIVITY-Accept-a-Site-and-Add-SLBD-Checklist-NEW.pdf

FREP IMS Training Activity: Accept a Site and Add Water Quality Checklist
Portable Document Format; Release 4, November 2008 (343 Kb)

Step-by-step actions to take in FREP IMS when adding data from a water quality checklist.
http://www.for.gov.bc.ca/hfp/frep/site_files/imstraining/R4-ACTIVITY-Accept-a-Site-and-Add-Water-Quality-Checklist.pdf

FREP IMS Training Activity: Accept a Site and Add Riparian Checklist
Portable Document Format; Release 3.2, August 2008 (335 Kb)

Step-by-step actions to take in FREP IMS when adding data from a riparian quality checklist.
http://www.for.gov.bc.ca/hfp/frep/site_files/imstraining/R3-2-ACTIVITY-Accept-a-Site-and-Add-Riparian-Checklists-NEW.pdf

FREP IMS Training Activity: Target a Site
Portable Document Format; Release 3.2, May 2008 (180 Kb)

Step-by-step actions to take in FREP IMS when targeting a site from the random list.
http://www.for.gov.bc.ca/hfp/frep/site_files/imstraining/R3-2-ACTIVITY-Target-a-Site.pdf

Stand-level Biodiversity Checklist: Quick Reference
Portable Document Format; April 2007 (142 Kb)

Step-by-step guide to checklist data entry.
http://www.for.gov.bc.ca/hfp/frep/site_files/imstraining/StandLevelBiodiversity_QRC.pdf

Riparian Checklist: Quick Reference
Portable Document Format; April 2007 (160 Kb)

Step-by-step guide to checklist data entry.
http://www.for.gov.bc.ca/hfp/frep/site_files/imstraining/Riparian_QRC.pdf

Program and Project Management

Forest and Range Evaluation Program

FRPA Resource Evaluation Program Charter
Portable Document Format; Version 1.1, September 2003 (353 Kb)

Defines the purpose, objectives, scope, deliverables, stakeholders, structure, and management of the Forest and Range Evaluation Program as approved by the Chief Forester of British Columbia.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Charter_v1.1_24-Sep-03.pdf

FREP 5 Year Strategic Plan

Forest and Range Evaluation Program 5-Year Strategic Plan, 2007–2011
Portable Document Format; September 2007 (690 Kb)

Outlines the priorities and performance measures for FREP with a focus on the next 5 years.
http://www.for.gov.bc.ca/hfp/frep/site_files/library/FREP_5yr_Strategic_Plan_Sept2007.pdf

Overview: Our People: Impact, Influence, Sustainability
Portable Document Format; April 2008 (38 Kb)

Diagram: overview of people-focus strategic theme.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/diagram-Silviculture-overview.pdf

Our People: Impact, Influence, Sustainability
Portable Document Format; April 2008 (83 Kb)

Diagram: details of people-focus strategic theme.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/diagram-Silviculture.pdf

FREP Logic Model
Portable Document Format; Version 1, October 2007 (15 Kb)

Flow diagram of FREP resources, goals, deliverables, impacts, and vision.
http://www.for.gov.bc.ca/hfp/frep/site_files/library/FREP_Logic_Model-oct2007.pdf

FREP Work Plan

Forest and Range Evaluation Program 2008/2009 Workplan and Improvement Plan
Portable Document Format; Version 1.3 July 2008 (417 Kb)

Provides a comprehensive overview of FREP's priority activities for 2008/2009.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Workplan_Jul-04-08.pdf

FRPA Resource Evaluation Program 2007/2008 Workplan
Portable Document Format; July 2007 (474 Kb)

Provides a comprehensive overview of FREP's priority activities for 2007/2008.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Workplan_Jul-04-07.pdf

FRPA Resource Evaluation Program 2006/2007 Workplan
Portable Document Format; April 2006 (609 Kb)

Provides a comprehensive overview of FREP's priority activities for 2006/2007.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Workplan_Feb-14-06.pdf

FREP Business Maps

Continuous Improvement of Forest Practices, Policy and Legislation
Portable Document Format; Version 1, March 2008 (24 Kb)

Business map illustrates the function of FREP and how key stakeholders participate in provincial evaluations of the 11 resource values identified under the *Forest and Range Practices Act*.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/FREP-CI-Practices-Policy-Legislation-2008.pdf

FREP High-level Processes
Portable Document Format; February 2006 (131 Kb)

A detailed flow chart of the business process of FREP.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Business_Map-High_Level_Process.pdf

Simple Flow Chart of FREP Interactions
Portable Document Format; July 2005 (35 Kb)

A simplified flow chart of the business process of FREP.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Business_Map-Simple_Flow_Chart.pdf

Working Group Terms of Reference

Forest and Range Evaluation Program Working Group Terms of Reference
Portable Document Format; September 2007 (198 Kb)

Outlines roles and responsibilities of FREP Working Group.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_FREWG_Sept-07-07.pdf

Roles of the Forest Practices Board and FREP in Effectiveness Evaluations

Map of FREP and FPB Roles in the Development and Implementation of RSM Indicators
Portable Document Format; Version 1, February 2005 (65 Kb)

A flow chart of the roles and responsibilities of FREP and the FPB in the development and implementation of indicators for effectiveness evaluations and resource stewardship monitoring.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_and_FPB_Roles_in_Indicator_Development_Process.pdf

Table of FREP and FPB Roles in Effectiveness Evaluations
Portable Document Format; Version 2, November 2004 (98 Kb)

Table clarifying the similarities and differences between the roles of FREP and the FPB in conducting effectiveness evaluations.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_and_FPB_Roles_in_Effectiveness_Evaluations.pdf

Terms of Reference: Forest Practices Board Assessment of FREP
Portable Document Format; June 2005 (41 Kb)

Describes the purpose, objectives, roles and responsibilities, deliverables, and timetables for a Forest Practices Board assessment of FREP to identify strengths and weaknesses in program structure and framework.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FPB_Assessment_of_FREP_Terms_of_Reference.pdf

Evaluating Forest and Range Practices in British Columbia: Defining the Roles and Responsibilities of the FRPA Resource Evaluation Program and the Forest Practices Board
Portable Document Format; Version 3, April 2006 (42 Kb)

Defines the roles and responsibilities of FREP and the Forest Practices Board for evaluating forest and range practices in British Columbia.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-Comparison_of_FPB_and_FREP_Monitoring_Programs.pdf

FREP Resource Value Teams

FRPA Resource Evaluation Program: Resource Value Teams Roles and Responsibilities
Portable Document Format; April 2005 (121 Kb)

Describes the purpose, reporting relationships, responsibilities, principles of membership, decision-making processes, and deliverables of Resource Value Teams.
http://www.for.gov.bc.ca/hfp/frep/site_files/values/FREP_Resource_Value_Teams_Terms_of_Reference.pdf

FREP Communications Plan

FREP Operational Communications Plan
Portable Document Format; Version 2.1, October 2006 (210 Kb)

Outlines the communications objectives for FREP and provides general guidance on the communication of FREP activities and products.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Communications_Plan.pdf

Tools and Templates

Terms of Reference Template
Microsoft Word Document; June 2008 (80 Kb)

Template to outline roles and responsibilities of working groups.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP-Terms-of-Reference-Jun-27-2008.doc

Project Plan Template
Microsoft Word Document; May 2006 (55 Kb)

Major deliverable of the Project Planning Phase. It describes how the project will be managed.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Project_Plan_Template.doc

Workplan Template (2006)

Microsoft Word Document; May 2006 (279 Kb)

Template to plan the work schedule and monitor the project progress throughout the project life cycle.

http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-FREP_Workplan_Template.doc

PUBLICATIONS

Summary of Forest and Range Evaluation Program Projects 2006/07
Portable Document Format; Version 1, July 2006 (43 Kb)

Projects under way for fiscal year 2006/2007.
http://www.for.gov.bc.ca/hfp/frep/site_files/pmgmt/PM-Approved_Projects_Summary_20-Jul-06.pdf

FREP Reports

FREP Report 1: Baseline Datasets for Evaluating Wildlife Tree Patches
Portable Document Format; November 2004 (1.56 Mb)

Compiles existing datasets on tree and snag densities in unmanaged Coastal Western Hemlock, Engelmann Spruce–Subalpine Fir, and Interior Cedar-Hemlock forests to allow baseline comparisons with wildlife tree patch effectiveness monitoring conducted by the Ministry of Forests. Prepared by Dave Huggard.
http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_01.pdf

FREP Report 2: Preliminary Assessment of the Effectiveness of Wildlife Tree Retention on Cutblocks Harvested between 1999 and 2001 under the Forest Practices Code
Portable Document Format; February 2005 (4.13 Mb)

Preliminary assessment of the adequacy of the provincial Wildlife Tree Policy as a coarse-filter mechanism for conserving habitat for wildlife tree-dependent species; this project addresses the biological effectiveness of policy and resulting stand management practices. Prepared by Marlene Machmer and Christoph Steeger, Pandion Ecological Research Ltd.
http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_02.pdf

FREP Report 3: Evaluation of Cutblock Sizes Harvested under the Code in British Columbia 1996–2002
Portable Document Format; July 2005 (1.31 Mb)

Assesses average cutblock size, trends in silvicultural systems, and the effectiveness of the 40/60 rule based on RESULTS data from 43 000 cutblocks harvested between 1996 and 2002. Prepared by Klasen Forest Consulting.
http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_03.pdf

FREP Report 4: Geographical Information Systems Needs Assessment
Portable Document Format; August 2006 (985 Kb)

Outlines the value of incorporating the use of geographical information systems into the Forest and Range Evaluation Program. Prepared by Lisa Levesque.
http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_04.pdf

FREP Report 5: Recreation Site Effectiveness Evaluation Project
Portable Document Format; October 2006 (2.04 Mb)

Reports results of the Recreation Site Effectiveness Evaluation Pilot Project, which was designed to gather baseline information about the current state of Ministry of Forests and Range recreation sites, and to evaluate the effectiveness of current recreation site management policies and practices within British Columbia. Prepared by Lisa Levesque.
http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_05.pdf

FREP Report 6: Range Effectiveness Evaluations 2004 – Part 1. An Evaluation of Range Use Plan Content in Four Forest Districts in British Columbia

Portable Document Format; March 2005 (150 Kb)

Evaluates a selection of Range Use Plans from four representative areas of the province to determine whether current plan meets Forest Practices Code content requirements. Prepared by Doug Fraser.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_06.pdf

FREP Report 7: State of Cutblocks: Resource Stewardship Monitoring for Stand-level Biodiversity 2005

Portable Document Format; April 2007 (3.37 Mb)

Provides a proof of concept for a provincial summarization of the stand-level biodiversity resource stewardship monitoring under the Forest and Range Evaluation Program. Prepared by Nancy Densmore.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_07.pdf

FREP Report 8: Range Effectiveness Evaluations 2004 – Part 2. An Evaluation of Rangeland Health and Effectiveness of Plant Residue in Protecting Resource Values

Portable Document Format; March 2005 (1.65 Mb)

Surveys a number of representative *Range Act* agreement areas in four forest districts during September and October 2004 to evaluate stubble height (plant residue) and its effectiveness in protecting resource values and its relationship to rangeland health, with focus on key areas or special management zones as identified in range use plans. Prepared by Doug Fraser.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_08.pdf

FREP Report 9: An Evaluation of the Reforestation Strategies of the Fort St. John Pilot Project

Portable Document Format; September 2006 (1.38 Mb)

Examines whether the indicators of reforestation as outlined in the Fort St. John Pilot Project Sustainable Forest Management Plan are achieving the stated objectives by analyzing and comparing the information within the Project's Annual Report and Ministry of Forests and Range RESULTS and FTA databases. Prepared by Allan Powelson, Patrick Martin, Winn Hays-Byl, Elizabeth Hunt, Jacek Bankowski, and Anna Monetta.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_09.pdf

FREP Report 10: Stand-level Biodiversity Monitoring in 44 Large Cutblocks in the Central Interior of British Columbia

Portable Document Format; September 2007 (512 Kb)

Presents monitoring results for 44 large cutblocks (> 100 ha) harvested between 1995 and 2005, which represents a baseline of stand-level biodiversity on large cutblocks. Prepared by Nancy Densmore, Wendy Bergerud, and Amanda Linnell Nemec.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_10.pdf

FREP Report 12: Worker Safety Impacts Associated with Legislation, Policy, Planning and Implementation of Forest Harvesting Activities in British Columbia

Portable Document Format; November 2007 (2.02 Mb)

Presents the results of an evaluation project that investigated some reasons behind recent deaths and injuries in British Columbia's forest sector. Prepared by Gerrard Olivotto, Bill Belsey, and Peter Bradford.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_12.pdf

FREP Report 13: Are Free-Growing Stands Meeting Timber Productivity Expectations in the Lakes Supply Area?

Portable Document Format; May 2008 (3.6 Mb)

Determines whether the reliance placed on the policy of free-growing declaration is supported by stand performance from a timber yield perspective through the examination of 60 randomly selected free-growing stands in the Lakes Timber Supply Area. Prepared by Alex Woods and Wendy Bergerud.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_13.pdf

FREP Report 14: Tree Species Composition and Diversity in British Columbia

Portable Document Format; August 2008 (6.96 Mb)

Compares species composition of monocultures and mixed tree species stands before and after harvest to examine the question: "are our forest management practices resulting in a substantial change in the tree species composition of our forests?" Prepared by Timberline Forest Inventory Consultants.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_14.pdf

FREP Report 15: Sampling Intensity for Stand-level Biodiversity Surveys

Portable Document Format; April 2008 (2.22 Mb)

Assesses the validity of the recommended plot sample intensity through a thorough examination of two harvested cutblocks using FREP's sampling methodology for stand-level biodiversity monitoring. Prepared by Nancy Densmore and Amanda Linnell Nemec.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_15.pdf

FREP Report 17: Resource Stewardship Monitoring: Stand-level Biodiversity Analysis of 2005/2006 Field Season Data by Biogeoclimatic Zone

Portable Document Format; November 2008 (4.05 Mb)

Presents an analysis of stand-level biodiversity resource stewardship monitoring results (2005/2006 field season) for 643 cutblocks from eight biogeoclimatic zones. Prepared by Nancy Densmore and Amanda Linnell Nemec.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_17.pdf

FREP Report 18: A Review of Forest Stewardship Plan Results and Strategies for the Cultural Heritage Resource Value

Portable Document Format; November 2008 (2.62 Mb)

Reviews a subset of the approved Forest Stewardship Plan results and strategies for the cultural heritage value. Prepared by Lisa Levesque.

http://www.for.gov.bc.ca/hfp/frep/site_files/reports/FREP_Report_18.pdf

FREP Report Summaries

FREP Report Summary 1: Evaluating Forest Management in British Columbia
Portable Document Format; February 2004 (887 Kb)

Provides an overview of FREP's structure, discusses internal and external stakeholder roles, and presents a few examples of evaluation projects conducted during 2003.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_01.pdf

FREP Report Summary 2: Routine/ Extensive Indicator Workshop
Portable Document Format; March 2004 (69 Kb)

Outlines the results of an indicator development workshop held in January 2004, including the characteristics of a good indicator and a seven-step process for developing and implementing indicators.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_02.pdf

FREP Report Summary 3: 2003–2004 Year in Review
Portable Document Format; March 2004 (96 Kb)

FREP annual report for 2003/2004.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_03.pdf

FREP Report Summary 4: Resource Stewardship Monitoring Pilot Project 2004/2005
Portable Document Format; September 2004 (115 Kb)

Reports on pilot project to test proposed model of resource stewardship monitoring and determine whether the monitoring protocols meet district and regional needs.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_04.pdf

FREP Report Summary 5: Forest Certification and the FRPA Resource Evaluation Program
Portable Document Format; January 2005 (115 Kb)

Summarizes results and recommendations flowing from an investigation of the relationship between evaluations and monitoring conducted under FREP, and the monitoring and assessment of sustainable forest management practices associated with forest certification.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_05.pdf

FREP Report Summary 6: Baseline Datasets for Evaluating Wildlife Tree Patches
Portable Document Format; May 2005 (132 Kb)

Summarizes results of FREP Report No. 1, which compiled existing datasets on tree and snag densities in unmanaged Coastal Western Hemlock, Engelmann Spruce–Subalpine Fir, and Interior Cedar-Hemlock forests to allow baseline comparisons with wildlife tree patch effectiveness monitoring conducted by the Ministry of Forests.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_06.pdf

FREP Report Summary 7: Preliminary Assessment of the Effectiveness of Wildlife Tree Retention on Cutblocks Harvested Between 1999 and 2001 under the Forest Practices Code
Portable Document Format; May 2005 (124 Kb)

Summarizes results of FREP Report No. 2, which was a preliminary assessment of the adequacy of the provincial Wildlife Tree Policy as a coarse-filter mechanism for conserving habitat for wildlife tree-dependent species.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_07.pdf

FREP Report Summary 8: Evaluation of Cutblock Sizes Harvested under the Code in British Columbia 1996–2002

Portable Document Format; July 2005 (204 Kb)

Summarizes results of FREP Report No. 3, which assessed average cutblock size, trends in silvicultural systems, and the effectiveness of the 40/60 rule based on RESULTS data from 43 000 cutblocks harvested between 1996 and 2002.

http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_08.pdf

FREP Report Summary 9: Resource Stewardship Monitoring Pilot Tests

Portable Document Format; July 2006 (813 Kb)

Summarizes the proceedings of a workshop held in Victoria (February 22–23, 2005) to discuss the results of resource stewardship monitoring protocol testing conducted during the fall of 2004 for riparian-fish, stand-level biodiversity, and soils.

http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_09.pdf

FREP Report Summary 10: 2004–2005 Year in Review

Portable Document Format; May 2005 (163 Kb)

FREP annual report for 2004/2005.

http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_10.pdf

FREP Report Summary 11: Quality Assurance for Resource Stewardship Monitoring

Portable Document Format; February 2006 (132 Kb)

Details the manner in which quality assurance procedures are applied to various steps in the resource stewardship monitoring process.

http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_11.pdf

FREP Report Summary 12: Recreation Site Effectiveness Evaluation Project

Portable Document Format; January 2007 (265 Kb)

Summarizes FREP Report No. 5, which analyzed the Recreation Site Effectiveness Evaluation Pilot Project, a project designed to gather baseline information about the current state of Ministry of Forests and Range recreation sites, and to evaluate the effectiveness of current recreation site management policies and practices within British Columbia.

http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_12.pdf

FREP Report Summary 14: Stand-level Biodiversity Monitoring in 44 Large Cutblocks in the Central Interior of British Columbia

Portable Document Format; September 2007 (360 Kb)

Summarizes FREP Report No. 10, which presented monitoring results for 44 large cutblocks (> 100 ha) harvested between 1995 and 2005.

http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_14.pdf

FREP Report Summary 15: Worker Safety Impacts Associated with Legislation, Policy, Planning and Implementation of Forest Harvesting Activities in British Columbia
Portable Document Format; November 2007 (815 Kb)

Summarizes FREP Report No. 12, which presented the results of an evaluation project that investigated the reasons behind recent deaths and injuries in British Columbia's forest sector.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_15.pdf

FREP Report Summary 16: Are Free-Growing Stands Meeting Timber Productivity Expectations in the Lakes Supply Area?
Portable Document Format; April 2008 (786 Kb)

Summarizes FREP Report No. 13, which determined whether the reliance placed on the policy of free-growing declaration is supported by stand performance from a timber yield perspective through the examination of 60 randomly selected free-growing stands in the Lakes Timber Supply Area.
http://www.for.gov.bc.ca/hfp/frep/site_files/extension/FRPA_Evaluator_Extension_Note_16.pdf

FREP Discussion Papers

FRPA Resource Evaluation Program: Activities at the Regional and District Level
Portable Document Format; April 2004 (611 Kb)

Discusses the roles and responsibilities of regions and districts for resource stewardship monitoring and intensive evaluations under FREP.
http://www.for.gov.bc.ca/hfp/frep/site_files/discussion/FREP_Discussion_Paper_Activities_at_the_Regional_and_District_Level.pdf

FREP Technical Guidance

FREP Technical Guidance 1: Developing and Implementing Effectiveness Evaluation Indicators
Portable Document Format; April 2004 (120 Kb)

Outlines the results of an indicator development workshop held in January 2004, including the characteristics of a good indicator and a seven-step process for developing and implementing indicators.
http://www.for.gov.bc.ca/hfp/frep/site_files/technical/FRPA_Evaluator_Technical_Note_01.pdf

FREP Technical Guidance 2: FRPA Resource Evaluation Program Terminology
Portable Document Format; September 2004 (241 Kb)

Clarifies some of the terminology commonly used in the resource evaluation field, particularly those terms used in the Forest and Range Evaluation Program.
http://www.for.gov.bc.ca/hfp/frep/site_files/technical/FRPA_Evaluator_Technical_Note_02.pdf

FREP Technical Guidance 3: Why the Units We Evaluate Should be Randomly Selected
Portable Document Format; October 2004 (170 Kb)

Summarizes various sampling designs and discusses why units chosen for monitoring should be selected in a random manner.
http://www.for.gov.bc.ca/hfp/frep/site_files/technical/FRPA_Evaluator_Technical_Note_03.pdf

FREP Newsletters, Years in Review, and Annual Reports

FREP Newsletter 1: Resource Stewardship Monitoring 2006 Continuous Improvement Workshop
Portable Document Format; July 2006 (694 Kb)

Summarizes the proceedings of a resource stewardship monitoring continuous improvement workshop held February 28–March 1, 2006.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter_01_July-2006.pdf

FREP Newsletter 2: 2005/2006 Year in Review
Portable Document Format; July 2006 (340 Kb)

FREP annual report for 2005/2006.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter_02_July-2006.pdf

FREP Newsletter 3: 2005/06 Forest and Range Evaluation Program Quality Assurance and Quality Control Annual Report
Portable Document Format; August 2006 (352 Kb)

Summarizes all quality-related resources and activities for the Forest and Range Evaluation Program for the fiscal year 2005 ending March 31, 2006.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter_03_August-2006.pdf

FREP Newsletter 4: Forest and Range Evaluation Program Cultural Heritage Resources Pilot Project
Portable Document Format; June 2007 (976 Kb)

Provides a high-level introduction to the Cultural Heritage Resources Pilot Project.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter_04_June-2007.pdf

FREP Newsletter 5: 2006/07 Forest and Range Evaluation Program Quality Assurance and Quality Control Annual Report
Portable Document Format; June 2007 (976 Kb)

Summarizes all quality-related resources and activities for the Forest and Range Evaluation Program for the 2006/07 fiscal year.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter_05_June-2007.pdf

FREP Newsletter 6: 2006/07 Year in Review
Portable Document Format; July 2007 (1.9 Mb)

FREP annual report for 2006/2007.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter_06_July-2007.pdf

FREP Newsletter 7: Developing a Process Indicator Framework for Cultural Heritage Resource Management
Portable Document Format; January 2008 (1.58 Mb)

Provides a brief overview of the Cultural Heritage Resources Pilot Project under FREP, with a specific focus on the work of the "Process Indicator" Working Group.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter07_Jan-2008.pdf

FREP Newsletter 8: Quality Management Series – A Focus on People: Striving for Excellence
Portable Document Format; June 2008 (2.1 Mb)

Explores the FREP "people-focus" strategic theme.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter08_QMS_Jun-2008.pdf

FREP Newsletter 9: 2007/08 Year in Review
Portable Document Format; July 2008 (464 Kb)

FREP annual report for 2007/2008.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter09-YinR-Jul-16-2008.pdf

FREP Newsletter 10: Cultural Heritage Resource Stewardship Monitoring: Taking the First Steps in the Field
Portable Document Format; August 2008 (1.8 Mb)

Describes several ongoing projects and initiatives that the Cultural Heritage Resource team will be engaged in during 2008/2009.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter10-Aug-06-2008.pdf

FREP Newsletter 11: 2007/08 Forest and Range Evaluation Program Quality Management Annual Report
Portable Document Format; August 2008 (1.0 Mb)

Summarizes all quality-related resources and activities for the Forest and Range Evaluation Program for the 2007/08 fiscal year.
http://www.for.gov.bc.ca/hfp/frep/site_files/newsletters/FREP_Newsletter11-QM-Annual-Report-Aug2008.pdf