



FOREST BIOMETRICS RESEARCH INSTITUTE

4033 SW Canyon Road
Portland, Oregon 97221

A Non-Profit Research Corporation since 2002
For the advancement of research, education and service in forest biometrics

April 3, 2019

To: All FPS Users
From: Jim Arney
Subject: Release of FPS Version 7.55 – repairs and enhancements

We have been recording your comments, questions and requests regarding our FPS Software Suite throughout 2018. We have completed a broad array of refinements and additions.

We highly recommend that you download FPS Version 7.55 from the FBRI website. The Install package will set up in Demo mode until you apply your 2019 Activation Code from Portland.

As you all may know, FPS Version 7.50 + is based on the 2017 Release of the FPS Universal Library. This Region and Species-specific parameter library is based on one of the largest permanent plot research databases in the West. Databases cover 26 tree species in six western States and two Canadian Provinces.

The Forest Projection and Planning System (FPS) is the most used, fully integrated forest management system currently available from any source throughout the West and beyond.

In a continuing effort to be a quantitative forestry “center of excellence”, the FBRI is releasing an update to the FPS software suite, identified as Version 7.55. Significant updates include:

- 1) A complete tutorial and sample database for conducting a full suite of reports (harvest, growth, GIS updates and new cruises) for each Year-end close of your FPS Inventory.
- 2) Repairs of all known bugs and requested additions observed throughout 2018.
- 3) Distribution of a more robust FPS database and report template for your use.
- 4) A tutorial for building a background SQL Server database allowing up to 16 Mbyte database capacities, which should service a one million acre forest inventory.
- 5) Enhanced and expanded tables and utilities for building/updating local SiteGrid layers.
- 6) Enhanced and expanded tables and utilities for building/updating polygon strata.
- 7) Expanded functionality for building/updating and verifying taper models.
- 8) Other edits, updates and additions are noted on the next page.

FBRI will continue to listen and interact with all forestry professionals in an effort to continually improve our libraries, software and services to the forestry profession.

Sincerely,

A handwritten signature in purple ink that reads "James D. Arney".

James D. Arney, PhD, President



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Some significant updates in FPS Version 7.55 include:

- a) Standardized Fps_Key primary keys for faster processing.
- b) Board gross bug fixes in standard reports
- c) Expanded functionality and accuracy in CashFlow reporting
- d) Defecting in percentages from 1 – 100%, not in 10% steps for cruise compiler
- e) Error corrections in Lump/Split mixed polygon aggregations
- f) Corrected updating in Harvest Scheduler outputs
- g) Repairs to macros for Year-end depletions and reporting
- h) Optional outputs for HabDens and DibCls tables from multiple routines
- i) Separation of all SiteGrid computations from standard Editor drop-downs
- j) Expanded options for search and edit of duplicate records
- k) Addition of TapHead, TapTree and TapForm tables for user access to taper models
- l) Addition of SiteTree and SiteStnd tables for user access to localizing SiteGrid layers
- m) Addition of XYMap table and Grow to Cruise Years for user access to Nelder plots
- n) Addition of components for FPS Enterprise Edition to build remotely generated polygons
- o) Allow down to 1 tree per 1,000 acres resolution for field cruises and growth updates
- p) Provide for auto-dissolve of polygon slivers when less than 0.1-acre in size
- q) Expand early silvicultural %height growth capacity to 30% – 150% of site capacity
- r) Enhanced SQL Server interface and documentation for building and maintaining linkage
- s) Addition of PlotList table for tracking individual cruise plots and tree lists