Measurement and Analysis Issues for Complex Stands of British Columbia, Canada

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What are **Complex Stands**?

Can be Natural Example: Interior Cedar Hemlock.



Or **Created**: Via Partial cutting Uneven-aged Douglas-fir. Northeast BC. Canada



Created: via Retention Harvesting Coastal BC, Canada

 Wildlife use •High spatial ■"Edges" difficult to



Ouestions About Complex Stands

Measurement and Analysis Issues

- Need for even longer term trials

Change Expectations



Experiments

Analysis is more

Sampling



Changes in Measurements and Analysis



unequal size (tree numb



Modelling Approaches

- Variable-Space Nearest Neighbour

Conclusions

Methods to measure and model these stands are being developed and used but are:

Selected References:

- Bennett, L.T. and M.A. Adams. 2004. Assessment of ecological effects due to forest harvesting: approaches and statistical issues. J. Appl. Ecol. 41: 585-598. Hassani, B., V. LeMay, P.L. Marshall, H. Temesgen, and A.A. Zumrawi. 2004. Regeneration imputation models for complex stands of southeastern British Columbia. Forestry Chronicle 80(20):271-278.