

## Poster presentation list

*Theme 1. Forest management, operations and engineering*

*Theme 2. Silviculture*

*Theme 3. Wildlife*

*Theme 4. Forest ecosystems*

*Theme 5. Modeling, growth and yield*

*Theme 6. Tree physiology, carbon and nutrient cycles and genetics*

1. **Relating blowdown to tree and stand level characteristics following a harvest inspired by an eastern spruce budworm, *Choristoneura fumiferana*, outbreak**  
Amos-Binks, L.J. and D.A. MacLean  
*Theme 4. Forest ecosystems*  
*Poster number: 21*
2. **Developing New Brunswick's protected areas strategy: a case study comparing views of the most influential forest policy makers**  
Ashton, B.  
*Theme 1. Forest management, operations and engineering*  
*Poster number: 1*
3. **TOPIQ database: a tool to evaluate functional response of forest ecosystems to human disturbances**  
Aubin, I., S. Gachet, C. Messier and A. Bouchard  
*Theme 4. Forest ecosystems*  
*Poster number: 22*
4. **Investigating the role of contextual interactions in forest ecosystem response using experimental mesocosms**  
Blodgett, C.A., D. Wang and C. Waite  
*Theme 4. Forest ecosystems*  
*Poster number: 23*
5. **Defects and indices of tree decay: a stem classification guide for tree markers and forest managers**  
**Boulet, B.**  
*Theme 2. Silviculture*  
*Poster number: 11*
6. **Relationships between nonnative invasive plant distribution, silvicultural treatment, and soil drainage in the northern conifer forest**

Bryce, E., L. Kenefic, A. Dibble, J. Brissette and W. Livingston

*Theme 2. Silviculture*

*Poster number: 12*

**7. Using site and climate variables to explain forest productivity in Nova Scotia**

Clowater, C.W., C.P.-A. Bourque, F.-R. Meng and E. Swift

*Theme 5. Modeling, growth and yield*

*Poster number: 27*

**8. Tree level diversity: do tree-level monocultures develop after canadian boreal silviculture?**

Dampier, J.E.E., N. Luckai, F. W. Bell and W. D. Towill

*Theme 1. Forest management, operations and engineering*

*Poster number: 2*

**9. Comparing site characteristics and hemlock recovery potential to a model of hemlock decline at the northern range of the hemlock woolly adelgid infestation**

DeMaio, S. and W. H. Livingston

*Theme 5. Modeling, growth and yield*

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**10. A second generation of genetically improved trees for boreal forest in Quebec**

Despots, M. and R. Beaudoin

*Theme 6. Tree physiology, carbon and nutrient cycles and genetics*

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**11. Assessing uncertainty of growth predictions for a single tree-based stand growth simulator**

Fortin, M., J. DeBlois and S. Bédard

*Theme 5. Modeling, growth and yield*

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**12. Zoning riparian areas and hydrosystems using an approach inspired from the triad**

Gagnon, P. and M. Darveau

*Theme 3. Wildlife*

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**13. Beech mortality and drought in Maine**

Kasson, M., W. H. Livingston and D. Struble

*Theme 4. Forest ecosystems*

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**14. Calibration and validation of the Forest Vegetation Simulator (FVS) using historical data for boreal species in Ontario**

Lacerte, V., G. R. Larocque, M. Woods, W.J. Parton and M. Penner  
*Theme 5. Modeling, growth and yield*  
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**15. Determinants of forest fire suppression costs in New Brunswick**

Lantz, V.A. and G. Slaney  
*Theme 1. Forest management, operations and engineering*  
*Poster number: 3*

**16. Updating northern Maine land cover data using satellite-based change detection techniques**

Legaard, K.R, E.M. Simons and S.A. Sader  
*Theme 1. Forest management, operations and engineering*  
*Poster number: 4*

**17. The effect of competition on individual tree basal area growth in mature stands of *Picea mariana* in northern Québec**

Mailly, D., M. Gaudreault and S. Turbis  
*Theme 5. Modeling, growth and yield*  
*Poster number: 31*

**18. Long-term responses of the herbaceous layer to different harvesting disturbances**

Mamashita, T. and M.R. Roberts  
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**19. Liming stop decline and increase growth of sugar maple**

Moore, J.-D. and R. Ouimet  
*Theme 6. Tree physiology, carbon and nutrient cycles and genetics*  
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**20. A comparative assessment of harvesting outcomes on eastern US NIPF**

Munsell, J. and R. Germain  
*Theme 1. Forest management, operations and engineering*  
*Poster number: 5*

**21. Acadian Forest Ecosystem Research Program: Studying the effects of expanding gap silviculture**

Olson, M.G., R.G. Wagner and M. R. Saunders  
*Theme 2. Silviculture*  
*Poster number: 14*

**22. Quality and productivity of our future hybrid larch: spin-offs from 35 years of larch breeding at the MRNF-Québec**

Perron, M.

*Theme 6. Tree physiology, carbon and nutrient cycles and genetics*

*Poster number: 36*

**23. From seeds to plantation: Thirty years of research development at the operational level to improve white spruce productivity**

Rainville, A., F. Colas, M.S. Lamhamedi, L. Tremblay, D. Tousignant, G. Prigent and J. Beaulieu

*Theme 6. Tree physiology, carbon and nutrient cycles and genetics*

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**24. Planted white pine and white spruce performance under various overstory retention levels in a high-graded mixedwood stand**

Roy, V. and M. Prévost

*Theme 2. Silviculture*

*Poster number: 15*

**25. Germination and seedling development patterns of six Acadian conifers in different microenvironments**

Schatz, J.

*Theme 6. Tree physiology, carbon and nutrient cycles and genetics*

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**26. Predicting rot and round-wood end use volume in trembling aspen (*Populus tremuloides* Michx.)**

Schneider, R., M. Riopel, D. Pothier and L. Côté

*Theme 5. Modeling, growth and yield*

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**27. Expanding the spruce budworm decision support system to include aerial spray costs, wood products, and carbon**

Slaney, G.L., V.A Lantz and D.A MacLean

*Theme 1. Forest management, operations and engineering*

*Poster number: 6*

**28. Planning timber harvest of residual forest stands without compromising bird and small mammal communities in boreal landscapes**

St-Laurent, M.-H., J. Ferron, S. Haché and R. Gagnon

*Theme 3. Wildlife*

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**29. How many trees did you plant today? An exploratory study of the factors affecting the productivity of a group planters working in the Abitibi and Outaouais regions of Quebec**

Stowe, D., F. Perreault, S. Carles, D. Dubeau, B. Parent and H. Margolis

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- 30. Genetic variability in the root architecture of 2+0 white spruce seedlings**  
 Stowe, D., S. Carles, J. Carignan, M. Lamhamedi, J. Beaulieu and H. Margolis  
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- 31. Dead wood dynamics and the legacy of spruce budworm outbreaks**  
 Taylor, S.L. and D.A. MacLean  
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- 32. Scarification and fertilization: Facelift creams for *Kalmia* heath?**  
 Thiffault, N.  
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- 33. Clonal forestry**  
 Tremblay, F. and F.M. Tremblay  
*Theme 6. Tree physiology, carbon and nutrient cycles and genetics*  
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- 34. Effects of forest clearcutting on salamander migration and dispersal**  
 Veysey, J.S. and K. Babbitt  
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- 35. The cooperative forestry research unit: 30 years of partnership between maine's forest managers and the University of Maine**  
**Wagner, R.G. and S.R. Meyer**  
*Theme 2. Silviculture*  
*Poster number: 17*
- 36. The influence of local-scale stand structure on growth and development of mixed red oak – white pine stands in Maine**  
 Waskiewicz, J., L. Kenefic and R. Seymour  
*Theme 5. Modeling, growth and yield*  
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- 37. Tolerant conifer regeneration on decaying wood: a perspective from the Acadian forest**  
 Weaver, J., L. Kenefic, J. Brissette and R. Seymour  
*Theme 4. Forest ecosystems*  
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- 38. Identifying selected internal log features from computed tomography images**

Wei, Q., Y.H. Chui, B. Leblon and S.Y. Zhang  
*Theme 1. Forest management, operations and engineering*  
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**39. Acquiring and testing multiband orthophotography (and integrated lidar) for production of enhanced forest inventories in the Great Lakes St. Lawrence Forest**

Woods, M., J. Pineau and P. Courville  
*Theme 1. Forest management, operations and engineering*  
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**40. Development and validation of a watershed forest management information system**

Zhang, Y. and P.K. Barten  
*Theme 1. Forest management, operations and engineering*  
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