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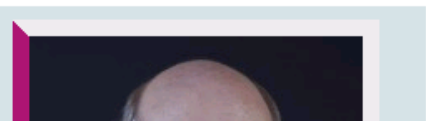
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## Research Keywords

- [communications](#) [microbiology](#)
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- [vertebrate ecology](#) [wood science](#)
- [ornithology](#) **[wood products](#)**
- [genomics](#)** [forest policy](#) [stand](#)
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- [landscape ecology](#) [silviculture](#)
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- [change sustainability](#)**
- [forest operations](#) **[ecology](#)** [soil](#)
- [science](#) [social science](#)
- [biodiversity](#)**





## Simon C Ellis

*Associate Professor*

*Program Director, BSc – Wood Products Processing program*

**Research Interests:** [wood anatomy](#), [wood products](#)

### Contact Info

[Teaching and Research](#)

[Publications](#)

[Department of Wood Science](#)

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My current research interests are in the general area of wood quality. In particular I am interested in approaches and techniques used to determine wood quality, and determining the effects of silvicultural treatments on the resulting wood quality. I also have an interest in the application of image analysis techniques to wood anatomy and wood composites. I have an ongoing interest in projects involving wood identification. I am also committed to the development of teaching techniques in wood science and technology and seek to improve both my abilities and the quality of our undergraduate program in these areas.

## Unit Associations

[Centre for Advanced Wood Processing CAWP](#)

## Professional Affiliations

Fellow, Institute of Wood Science

Forest Products Society FPS

Society of Wood Science and Technology

# Awards

3M National Teaching Fellow 2013

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## Current Courses

Summer 2013

No WOOD course(s) were found for S2013 term. Summer 2013

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No FRST course(s) were found for S2013 term.

## Selected Publications

*Sidhu, A. and S. Ellis. (2007). Evaluation of performance of phenol-melamine-formaldehyde resins for plywood.* – Forest Products Journal 57(10):58-63

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*Wang, B., C. Dai and S. Ellis (2006). Veneer surface roughness and compressibility pertaining to plywood/LVL manufacture. Part 1. Experimental investigation and implication.* – Wood and Fiber Science 38(3):535-545

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*Wang, B., S. Ellis and C. Dai (2006). Veneer surface roughness and compressibility pertaining to plywood/LVL manufacture. Part 2. Optimal panel densification.* – Wood and Fiber Science 38(4):727-735

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*Ellis, S.C., R.A. Kozak, W. Spetic and P.D. Evans (2006). Human Resource Needs and Demand for Post-Secondary Education in the Canadian Secondary Wood Products Industry.* – Wood and Fiber Science 38(1):5-16.

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*Wang, B., X. Zhou, C. Dai and S. Ellis. (2006). Air permeability of aspen veneer and glue-line. Experimentation and implication. (accepted 2006)* – Holzforchung 60:304-312

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*Ellis, S. and P. Steiner (2002). The behaviour of five wood species in compression* – Journal of the International Association of Wood Anatomists 23(2):201-211

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*Ellis, S. and R.A. Kozak (1999). A New Model for Undergraduate Wood Processing Education – The B.Sc. in Wood Products Processing at the University of British Columbia.* – Proceedings of the Fourth International Conference on the Development of Wood Science, Wood Technology and Forestry, High Wycombe, England (Forest Products Research Centre / University of Sopron). Proceedings 270-274.

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Ellis, S. (1998). **Mechanical properties of second-growth hemlock.** – Basic Wood Properties of Second-Growth Western Hemlock, Forintek Canada Corp. Special Publ. No. SP-38:44-49.

Ellis, S. (1997). **The effects of spray-drying parameters on some chemical and physical characteristics of powdered phenolformaldehyde resins.** – For. Prod. J. 46(9):69-75.

Song, Dongjin and Simon Ellis. (1997). **Localized properties in flakeboard: a simulation using stacked flakes.** – Wood & Fiber Science 29(4):353-363.

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