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Research Keywords

wood physics and drying forest <u>biology entomology wood science</u> engineering microbiology

forest management social

science wood products

<u>communities and livelihoods</u>

<u>SOİİ SCİENCE plant physiology forest</u>

<u>operations</u> business

management wood technology

<u>climate change landscape</u>

ecology genetics biodiversity

modelling population

demography ecology

economics genomics sampling

<u>design vertebrate ecology</u>

biotechnology communications

<u>remote sensing wood anatomy forest</u>

<u>measurements Silviculture</u>

<u>ornithology</u> <u>hydrology</u>

ecosystems forest policy

international trade stream and

riparian research biometrics

aboriginal forestry

<u>sustainability</u> wood durability

landscape planning stand

dynamics conservation



Dr Robert A Kozak

Head, Department of Wood Science Professor

Research Interests: <u>business management</u>, <u>communities and livelihoods</u>, <u>conservation</u>, <u>wood products</u>

Contact Info

Teaching and Research

<u>Publications</u>

Wood Science

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Forests and Communities in Transition (FACT)

Africa Forests Research Initiative on Conservation and Development (AFRICAD)

My research and teaching interests revolve around sustainable business management practices and issues and providing solutions to complex problems related to sustainable development, forestry, wood products and the emerging conservation economy.

Current research interests include:

- forest-dependent communities in transition
- international development & poverty alleviation
- value-added strategies
- forest certification & corporate social responsibility
- forest sector sustainability & competitiveness
- marketing, management & consumer behaviour

Unit Associations

Department of Wood Science
Centre for Advanced Wood Processing
Collaborative for Advanced Landscape Planning

Professional Affiliations

Canadian Institute of Forestry

Canadian Journal of Forest Research

Commonwealth Forestry Association

The Institute of Materials, Minerals and Mining

International Union of Forest Research Organizations

Journal of Forest Products Business Research

United Nations Economic Commission for Europe, Forestry and Timber Section

Awards

Fellow, The Institute of Materials, Minerals and Mining

Killam Teaching Prize 2001

The Sheth Foundation Best Paper Award (Co-Winner) 2007

Association of BC Forest Professionals, BC Forest Professional Magazine Best Article of the Year Award 2007

IUFRO Scientific Achievement Award 2014

Current Graduate Students

Antonia Barreau, MSc

Narrating Cultural Landscapes: Edible Plant Knowledge, Use, and Foodscape Storytelling in Rural Communities of the Southern Andean Temperate Forests, Chile

Gloria Borona, PhD

TBD (Co-Supervised with Dr Joleen Timko)

Justin Bull, PhD

The Environmental Impact of Media Consumption: Comparing Paper and Pixels

Hollie Carr, PhD

ren

D'Arcy Davis-Case, PhD

TBD

Kyle Hilsendager, PhD

Environmental and Resource Use Conflicts in British Columbia and Tasmania (Co-Supervised with Dr Howard Harshaw)

Erin McGuigan, PhD

Challenging Convention: Reviewing Decades of Socio-Economic Impact Assessment in Resource-Dependent British Columbia

Mariko Molander, MSc

Hospitality in Contemporary Canadian Settler Colonialism: Conflicts between Community Forest Agreements and Self-Determination of First Nations in British Columbia

Molly Moshofsky, MSc

Keeping up with Climate Change: Identifying the Range of Acceptable Human Interventions in Forested Ecosystems

Ana Elia Ramon Hidalgo, PhD

Community Ecotourism: The Role of Social Capital and Gender in Community Empowerment (Co-Supervised with Dr Howard Harshaw)

Maria Fernanda Tomaselli, PhD

Exploring Framing Effects on Public Attitudes towards an Ecological Economy

Andrea Vasquez Fernandez, MSc

Post Doctoral Fellows and Research Assistants

Dr Reem Hajjar (FACT) Dr Joleen Timko (AFRICAD)

Current Courses

Winter 2013

WOOD465 Wood Industry Business Management Sections



Business management concepts common in the forest products industry including marketing, customer research, product development and design.

Winter 2013

FRST231 Introduction to Biometrics Sections



Basic theories of probability and statistics. Sampling distribution, methods of estimation and hypothesis testing; goodness of fit and tests for independence; analysis of variance, regression and correlation.

Selected Publications

Panwar, R., E. Hansen and R.A. Kozak (2014). Evaluating Social and Environmental Issues by Integrating the Legitimacy Gap with Expectational Gaps: An Empirical Assessment of the Forest Industry. Business and Society, in press.

Vidal, N.G., R.A. Kozak and E.N. Hansen (2014). Adoption and Implementation of Corporate Responsibility Practices: A Proposed Framework. Business and Society, in press.

Timko, J.A. and R.A. Kozak (2014). Using a Gender Perspective to Explore Forest Dependence in Rural HIV/AIDS-Affected Malawian Households. Population and Environment, in press.

Tomaselli, M., R.A. Kozak, R. Hajjar, J. Timko, A. Jarjusey and K. Camara (2014). Small Forest-Based Enterprises in The Gambia: Opportunities and Challenges (Submitted Chapter in Forests Under Pressure: Local Responses to Global Issues, Galloway, G., P. Katila and G. Mery, Eds.). International Union of Forest Research Organizations (IUFRO) / World Forests, Society and Environment (WFSE), Vienna. Accepted, April 2013.

Bull, J.G. and R.A. Kozak (2014). The Meaning and Means of Environmental Sustainability for the Forest Sector: Drivers and Responses in a More Responsible World (Submitted Chapter in Challenges in Optimizing the Canadian Forest Value Chains). NSERC Value Chain Optimization Strategic Network, Québec City, Québec. Accepted, April 2013.

Kozak, R.A. (2014). What Now, Mr. Jones? Some Thoughts about Today's Forest Sector and Tomorrow's



Tikina, A., R.A. Kozak, J.L. Innes, P. Duinker and B. Larson (2012). Forest Certification in Canada: Perceptions of Provincial and Territorial Government Employees. The Forestry Chronicle 88(1):40-48. Alemagi, D., R. Hajjar, S. David and R.A. Kozak (2012). Benefits and Barriers to Certification of Community-Based Forest Operations in Cameroon: An Exploratory Assessment. Small-Scale Forestry 11(4):417-433. Hedge, R., G.Q. Bull, R.A. Kozak, T.C. Maness and S. Wunder (2012). Household Participation in a Paymentsfor-Environmental-Services Project: A Carbon Sequestration Project in Mozambique. Submitted to Environment and Development Economics, October 2012. Bernstein, S. and B. Cashore with R. Eba'a Atyi, A. Maryudi and K. McGinley, and T. Cadman, L. Gulbrandsen, D. Goehler, K. Hogl, D. Humphreys, S. Kant, R.A. Kozak, K. Levin, C. McDermott, M. Purdon, I. Scher, M. Stone, L. Tacconi and Y. Yasmi (2012). Complex Global Governance and Domestic Policies: Four Pathways of Influence. International Affairs 88(3):585-604. Tomaselli, M.F., J.A. Timko and R.A. Kozak (2012). The Role of Government in the Development of Small and Medium Forest Enterprises: Case Studies from The Gambia. Small-Scale Forestry 11(2):237-253. Robichaud, F., A. Richelieu and R.A. Kozak (2012). Branding as a Communications Strategy: A Framework for Desired Brand Identity. Journal of Brand Management 19(8):712-734. Robichaud, F., A. Richelieu and R.A. Kozak (2012). Wood Use in Nonresidential Construction: The Roles of Media and Content in Direct Marketing. Wood and Fiber Science 44(4):394-411. Bernstein, S. and B. Cashore, R. Eba'a Atyi, A. Maryudi and K. McGinley with T. Cadman, L. Gulbrandsen, D. Goehler, K. Hogl, D. Humphreys, S. Kant, R.A. Kozak, K. Levin, C. McDermott, M. Purdon, I. Scher, M. Stone, L. Tacconi and Y. Yasmi (2011). Examination of the Influences of the International Forest Regime at the Domestic Level (Chapter 7 in Embracing Complexity: Meeting the Challenges of International Forest Governance, Rayner, J., B. Alexander and P. Katila, Eds.). IUFRO World Series Volume 28, Vienna, pp. 111-135. Chen, J., A. Tikina, A, R.A. Kozak, J.L. Innes and B. Larson (2011). The Efficacy of Forest Certification: Perceptions of Canadian Forest Products Retailers. The Forestry Chronicle 87(5):636-643. Hajjar, R., D.G. McGrath, R.A. Kozak and J.L. Innes (2011). Framing Community Forestry Challenges with a Broader Lens: Case Studies from the Brazilian Amazon. Journal of Environmental Management 92(2011):2159-2169 Chen, J., J.L. Innes and R.A. Kozak (2011). An Exploratory Assessment of the Attitudes of Chinese Wood Products Manufacturers towards Forest Certification. Journal of Environmental Management 92(2011):2984-2992.



Tikina, A., R.A. Kozak, G.Q. Bull and B. Larson (2009). Perceptions of Change in the U.S. Pacific Northwest Forest Practices On Certified and Noncertified Holdings. Western Journal of Applied Forestry 24(4):187-192.

Lefaix-Durand, A. and R.A. Kozak (2009). Integrating Transactional and Relational Exchange into Exchange Orientation in Customer Relationships. Proceedings of the 2009 Academy of Marketing Annual Conference: Putting Marketing in its Place, Leeds, United Kingdom, May 2009. Proceedings #0049 (5 pp.)

Lefaix-Durand, A. and R.A. Kozak (2009). Comparing Customer and Supplier Perceptions of Value Offerings. Proceedings of 9th International Conference on Relationship Marketing, Berlin, Germany, September / October 2009. Proceedings 9 pp.

Lefaix-Durand, A. and R.A. Kozak (2009). Beyond Transaction and Relationship Marketing: Managing Interfirm Exchange. Proceedings of the 9th International Conference on Relationship Marketing, Berlin, Germany, September / October 2009. Proceedings 9 pp.

Vidal, N.G. and R.A. Kozak (2009). From Forest Certification to Corporate Responsibility: Adapting to Changing Global Competitive Factors. Proceedings of the XIII World Forestry Congress 2009: Forests in Development - A Vital Balance, Buenos Aires, Argentina, August 2009. Proceedings 9 pp.

Lefaix-Durand, A. and R.A. Kozak (2009). Towards the Development of an Exchange Management Capability. Proceedings of the 6th International Meeting of the Iberoamerican Academy of Management 2009, December 2009. Proceedings 16 pp.

Panwar, R., E. Hansen and R.A. Kozak (2009). A Framework Evaluating Social and Environmental Issues: Conceptual Refinement and Empirical Testing. Proceedings of the 2009 International Association of Business and Society Conference: Thinking like a Mountain - Nature, Humans, and Management, June 2009. Proceedings 7 pp.

Robichaud, F., A. Richelieu and R.A. Kozak (2008). Branding as a Lever in Emerging Market Segments: A Framework for Wood Products in Non Residential Construction. Proceedings of the European Marketing Academy, 37th Annual EMAC Conference: Marketing Landscapes - A Pause for Thought (Product and Brand Management, Session 6), Brighton, United Kingdom, May 2008. Proceedings #15792 (8 pp.).

Bowyer, J.L., H. Resch and F. Hirsch with N.G. Vidal and R.A. Kozak (2008). Policy Issues Related to Forest Products Markets in 2007 and 2008 (Chapter 2 in Forest Products Annual Market Review, 2007 - 2008). United Nations Publications, Geneva Timber and Forest Study 23, pp. 23-32.

Kozak, A, RA Kozak, C Staudhammer and SB Watts (2008). Introductory Probability and Statistics: Applications for Forestry and the Natural Sciences. CAB International, Wallingford, Oxfordshire, UK. 448 pp.

Tikina, A., R.A. Kozak and B. Larson (2008). What Factors Influence Obtaining Forest Certification in the U.S.

Pacific Northwest? Forest Policy and Economics 10(4):240-247.
Wong, D.C. and R.A. Kozak (2008). Particleboard Performance Requirements of Secondary Wood Products Manufacturers in Canada. Forest Products Journal 58(3):34-41.
Vidal, N.G. and R.A. Kozak (2008). Corporate Responsibility Practices in the Forestry Sector: Definitions and the Role of Context. Journal of Corporate Citizenship 31(Autumn 2008):59-75.
Spetic, W., R.A. Kozak and D.H. Cohen (2008). How Consumers Value Indoor Environmental Quality: A Preliminary Segmentation of Canadian Households. <i>Journal of Housing and the Built Environment 23(1):37-52.</i>
Kozak, R.A., W.C. Spetic, H.W. Harshaw, T.C. Maness and S.R.J. Sheppard (2008). Public Priorities for Sustainable Forest Management in Six Forest Dependent Communities of British Columbia. <i>Canadian Journal of Forest Research</i> 38(12):3071-3084.
Vidal, N.G. and R.A. Kozak (2008). The Recent Evolution of Corporate Responsibility Practices in the Forestry Sector. <i>The International Forestry Review</i> 10(1):1-13.
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Staudhammer, C., T.C. Maness and R.A. Kozak (2007). Profile Charts for Monitoring Lumber Manufacturing Using Laser Range Sensor Data. Journal of Quality Technology 39(3):224-240.
Hickey, G.M., J.L. Innes and R.A. Kozak (2007). Monitoring and Information Reporting for Sustainable Forest Management: A Regional Comparison of Stakeholder Perceptions. <i>Journal of Environmental Management 84</i> (4):572-585.
Alexiadis, P., D.H. Cohen, R.A. Kozak and S. Avramidis (2007). Kiln Drying Canadian Softwoods and Hardwoods: Different Species – Different Problems. <i>The Journal of Institute of Wood Science</i> 15(5):259-267.

Macdonald, I., M. Bullen and R.A. Kozak (2007). **Identifying Effective Pedagogical Approaches for Online Workplace Training: A Case Study of the South African Wood Products Manufacturing Sector.** *The*

Kozak, R.A. (2007). Value-Added Wood Products from British Columbia – Getting Beyond the Rhetoric. *BC Forest Professional* 14(1):12-13.

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Alexiadis, P., D.H. Cohen, R.A. Kozak, S. Avramidis and J. Welling (2007). **Canadian Kiln Drying Survey: Benchmarks of Problems and Issues and a Comparison to Europe.** *The Journal of Institute of Wood Science* 17 (4):183-193.

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Kozak, R.A. and K. Canby (2007). **Why China Prefers Logs: Explaining the Prevalence of Unprocessed Wood in China's Timber Imports.** Information Bulletin: China and East Asia. Forest Trends, Washington, DC. October 2007, Issue 9, 5 pp.

Molnar, A., R.A. Kozak and A. White (2007). **The Changing Face of Forest Industry and Trade.** *Arborvitae (the WWF/IUCN Forest Conservation Newsletter)* 33(May 2007):8-9.

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Spetic, W., R.A. Kozak and D.H. Cohen (2005). **Willingness to Pay and Preferences for Healthy Home Attributes in Canada.** *Forest Products Journal* 55(10):19-24.

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O'Connor, J., R.A. Kozak, C. Gaston and D. Fell (2004). **Wood Use in Nonresidential Buildings: Opportunities and Barriers.** *Forest Products Journal* 54(3):19-28.

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(USA). Proceedings 49-59.

Alexiadis, P., D.H. Cohen, R.A. Kozak, S. Avramidis and J. Welling (2004). **A Comparison of Kiln Drying Issues between Canada and Europe.** *Proceedings of the COST Action E15 5th International Conference on Wood Drying, Athens, Greece, April 2004. Proceedings 6-13.*

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(2004). Small Forest-Based Enterprises in The Gambia: Opportunities and Challenges.

Kozak, R.A. and H. Spelter (2003). **Globalization Revolutionizing Sawn Softwood Markets in 2002 – 2003 (Chapter 5 in UNECE/FAO Forest Products Annual Market Analysis, 2002 – 2004).** United Nations Publications, Volume LVI (2003), No. 3, pp. 45 – 54.

Cohen, D.H., N. Vidal, W. Spetic, R. Ide and R.A. Kozak (2003). **Preliminary Assessment of Japanese Homebuyer Segments Survey.** Canadian Mortgage and Housing Corporation International, Ottawa, Ontario. 37 pp.

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Cohen, D.H., C. Gaston and R.A. Kozak (2001). **Influence on Japanese Demand for Wood Products (Chapter 4 in Forest Products Annual Market Review, 2000 – 2001).** United Nations Publications, Volume LIV (2001), No. 3., pp. 33 – 42.

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