

BRUNO KANIESKI DA SILVA

Jordan Hall Addition, Room 4213. North Carolina State University
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EDUCATION

Doctor of Philosophy in Forestry and Environmental Resources **Expected Spring/2018**
Minor: Economics

North Carolina State University, NCSU
Advisors: Frederick W. Cabbage and Robert C. Abt

MSc in Silviculture and Forest Management. **May/2013**

University of São Paulo, USP, Brazil.
Thesis title: "Investments in timberland: Investors' strategies and economic perspective in Brazil."
Advisor: Luiz Carlos Estraviz Rodriguez

Forestry Engineer **December/2010**

Universidade Federal do Paraná, UFPR, Curitiba, Brazil.

Exchange Student (Undergraduate)

Technical University of Munich, TUM, Germany **2009**
University of Florida, UF **Fall/2008**

RESEARCH INTEREST

International trade of timber products, forest certification, timber market structure, economic development and environment, and econometrics methods applied to forest economics

RESEARCH EXPERIENCE

Graduate Research Assistant **2014 - Present**

Department of Forestry and Environmental Resources, NCSU

- Investigated the impact of forest certification on international trade of timber products
- Studied the oligopsony power in the wood market in the US South.

Graduate Research Assistant **2011 - 2012**

Departamento de Ciências Florestais, USP

- Designed and executed surveys on timberland investors perspective in the Brazilian market
- Collaborated with graduate student in field activities and statistics analysis

Undergraduate Research Assistant **2010**

Departamento de Ciências Florestais, UFPR

- Worked with graduate student to survey the stock and market of non-timber products in the state of Parana - Brazil

Undergraduate Research Assistant **2009**

Departamento de Ciências Florestais, UFPR

- Literature review and meta-analysis of agroforest in small-landowners in the state of Parana

Undergraduate Research Assistant **2008**

Departamento de Ciências Florestais, UFPR

- Measured ecological indicator areas of forest restoration

RESEARCH EXPERIENCE CONTINUED

Undergraduate Research Assistant

Jan/2007

Empresa Brasileira de Pesquisa Agropecuaria, EMBRAPA

- Data management and modelling forest stock in agroforest systems

TEACHING AND MENTORING

Undergraduate mentor, Forest Economics

Department of Forestry and Environmental Resources, NCSU

- Data collection and analysis in timber market power in the US South.
(1 Student)

Present

- How does the Forest Sector Impact Economic Growth? The case of Brazil.
(1 Student)

Summer/2015

Instructor, Forest Economics

Fall/2016

Department of Forestry and Environmental Resources, NCSU

- Prepared lectures and class activities focusing on Forest Economics problems for 20 Junior undergraduates
- Made and graded homework and exams

Teaching Assistant, Environmental Management

Fall/2012

Departamento de Ciências Florestais, USP

- Graded homework, exams and taught to student extra-classes.
- Assisted in the field activities

Instructor, Principle of Finances

Fall/2012

Faculdade de Administração, FAAL

- Prepared lectures and class activities focusing on Forest Economics problems for 20 Junior undergraduates
- Made and graded homework and exams

HONORS AND AWARDS

Arthur W. Cooper Graduate Fellowship for Excellence in Social Sciences

2017

Member of *Xi Sigma Pi* honor society

2015

GRANTS

Brazilian National Council for Scientific and Technological Development (CNPq)

Ph.D. scholarship at North Carolina State University, NCSU

2014

Erasmus Mundus scholarship: Exchange student at Technical University of Munich, TUM

2009

Brazilian National Council for Scientific and Technological Development (CNPq) scholarship to exchange student at University of Florida, UF

2008

PUBLICATIONS

Refereed Journals in Press or Published

- **KANIESKI, B.**; CUBBAGE, F. W.; RODRIGUEZ, L. C. E.; SINGLETON, C. *Timberland Investment Management Organizations: Business Strategies in Forest Plantations in Brazil*. Journal of Forestry, p.95-102, 2017.
- ROISE, J. P.; HARNISH, K.; MOHAN, M.; SCOLFORO, H.; CHUNG, J.; **KANIESKI, B.**; CATTS, G. P.; MCCARTER, J. B.; POSSE, J.; SHEN, T.. *Valuation and Production Possibilities on a Working Forest using Multi-objective programming, Woodstock, Timber NPV, and Carbon Storage and Sequestration*. Scandinavian Journal of Forest Research, v. 1, p. 1-16, 2016.
- CUBBAGE, F.W.; MAC DONAGH, P.; BALMELLI, G.; MORALES OLMOS, V.; BUSSONI, A.; RUBILAR, R.; DE LA TORRE, R.; LORD, R.; HUANG, J.; AFONSO HOEFLICH, V.; MURARA, M.; **KANIESKI, B.**; HALL, P.; YAO, R.; ADAMS, P.; KOTZE, H.; MONGES, E.; HERNÁNDEZ PÉREZ, C.; WIKLE, J.; ABT, R.; GONZALEZ, R.; CARRERO, O. *Global timber investments and trends, 2005-2011*. New Zealand Journal of Forestry Science, v. 44, p. S7, 2014.

WORKING PAPERS

- *Stewardship Standards: Voluntary Governance as a trade facilitation strategy?*
Expected submission: September/2017
- *Timber Market Structure in US South: Space-Time Analysis*
Expected submission: December/2017
- *Measuring Price Effect of Industry Concentration in Oligopsony of Timber Products.*
Expected submission: Spring/2018

CONFERENCE PRESENTATIONS

Oral Presentation

- **KANIESKI, B.**; CUBBAGE, F. W.; RODRIGUEZ, L. C. E.; SINGLETON, C. *Timberland Investment Management Organizations: Business Strategies in Forest Plantations in Brazil*. 02/27/2017, New Haven, CT.
- **KANIESKI, B.**; NOBRE, S. *Government actions to promote forest management: A case in Brazil*. 2016. In: 2016 ISTF Conference: Tropical Forest and Sustainable, 02/27/2016, New Haven, CT.
- **KANIESKI, B.**; CUBBAGE, F. W.; BOYS, K. *Impacts of Forest Certification on International Trade of Forest Products*. In: 2016 Meeting of the International Society of Forest Resource Economics, 04/03/2016, Raleigh, NC.
- **KANIESKI, B.**; CUBBAGE, F. W.; BOYS, K. *Stewardship Standards: Voluntary Governance as a trade facilitation strategy?* In: 2016 Agricultural and Applied Economics Association, 08/02/2016, Boston, MA.
- **KANIESKI, B.**, NOBRE, S.; RODRIGUEZ, L. C. E.; SINGLETON, C.; WELKER, J. *TIMO investments in Brazil: Status and prospects for the future*. In: Southern Forest Economics Workers Meeting, 05/05/2012, Charlotte, NC

- **KANIESKI, B.;** BOYS, K. A.; CUBBAGE, F. W. *The impact of Forest Certification on International Trade of Forest Products*. In: 2016 Meeting of the International Society of Forest Resources Economics, 2016, Raleigh. *Forest Economics and Policy in a Changing Environment: How Market, Policy, and Climate Transformation Affect Forests*, 2016.
- **KANIESKI, B.;** NOBRE, S.; RODRIGUEZ, L. C. E.; SINGLETON, C.; WELKER, J. *TIMO investments in Brazil: Status and prospects for the future*. In: Southern Forest Economist Workers, 2012, Charlotte. *Southern Forest Economist Workers - 2012*, 2012. v. 12.
- NUNES, M. H. ; OLIVEIRA, I. R. C. ; **KANIESKI,B**; NICOLETTE, M. F. ; CARVALHO, S. P. *C. Continuidade espacial de características dentométrica em uma área de cerrado no norte do estado de Goiás*. In: V Simpósio Latino-Americano sobre Manejo Florestal, 2011, Santa Maria. *Anais do V Simpósio Latino-Americano sobre Manejo Florestal*, 2011. v. 05. p. 170-177.
- ANGELO, A. C. ; ARAUJO, F. C. ; ARIAS, M. R. ; SANTOS, K. G. **KANIESKI,B**. *Estratégias de Nucleação Voltadas para a Recuperação de Ambientes Degradados*. In: VI Semana de Estudos de Engenharia Ambiental, 2008, Irati. *VI Semana de Estudos de Engenharia Ambiental*, 2008.
- SILVA, I.C.; **KANIESKI, B.**; CAMPOS, F.; FERREIRA, M.P.; *Threats and opportunities of Brazil? National Plan for Native Species Forestry and Agroforestry Systems*. In: World Congress of Agroforestry, 2009, Nairobi. *World Congress of Agroforestry - Book of Abstract*, 2009. v. 01. p. 454.
- ANGELO, A. C. ; ICERI, P. M. ; **KANIESKI,B.**; SANTOS, K. G. ; ARAUJO, F. C. *Comportamiento de especies arbóreas pioneras en dos áreas con diferentes condiciones lumínicas visando la recuperación vegetal en la región de Curitiba, Paraná, Brasil*. In: Congreso Chileno de Ciencias Forestales, 2008, Talca. *Congreso Chileno de Ciencias Forestales*, 2008.

Poster Presentation

- **KANIESKI, B.;** CUBBAGE, F. W.; BOYS, K. *Impacts of Forest Certification on International Trade of Forest Products*. In: 2016 Meeting of the International Society of Forest Resource Economics, 04/03/2016, Raleigh, NC.

PROFESSIONAL EXPERIENCE

Forest Economist

2011- 2014

Atrium Forest Consulting, Brazil

- Responsible for data management, forest appraisal, due diligence project and cash flow analysis
- Forest Management in Tropical and Planted Forest
- Developed an extensive database of land and timber market information in Brazil.

Intern

Spring/2012

American Forest Management, Sumter, SC.

- Due diligence in Brazilian Forest market, forest appraisal, and cash flow analysis

UNIVERSITY SERVICES

President

Fall/2016 - Present

International Society of Tropical Foresters, NCSU

- Responsible for organizing meeting and funding raising

Treasure Officer

2015

International Society of Tropical Foresters, NCSU

- Managed the club's resources

Programa de Educação Tutorial

2005-2008

Universidade Federal do Parana, Brazil

- Responsible for organize environmental education activities for high and fundamental school students.
- Cooperated in event organizations and research projects with graduate students.

TECHNICAL SKILLS

- Programming languages: R, SAS, GAMS, Python, and Woodstock (Remsoft).

LANGUAGES

- Portuguese: Native Speaker
- English: Proficient
- Spanish: Intermediate
- German: Basic

REFEREE SERVICE

- Journal of Forestry
- Forest Science

PROFESSIONAL MEMBERSHIP

- Society of American Foresters (SAF)
- Toastmaster Club
- American Society of Agricultural and Applied Economics Association (AAEA)
- Brazilian Association of Engineering and Agronomy (CREA).

REFERENCES

Dr. Frederick W. Cabbage
Professor, NCSU
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Raleigh, NC 27695
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Email: cabbage@ncsu.edu

Dr. Robert C. Abt
Professor, NCSU
2820 Faucette Dr.
Raleigh, NC 27695
Phone: 919-515-7791
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Dr. Luiz C.E. Rodriguez
Professor, USP
Av. Padua Dias, 11
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