

rc

Rafał Piotr Chudy



Experience

- 2015-01 - present ● **Faculty of Environmental Sciences and Natural Resource Management, Norwegian University of Life Sciences (NMBU)**
PhD Candidate
Forest and resource economics, partial equilibrium modelling, forest sector outlook.
- 2014-10 - 2014-12 ● **Department of Analyses and Planning at National Forest Holding "State Forests" (PGL LP) in the Regional Directorate of State Forests in Lodz, Poland.**
Forestry officer
Responsible for analyses of financial, economic and forest management plans, their executions and reporting.
- 2013-04 - 2014-09 ● **National Forest Holding "State Forests" (PGL LP)**
Forestry analyst
Responsible for analyses of game management, ground leasing, wood sales projections.



Education

- 2015 ● **Postgraduate diploma in financial controlling in capital markets groups at Warsaw School of Economics (SGH), Poland.**
- 2012 ● **Master Degree in forestry at Warsaw University of Life Sciences (WULS-SGGW), Poland.**
- 2012 ● **Master Degree in forest management at Swedish University of Agriculture Sciences (SLU), Sweden.**
- 2011 ● **Master Degree in forestry and environmental resources at North Carolina State University (NCSU), United States of America.**



Research experience

- 2017-01 - 2017-07 ● Visiting research scholar at Oregon State University. Involved in building European partial equilibrium forest sector model - EUFORIA. The project has been funded by the Faculty of Environmental Sciences and Natural Resource at Norwegian University of Life (142 000 NOK), and Norwegian Agriculture Agency (70 000 NOK).
- 2015-01 ● Student at the Technical University of Denmark (DTU). Three weeks course in Mathematical Programming with Modeling Software GAMS (The General Algebraic Modeling System).
- 2012-03 - 2013-02 ● Junior researcher in the Center of Wood Science at the University of Hamburg (Germany). Subject: "Sustainable utilization of the woody biomass in the European Union". Scholar of German Federal Environmental Foundation (Deutsche Bundesstiftung Umwelt).



Personal Info

Address

Hogstvetveien 20
1432 Ås

Date of birth

1987-03-31

Phone

+4746244147

E-mail

rafal@forest-analytics.com

WWW

forest-analytics.com



Social media

LinkedIn

www.linkedin.com/in/rafal-chudy-b1825a67



Skills

Excel QM and QM for Windows



Optimization software - The General Algebraic Modeling System (GAMS)



Statistics – R



Stata



ArcGIS



Languages

2012-12 - 2013-03	● Short Term Scientific Mission (STSM) within the COST FP 1001 scientific program on Improving Data and Information on the Potential Supply of Wood Resources: A European approach from Multisource National Forest Inventories (USEWOOD). Subject of the STSM: "FAO database improvement and its application to Polish wood supply and demand situation". The STSM was hosted by Wood Technology Institute, in the Wood Industry Economics Department in Poznan (Poland).	Polish	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		English	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		Russian	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		Norwegian	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2011-05 - 2011-08	● United States Department of Agriculture (USDA) Internship. Research entitled: "An economic comparison of alternative water supply sources across eastern Africa". Location: Southern Research Station in Raleigh/USA	Spanish	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2010-09 - 2010-12	● Student at the University of Helsinki (UH), Finland. Nord-Plus program/ The Atlantis Program	German	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



Peer-reviewed publications

- Chudy R., H.K Sjølie., B. Solberg B., G. Latta. Impacts of a medium wood-based second-generation biofuel plant on forest sector in Norway. In review.
- Kallio M., R. Chudy, B.Solberg. Prospects for producing liquid wood-based biofuels and impacts in the wood using sectors in Europe. In review.
- Chudy R., M.Stevanov, M.Krott. Strategic options for state forest institutions in Poland: evaluation by the 3L Model and ways ahead. International Forestry Review, Volume 18, Number 4, December 2016, pp. 387-411(25).
- Chudy R., H.K. Sjølie, B.Solberg. Incorporating risk in forest sector modeling – state of the art and promising paths for future research. 2016. Scandinavian Journal of Forest Research. Volume 31, 2016 - Issue 7: SSAFR 2015 – 16th Symposium for Systems Analysis in Forest Resources
- Chudy R., R.C. Abt, R. Jonsson, J.P. Prestemon, F.W. Cabbage. European Union Pellet Demand and its Influence on Forest Market and Carbon Sequestration in the Southeast U.S. 2013. Journal of Energy and Power Engineering, USA. International Standard Serial Number: ISSN1934-8975



Interests

- Forest sector modeling, Forest and environmental economics, Natural resource management, Forest management planning, Business performance, Multi-criteria decision making, Risk analysis, Analysis of wood potentials, International forest policy, Global wood trade, Forest certification, Bioenergy, Portfolio Optimization.