Prof. Reinhart CEULEMANS
List of of successfully defended Ph.D. theses at the University of Antwerp (1999-2018)

1. **Julie Berckmans, 2018.** Modelling land-atmosphere interactions: Impact of near future land use and climate change over Western Europe. Co-promoter dr. Rafiq Hamdi (KMI-IRM, Brussels).
2. **Joanna Horemans, 2017.** Tackling challenges in process-based forest modelling: from concept to uncertainty. Co-promoter dr. Gaby Deckmyn (UA).
3. **Stefan Vanbeveren**, **2017**. Physiology and productivity of short-rotation coppice: genotypic differences and impacts of harvesting.
4. **Josefina Luisa De Paepe, 2015**. Productividad de los suelos pampeanos para el cultivo de trigo (Soil productivity of the pampas related to wheat). Co-promoter prof. Roberto Alvarez (Univ. Buenos Aires)
5. **Gonzalo Berhongaray, 2014**. Inventory of belowground carbon pools and fluxes in a short rotation woody crop.
6. **Laura Broeckx, 2013.** Development of leaf area and above-ground biomass of different *Populus* genotypes in a bio-energy plantation.
7. **Melanie Verlinden, 2013.** Carbon balance and productivity of a bio-energy culture with fast-growing poplars in Flanders.
8. **Ouafik El Kasmioui, 2013.** Short-rotation woody crops for bioenergy: a financial, energetic and environmental perspective. Co-promoter prof. Aviel Verbruggen (UA).
9. **Maarten De Bock, 2013.** The impact of tropospheric ozone on *Brassica* species. Co-promoters: dr. Karine Vandermeiren (CODA-CERVA, Tervuren) & prof. Yves Guisez (UA).
10. **Kim Naudts, 2012.** Does the response of grasslands to stress change under climate change conditions?
11. **Raphaël Bequet, 2011.** Environmental determinants of the temporal and spatial variability of leaf area index in *Fagus sylvatica* L., *Quercus robur* L. and *Pinus sylvestris* L.
12. **Maarten Op De Beeck, 2010.** Predictive stomatal conductance models: comparison of performance and applications. Co-promoter: dr. Gaby Deckmyn (UA).
13. **Filip Colson, 2009.** Quantifying the spatial pattern and ecology of land use in the Amazon Basin. Co-promoter prof. Jan Bogaert (ULB, Brussels).
14. **Koen Hufkens, 2009.** Mathematical approaches of landscape ecological studies related to scale dependent spatial patterns. Co-promoter prof. Paul Scheunders (UA).
15. **Johan Neirynck, 2009.** Exchange of atmospheric nitrogen above a Scots pine forest – implications for nitrogen cycling.
16. **Sophie Dillen, 2009.** Genetic variation in growth and its determinants in two poplar families grown at two sites.
17. **Najwa Al Afas, 2007.** Comparative study of ecophysiological production of different hybrid poplars in a short rotation coppice culture.
18. **Hans De Boeck, 2007.** Community-scale effects of climate warming on experimental grasslands of different species richness. Co-promoter prof. Ivan Nijs (UA).
19. **Catherine Lemmens, 2007**. Responses of individual grassland species to climate warming and species richness: ecophysiological processes, development and biomass production. Co-promoter prof. Ivan Nijs (UA).
20. **Hans Verbeeck, 2007**. The carbon and water balances of two temperate forest ecosystems: a process based modeling approach. Co-promoter prof. Ivan Janssens (UA).
21. **Marion Liberloo, 2006.** Study of the effects of elevated atmospheric CO_2 concentrations and nitrogen fertilization on ecosystem processes in a fast growing short rotation coppice of poplars.
22. **Jorge Curiel-Yuste, 2004.** The importance of soil respiration in the carbon cycle of two contrasting forest types. Co-promoter prof. Ivan Janssens (UA).
23. **Ilse Laureysens, 2004.** Clonal variation in productivity, population dynamics and phytoextraction potential of poplar short rotation coppice culture.
24. **Birgit Gielen, 2003.** Effects of elevated atmospheric CO_2 concentrations on a fast-growing poplar ecosystem: process and structure.
25. **M. Ewa Jach, 2000.** Response of young Scots pine trees (*Pinus sylvestris* L.) to increased carbon dioxide concentration.
26. **Katrien Bortier, 2000.** Tree physiological research in view of ozone damage.
27. **Ivan Janssens, 1999.** Soil CO_2 efflux in a mixed forest ecosystem in the Antwerp Campine region.