C u r r i c u l u m V i t a e

Johannes Albertsson

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Date of birth: October 12, 1974

EDUCATION

2010 - 2014 *PhD,* Swedish University of Agricultural Sciences. The primary objective of the thesis was to determine the possibilities to improve the environmental profile of willow short rotation coppice (SRC) by omitting the use of herbicides during establishment. Therefore, one study in the thesis investigated whether 12 willow clones differed in their ability to compete with weeds and whether this ability was affected by cutting back the first-year shoots. Another study compared the efficiency of cover crops and mechanical weed control methods with those of the present weed control practice in willow SRC. To account for clonal differences in response to these control measures, two different willow clones were compared in that study. During my doctoral studies, I taught statistics and pest and disease control to undergraduate students. I graduated in October 2014.

2002 - 2008 *Master of Sciences in Horticulture,* Swedish University of Agricultural Sciences, Sweden, 300 ECTS. Focus of studies: Plant protection and environmental issues.

1993 - 1995 *Electrical Engineering Telecommunications*, Växjö University, Sweden, 120 ECTS

1990 - 1993 *Upper secondary technical school*, Haganässkolan, Älmhult, Sweden

WORK EXPERIENCE

2015 - ongoing *Post doc,* Swedish University of Agricultural Sciences. I work in a European project named Climate-CAFÉ. My focus in this project is to obtain new knowledge from Swedish long-term experiments regarding climate change adaptability of different cropping systems. I also take part in workshops together with farmers for design of innovative cropping systems that will have a high adaptive capacity to climate change.

2014 - 2015 *Research Assistant*, Swedish University of Agricultural Sciences. I studied the weed succession in willow plantations and how the biomass production of different willow clones is affected by site and management methods. I was also involved in a project together with the Technical Research Institute of Sweden (SP) that investigates how the moisture content in willow shoots varies during a year.

2010 - 2014 *PhD-student,* Swedish University of Agricultural Sciences. See education above.

2008 - 2010 *Research Assistant*, Swedish University of Agricultural Sciences. I studied different methods to apply physically acting pesticides in fruit and berry production. I was also involved in a project that studied nutrient management issues in potato production.

2008 *Project Coordinator*, Swedish University of Agricultural Sciences. I worked with different research- and development projects at the Garden Laboratory (Alnarp).

2007 *Research Assistant*, part time (5 months), Swedish University of Agricultural Sciences. I worked in a project with the aim to identify the brassica pod midge sex pheromone.

2007 *Teaching Assistant,* part time, (3 month), with responsibility for exercises and administration within the Environmental Issues course (15 ECTS) at the Swedish University of Agricultural Sciences.

2005 *Research Assistant*, full time (2 months), Swedish University of Agricultural Sciences. I worked in a project with the aim to better manage the pine processionary moth.

2004 – 2007 *Gardener*, part time, Swedish University of Agricultural Sciences. I was among other things responsible for the pest and disease control at the Garden Laboratory (Alnarp)

2000 – 2002 *Test engineer*, Ericsson Radio Systems AB.

1997 – 2000 *System administrator*, Europolitan AB.

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Date of birth: October 12, 1974

1996 – 1997 *Service engineer*, Telia AB.

SELECTED PUBLICATIONS

2015 Stephan JG, Albertsson J, Wang L & Porcel M (2015) Weeds within willow short-rotation coppices alter the arthropod community and improve biological control of the blue willow beetle. BioControl, DOI 10.1007/s10526-015-9693-0 *[Journal article]*.

2015 Verwijst, T. & Albertsson, J. (2015). Assumptions made in protocols for shoot biomass estimation of short-rotation willow clones underlie differences in results between destructive and non-destructive methods. *Bioenergy Research,* DOI: 10.1007/s12155-015-9607-0 *[Journal article]*.

2014 Albertsson, J., Verwijst, T., Hansson, D., Bertholdsson, N-O. & Åhman I. (2014). Effects of competition between short-rotation willow and weeds on performance of different clones and associated weed flora during the first harvest cycle. *Biomass & Bioenergy*, 70, 364–372. *[Journal article]*.

2014 Albertsson, J. (2014) Impact and control of weeds in biomass willow clones (2014). Swedish University of Agricultural Sciences, Acta Universitatis agriculturae Sueciae, 1652-6880 ; 2014:63 *[Dissertation]*

2014 Albertsson, J., Hansson, D., Bertholdsson, N-O. & Åhman I. (2014). Site-related set-back by weeds on the establishment of 12 biomass willow clones. *Weed Research,* 54(4), 398-407. *[Journal article]*.

2013 Verwijst, T., Lundkvist, A., Edelfeldt, S. & Albertsson, J. (2013). Development of sustainable willow short rotation forestry in northern Europe. In: Matovic, M.D. (ed.) *Biomass Now - Sustainable Growth and Use*. InTech, pp. 479-502. *[Book chapter]*

LANGUAGE & COMPUTER SKILLS

Swedish (native), **English (**fluent), **MS - Office (**advanced user), **SAS and Minitab (**advanced user).

REFERENCES

References available on request