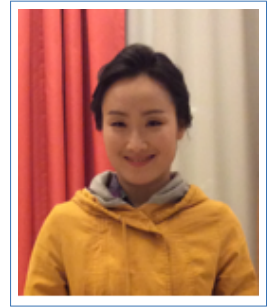# Bora Lee

Curriculum Vitae

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Education

Apr. 2009–Mar. 2015	**Ph.D. (Dr.rer.nat), Department of Plant Ecology**, *University of Bayreuth*, Germany.
Mar. 2006–Feb. 2008	**Graduate School of Environment Remote Sensing lab., Department of Environment Science**, *Kangwon National University*, Rep. of Korea.
Mar. 2001–Feb. 2006	**Department of Environment Science**, *Kangwon National University*, Rep. of Korea.

Qualification & Skills

Computer programing	R, IDL
Spatial analysis	ArcGIS, QGIS, TAS, ENVI, Erdas, LAStools (LiDAR), GDAL (R)
Operating systems	Windows, Linux, Macintosh
Software	Microsoft Office, SPSS, SigmaPlot, Latex
Experimental equipments	Li-COR 6400, CR10X Data logger (Campbell), DL2e Data logger (Delta-T), Sapflow sensor, TDR sensor, Spectrum sensor, HOBO sensor, Crop scan, Garmin GPS

Certification

Jan. 2006	**LINUX Server**, Advanced Institute of Information Technology, Rep. Of Korea. Completion a Course in Construction of LINUX Server
Sep. 2005	**IDL**, Space Environment Laboratory, Inc., Rep. Of Korea. Completion a Course in IDL Basics
Feb. 2006	**Teacher's license**, Kangwon National University, Rep. Of Korea. Subject: Environmental Science

Professional Experience

Oct. 2015 – Dec. 2015	**Post-doctoral Scholarship**, Bavaria's Programme for the Promotion of Equal Opportunities for Women in Research & Teaching, Bayreuth, Germany.
Jan. 2014 – Mar. 2015	**Research Assistant**, Regional Economic Evaluation of Adaptation Measures in Agricultural, Forestry, and Bioenergy Production under the Influence of Climate Change (REGECON), Federal Ministry of Education and Research (BMBF), Germany.

Mar. 2009 – Dec. 2014	**Ph.D & Project coordinator**, Complex TERRain and ECOlogical Heterogeneity (TERRECO), International research training group by DFG (Germany) & KOSEF (Rep. of Korea).
Nov. 2011 – Jan. 2012	**Research Assistant**, The Agrobiodiversity Initiative in Lao P.D.R, Bern University.
Oct. 2005 – Jun. 2008	**Research Assistant**, Ecological Research, Sustainable Water Resources Research Center from Ministry of Education, Science and Technology and Ministry of Land, Transport and Maritime affairs, Korea Forest Research Institute, Ministry of Environment, Rep. of Korea.
Oct. 2012 – Feb. 2014	**Teaching**, Production Ecology, Department of Plant Ecology, University of Bayreuth, Germany. Lecture about crop scan and remote sensing
Mar. 2008 – Jul. 2008 Mar. 2006 – Feb. 2007	**Teaching**, GIS, Department of Environment Science, Kangwon National University, Rep. of Korea. Lecture about GIS
Jul. 2008 – Dec. 2008	**Internship**, Korea Forest Research Institute, Seoul, Rep. of Korea. Field data sampling, GIS, and data analysis.

Publication

- D. Otieno , J. Ondier, S. Arnhold, D. Okach, M. Ruidisch, **B. Lee**, A. Kolb, J. Onyango, and B. Huwe, 2015. Patterns of CO2 exchange and productivity of the herbaceous vegetation and trees in a humid savanna in western Kenya. Plant Ecology. 1-16

- **B. Lee**, 2014. Remote sensing-based assessment of Gross Primary Production at Agricultural Ecosystems. PhD thesis. Univ. Bayreuth

- S. Lindner, D. Otieno, **B. Lee**, W. Xue, S. Arnhold, and H. Kwon, 2014. Carbon dioxide exchange and its regulation in the main agro-ecosystems of Haean catchment in South Korea. Agriculture, Ecosystems & Environment. 199, 132Đ145

- S. Arnhold, S. Lindner, **B. Lee**, E. Martin, J. Kettering, and T.T. Nguyen, 2014. Conventional and organic farming: Soil erosion and conservation potential for row crop cultivation, Geoderma 219-220

- E. Jung, D. Otieno, **B. Lee**, J. Lim, S. Kang and J. Tenhunen. 2011. Upscaling to stand transpiration of an Asian temperate mixed-deciduous forest from singletree salpflow measurements. Plant Ecology 212 (3), 383-395

- G. Choi, **B. Lee**, S. Kang and J. Tenhunen. 2010. Variations of summertime temperature lapse rate within a mountainous basin in the Republic of Korea Đ A case study of Punchbowl, Yanggu in 2009. Journal of the Korean association of regional geographers 16 (4), 339-354

- **B. Lee**, J. Tenhunen, R. Geyer, B. Seo, Y. Li and S. Kang. 2010. Landscape level carbon and water balances and agricultural production in mountainous terrain of the Haean Basin, South Korea., Proceedings of the Symposium: LANDMOD2010 International Conference on Integrative Landscape Modeling, Montpellier Feb. 3.5, 2010. Internet publication: www.symposcience.org (http://www.symposcience.org/exl-doc/colloque/ART-00002407.pdf

- **B. Lee**, S. Kang, E. Kim, T. Hwang, J. Lim and J. Kim. 2007. Evaluation of a Hydro-ecologic Model, RHESSys (Regional Hydro-Ecolsic Simulation System): Parameterization and Application at two Complex Terrain Watersheds. Korea Journal of Agricultural and Forest Meteorology 9 (4), 247-259

Languages

Korean	**Native language**
English	**Fluent**
German	**Conversant**
Japanese	**Basic**

References

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I certify that the above information is correct,

Bora Lee