

Young Eui Oh

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EDUCATION

- 08/2021 to Present Graduate Student in Biology, Indiana University, Bloomington, IN
Advisor: Dr. Richard Phillips
- 08/2019 to 05/2021 Master of Science in Environmental Science (MSES)
Paul H. O'Neill School of Public and Environmental Affairs (SPEA), Indiana University - Bloomington
- 01/2018 to 08/2019 B.S. in Environmental Science and Terrestrial Resource Management (ESRM) and B.A. in Economics
University of Washington in Seattle
*Thesis: Effects of *Alnus rubra* establishment on vegetation succession in the Mount St. Helens debris-avalanche deposit*
Advisor: Dr. Brian Harvey and Dr. Brittany Johnson

ACADEMIC EXPERIENCE

- 10/2019 to 08/2021 **Lab Assistant**, Phillips Lab, Department of Biology at IU - Bloomington
In the process of conducting own research, "Relating root mycorrhizal colonization intensity to rhizosphere activity in a mixed hardwood forest" funded by Research and Teaching Preserve (IURTP) Student Research Grant for the year 2020-2021, in addition to assisting a Ph. D. Candidate in the lab (fine root measurement, mycorrhizal colonization intensity measurement, and a suite of protocol preparations),
- 10/2019 to Present **Graduate Teaching Assistant**, Statistical Techniques (SPEA K300) at IU - Bloomington
Conducted exam grading, term paper proposal and final paper grading and helped undergraduate students with 10-hours per week office hours for their studying, homework, and term-paper writing.
- 12/2018 to 06/2019 **Lab member**, The Harvey Lab and Johnson Soils Lab at University of Washington
*Conducted Senior Thesis Project and poster presentation, Effects of *Alnus rubra* establishment on vegetation succession in the Mount St. Helens debris-avalanche deposit, using long-term dataset provided by Virginia Dale, supervised by Brian J. Harvey and Brittany Johnson.*

PROFESSIONAL EXPERIENCE

- 06/2012 to 05/2017 **General Director**, Foodline Inc.; Subsidiary company of ISE Commerce Inc.
Responsible for financial performance as an executive of the company; managed the company that consists of 9 different restaurants and retail shops, and its own logistics team employing over 80 employees; the company has been profitable and its average annual sales is 44million dollars annually
- 11/2006 to 05/2012 **COO(Chief Operating Offices), WIZWID**, ISE Commerce Inc.
Responsible for logistics, customer services, off-line retails, building new business models, setting up process innovation strategies, and legal and government relations; contributed, as one of decision making members, to the growth of sales from 30million to 70million dollars in four years and to IPO in KOSDAQ in Korea.
- 02/2002 to 10/2006 **Team Leader**, On-line Commerce and On-line Commerce Development Team, IT Line Inc.
Worked as a team-leader of two different team, on-line commerce and on-line commerce development team; along with the operation of "sports25.co.kr", contracted and conducted e-commerce strategy consulting for Hyun-Dai Homeshopping and MCM for two years. IT Line Inc. later on had merged with ISE Commerce Inc.

PUBLICATIONS

Beidler, K. V., Oh, Y. E., Pritchard, S. G., & Phillips, R. P. (2021). Mycorrhizal roots slow the decay of belowground litters in a temperate hardwood forest. *Oecologia*, 1-13.

AWARD

Indiana University Research and Teaching Preserve (IURTP) Student Research Grant for the year 2020-2021; \$2,432.00 was awarded for the summer project, "Relating root mycorrhizal colonization intensity to rhizosphere activity in a mixed hardwood"

SKILLSETS

- Statistical analysis skills with in-depth understanding of statistical methods and empirical data using excel, SAS and Matlab
- Lab analysis skillsets; measuring a variety of plant and soil traits, biogeochemical analyses (enzyme analysis, pH, microbial respiration, and inorganic and organic N and P content in soils)
- Experiences in remote-sensing and spatial modeling related softwares; FUSION, R, and ArcGIS
 - Successful completion of Application to GIS class in IUB E529, conducting a series of spatial analysis and modeling through ArcGIS; Conducted "Comparative study on extrapolation of below-ground biomass of trees in a forest stand in Indiana" for the final project
 - Successful completion of Airborn LiDAR For Remote Sensing class; completed a report for the Northern Spotted Owls Habitat Prediction in 3 LiDAR acquisitions near Mount Adams with linear and logistic modeling, raster prediction and random forest modeling
- Successful completion of Introduction to GIS class, conducting a series of spatial analysis in Mount St. Helens 1980 Eruption using ArcGIS

REFERENCE

Available upon request