

Education and Awards

- 2019 **Doctor of Philosophy (Ph.D.) in Forest Sciences and Forest Ecology**
Georg-August-University of Göttingen, Germany
- 2014 **Master of Science in Biology (Ecology)**
Chiang Mai University, Chiang Mai, Thailand
- 2011 **Bachelor of Science in Biology (Biology)**
Chiang Mai University, Chiang Mai, Thailand
 - First Class Honors
 - The Highly Competent Biology Student Awards
- 2007 **Certificate of High School**
Yupparaj Withayalai School, Chiang Mai, Thailand
 - The Outstanding Student Awards in Science

Research Collaborations

- Ph.D. Researcher in Biodiversity Enrichment Experiment in Oil Palm Plantations (B11), Collaborative Research Centre 990: Ecological and Socioeconomic Functions of Tropical Lowland Rainforest Transformation Systems (Sumatra, Indonesia) (2015-2019)
- Research Student at Forest Restoration Unit, Chiang Mai University (FORRU-CMU), Thailand (2013-2014)
- Research Student in The Limestone Mine Reclamation Project, The Siam Cement Public Company Limited (SCG Thailand Co. Ltd.) (2013-2014)
- Research Student at Faculty of Animal Science and Food Engineering, University of Sao Paulo, Brazil (2013)

Areas of Expertise

- Ecological Applications in Forest Restoration and Agroforest
- Unmanned Aerial Vehicle (UAV or Drone) Assessments
- 3D Model Processing and Environmental Modeling
- Remote Sensing: Aerial Photography and Land Use Map
- Statistics and Data Analysis in R Language Program

Publications

- Drone-Based Assessment of Canopy Cover for Analyzing Tree Mortality in an Oil Palm Agroforest (Frontiers in Forests and Global Change, 2019)
DOI: 10.3389/ffgc.2019.00012
- Drone-Based Photogrammetry Derived Crown Metrics for Predicting Tree and Palm Water Use (Ecohydrology, 2019) DOI: 10.1002/eco.2115

Curriculum Vitae



Dr. Watit Khokthong

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Personal Detail

- Date of Birth: 19 June 1988
- Nationality: Thai
- Received the Royal Government of Thailand Scholarship (DPST: Development and Promotion of Science and Technology Talents Project)

Academic Dissertations

- Drone-Based Assessments of Crowns, Canopy Cover and Land Use Types in and around An Oil Palm Agroforestry Experiment (Ph.D. Dissertation, Georg-August-University of Göttingen, Germany, 2019)
- Efficacy of *Ficus* Hydroseeding for Forest Restoration in An Abandoned Limestone Quarry (Master Dissertation, Chiang Mai University, Thailand, 2014)

Academic Conferences

- Efficacy of *Ficus semicordata* Hydroseeding for Forest Restoration in Limestone Mine (Conference on Science and Technology for Youth, Thailand 2013)
- Film Formation and Moisture Properties of Hydrogels Made by Blending NaCMC with Agar and Corn Starch (International Conference of Biological Science, Osaka, Japan 2013)
- Effects of Invasive Alien Plants on the Growth of Bead Tree Seedling (*Adenanthera microsperma*) (Conference on Science and Technology for Youth, Thailand 2011)
- Effects of Anti-biotic in Isolated Bacteria from Stingless Bee's Honey (*Trigona* spp.) on Anti-Growth of *Staphylococcus aureus* (The National Congress, Thailand 2006)

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