

RATCHANON AMPORNPITAK

Ph.D. Student

International Program in Hazardous Substance and Environmental Management,

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Education

Chulalongkorn University. Ph.D. in Environmental Management (2024 – present)

Chulalongkorn University. M.Sc. in Environmental Management (2021 – 2023)

Chulalongkorn University. B.Sc. in Environmental Science (Second honors) (2017 – 2021)

Experiences

2024 – present	Research Assistant, Department of Environment Science, Faculty of Science, Chulalongkorn University
2023 – 2024	Research and Business Development Officer, CARBON SCOUT CO., LTD
2023	Assistant Editor, Multidisciplinary Digital Publishing Institute (MDPI)
2021 – 2023	Research Assistant, Department of Environment Science, Faculty of Science, Chulalongkorn University

Grant Support

2024 – 2027	The Second Century Fund Chulalongkorn University (C2F), Chulalongkorn University
2021 – 2023	Thailand Graduate Institute of Science and Technology (TGIST), National Science and Technology Development Agency

Awards

2021	Outstanding Undergraduate Research Project of Faculty of Science, Chulalongkorn University, Bronze prize in Young rising star of science
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2021, The Science Society of Thailand under the Patronage of His Majesty
the King

2021

Best Presentation (Silver prize) in Thai Hitachi Trophy 2021 Competition

Research Articles

1. Kulsirilak, N., **Ampornpitak, R.**, Kasikam, N., Tor-ngern, P*. Investigating leaf gas exchanges of common trees in two urban parks with different periods of establishment in Bangkok, Thailand. *Tropical Ecology* (January 2024) <https://doi.org/10.1007/s42965-024-00343-y> (SCOPUS)
 2. **Ampornpitak, R.**, Nathalang, A., Tor-ngern, P.* Water-use characteristics of *Syzygium antisepticum* and *Adinandra integerrima* in a secondary forest of Khao Yai National Park in Thailand with implications for environmental management. *PeerJ* (November 2023) 11:e16525. <http://doi.org/10.7717/peerj.16525> (ISI/SCOPUS)
 3. **Ampornpitak, R.**, Khobpee, P., Unawong, W., Leksungnoen, N., Tor-ngern, P.* An urban tree (*Tabebuia argentea*) exhibits higher sensitivity to environmental conditions than an urban palm (*Ptychosperma macarthurii*) growing in the same roof garden: an implication for sustainable urban water use. *Applied Environmental Research* (March 2023) 45, 1: 003. (SCOPUS)
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Conference Abstracts and Proceedings

1. **Ampornpitak, R***, Tor-ngern, P. Water-use Characteristics of *Syzygium antisepticum* and *Adinandra integerrima* in a Secondary Tropical Forest in Khao Yai National Park for Environmental Management. The 12th International Conference on Environmental Engineering, Science and Management. 17-18 May 2023 in Pattaya, Thailand. pp 144-149. (Proceeding)
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Books

1. พันธนา ตอเงิน และคณะ. 2566. การจัดการไหลของน้ำในไม้ต้นด้วยหัววัดการกระจายอุณหภูมิและการประยุกต์ใช้. สำนักพิมพ์จุฬาลงกรณ์มหาวิทยาลัย. กรุงเทพมหานคร 98 หน้า.