|  |  |
| --- | --- |
|  | **BURENJARGAL Otgonsuren****Associate professor, PhD****School of Agroecology**,**Mongolian University of Life Sciences****Ulaanbaatar, Mongolia** **Language(s):** Mongolian, English**Office postal address, phone number and e-mail:** Mongolian University of Life Science, Department of Ecology, Zaisan 17024, Khan-Uul district Ulaanbaatar, Mongolia, e-mail; o\_burenjargal@muls.edu.mnPersonal web page:Research gate: <https://www.researchgate.net/profile/Burenjargal-Otgonsuren>ORCID: <https://orcid.org/my-orcid?orcid=0000-0001-7732-7173>Loop: <https://loop.frontiersin.org/people/773528/overview>Publon:<https://publons.com/researcher/3907676/burenjargal-otgonsuren/> |
| **Potential areas for PhD supervision:** | **Supervising experience:** |
| * Mycorrhiza, forest soil ecology, plant ecology, urban forest ecology
 | * 1 PhD student
* 9 MSc students
 |

**Employment history in last 5 years:**

* 2019 – Present Associate Professor at the department of Ecology, school of Agroecology, Mongolian University of Life Sciences
* 2014 – 2018 Senior lecturer and researcher at the department of Ecology, school of Agroecology, Mongolian University of Life Sciences.
* 2014 Postdoctoral Fellow at the Institute of Forest Ecology, Department of Forest and Soil Sciences, University of Natural Resources and Life Sciences, Vienna, Austria
* 2011-2014Head of Department of Ecology, School of Ecology and Technological Development, Mongolian State University of Agriculture

**Membership of professional association:**

* 2021 Associate Editor for Planted forests, Frontiers in Forests and Global Change
* 2021 “Scandinavian Journal of Forest Research” review editor
* 2020 “Canadian journal of Forest Research” review editor
* 2015 “Forests” Guest Editor (special issue) http://www.mdpi.com/journal/forests/special\_issues/mycorrhizal\_fungi

**Education – since bachelor degree:**

* 2008-2011 PhD National Chiayi University, Chiayi (Taiwan, ROC)
* 2002-2004 MSc Biology National University of Mongolia, Ulaanbaatar
* 1998-2002 BSc (Ecology) National University of Mongolia, Ulaanbaatar

**Selected recent papers:**

1. **Otgonsuren, B**., Rosinger C., Wang L., Godbold. D.L., **(**2020). Winter soils of Mongolian forests have viable ectomycorrhizas and soil enzymatic activity, Soil. Biol. Biochem. **IF=5.795** <https://doi.org/10.1016/j.soilbio.2020.107914>
2. Juřička, David, Václav Pecina, Antonín Kusbach, Vítěslav Vlček, Jitka Novotná, Jana Pařílková, **Burenjargal Otgonsuren**, Martin Brtnický, and Jindřich Kynický. “Thermal regime of semi-natural dew collector’s perspective for afforestation of semi-arid landscapes” **IF=3.356** “Environmental Technology and Innovation” Vol 20, 2020. <https://doi.org/10.1016/j.eti.2020.101125>
3. Knapp, D. G., Imrefi, I., Boldpurev, E., Csíkos, S., Akhmetova, G., Nagy-Berek, P. J., **Otgonsuren**, B., & Kovács, G. M. (2019). Root colonizing endophytic fungi of the dominant grass *Stipa krylovii* from a Mongolian steppe grassland. *Frontiers in microbiology*, *10*, 2565. <https://doi.org/10.3389/fmicb.2019.02565> **IF=4.215**
4. L Wang, **B Otgonsuren**, W Duan, DL Godbold. 2018. Comparison of root surface enzyme activity of ericaceous plants and *Picea abies* growing at the tree line in the Austrian Alps. *Forests* 9, 575; <https://doi.org/10.3390/f9090575> , **IF=2.21**
5. L Wang, **B Otgonsuren**, DL Godbold. 2017. Mycorrhizas and soil ecosystem function of co-existing woody vegetation islands at the alpine tree line." *Plant and Soil* 411(1-2): 467-481. <https://doi.org/10.1007/s11104-016-3047-2> **IF=3.299**
6. **B Otgonsuren**, B Rewald, DL Godbold, H Göransson. 2016. Ectomycorrhizal inoculation of *Populus nigra* modifies the response of absorptive root respiration and root surface enzyme activity to salinity stress. “*Flora-Morphology, Distribution, Functional Ecology of Plants* 224:123-129. <https://doi.org/10.1016/j.flora.2016.07.016> **IF=1.591**