

Otar Abdaladze CV

1. NAME

FAMILY NAME

Otar	Abdaladze
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DATE OF BIRTH

2. CONTACT INFORMATION

Office Address: Tbilisi, 0162, Cholokashvili Ave. 5, (Office: F-312)

e-mail: alpine_ecology@iliauni.edu.ge

3. EMPLOYMENT

Working period	From 2009 – till today
Employer	Ilia State University
Employer Address	Tbilisi, 0162, Cholokashvili Ave. 5
Position	Director, Institute of Ecology
Responsibility & Duty	Heading of “Alpine Ecosystems Research Program”

Working period	From 2011 – till today
Employer	Ilia State University
Employer Address	Tbilisi, 0162, Cholokashvili Ave. 5
Position	Full Professor
Responsibility & Duty	Educational-Scientific Activity

Working period	2006 - 2011
Employer	Ilia State University
Employer Address	Tbilisi, 0162, Cholokashvili Ave. 5
Position	Associated Professor
Responsibility & Duty	Educational-Scientific Activity

Working period	2005 - 2006
Employer	N. Ketskhoveri Institute of Botany
Employer Address	Tbilisi, Kojori Road, 1
Position	Deputy Director in the Scientific Field

Working period	1992 - 2011
Employer	Institute of Botany of the Georgian Academy of Sciences
Employer Address	Tbilisi, Kojori Road, 1
Position	Head of Department "Alpine Vegetation Ecology"
Responsibility & Duty	Scientific Research

Working period	1990 - 1995
Employer	Institute of Botany of the Georgian Academy of Sciences
Employer Address	Tbilisi, Kojori Road, 1
Position	Major Scientific Worker
Responsibility & Duty	Scientific Research

Working period	1987 - 1990
Employer	Institute of Botany of the Georgian Academy of Sciences
Employer Address	Tbilisi, Kojori Road, 1
Position	Scientific Worker
Responsibility & Duty	Scientific Research

Working period	1984-1987
Employer	Institute of Botany of the Georgian Academy of Sciences
Employer Address	Tbilisi, Kojori Road, 1
Position	Minor Scientific Worker
Responsibility & Duty	Scientific Research

4. EDUCATION & SCIENTIFIC DEGREE

Working period	1976 - 1981
Institution (Faculty)	Tbilisi Javakhishvili State Univ. (Faculty of Biology)
Speciality	Human & Animal Physiologist
№ of Diploma/Sertificate	(Г-1 № 171716 Diploma with Honours; 10.07.1981)
Qualification	Biologist; Biology & Chemistry Teacher

Working period	1981 - 1984
Institution (Faculty)	V. Komarov Botanical Institute of the Russian Academy of Sciences (St. Petersburg)
Qualification	Targeted Graduate Student (Doctorant)

Working period	1985 ¶
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Institution (Faculty)	Institute of Botany of the Georgian Academy of Sciences
Speciality	03.00.12 – Plant Physiologist
№ of Diploma/Sertificate	BA № 015404 (21.05.1985; № 3)
Qualification	Candidate of Biological Sciences
Title of Defensed Dissertation	„CO ₂ -Gas exchange in Subalpine Plants of the Central Caucasus”

Working period	1994
Institution (Faculty)	Institute of Botany of the Georgian Academy of Sciences
Speciality	03.00.05 – Botany; 03.00.16 - Ecology
№ of Diploma/Sertificate	# 000218
Qualification	Doctor of Biological Sciences
Title of Defensed Dissertation	„CO ₂ -Gas exchange in Alpine Plants of Georgia”

5. MAIN SCIENTIFIC INTEREST: Plant functional ecology; Plant adaptation strategies & mechanisms; Plant community ecology; Structural & functional organization of alpine plant communities; Load of global changes (Climate, Land use) on vegetation; Interspecific relationships along ecological gradients; Plant species & habitat diversity.

6. PUBLICATIONS

Totally 85 Publications, which includes: Books – 6; International peer-reviewed journals registered in ISI – 22; International peer-reviewed journals non-registered in ISI – 11; National journals – 7; Chapter in book (which have been assigned an ISBN) – 8; Scientific collection – 25; Auto abstract of dissertation – 2; Scientific-popular collection – 3 & Scientific project report – 1.

Below publications for the last 5 years are given:

- 1) *Nakhutsrishvili G., Abdaladze O., Batsatsashvili K., Dzadzamia L.* (2023): Natural Forests of Georgia (the South Caucasus). Iliia State University, Tbilisi, 242 p. (*in Georgian*).
- 2) *Nakhutsrishvili G., Abdaladze O., Batsatsashvili K., Dzadzamia L.* (2023): Natural Forests of Georgia (the South Caucasus). Iliia State University, Tbilisi, 224 p.
- 3) *Ekhvaia J., Bakhia A., Asanidze Z., Beltadze T., Abdaladze O.* (2022): Leaf Functional Traits with Plant Resource Utilization Strategy in an Evergreen Scrub Species *Rhododendron caucasicum* Pall. along Longitudinal Gradient in Georgia (The South Caucasus). *Journal of Forest and Environmental Science* Vol. 38, No. 2, pp. 110-121. <https://doi.org/10.7747/JFES.2022.38.2.110> **ISI IF – 2.047**
- 4) *Lembrechts, J. J., van den Hoogen, J., Aalto, J., Ashcroft, M. B., De Frenne, P., Kemppinen, J., Kopecký, M., Luoto, M., Maclean, I. M. D., Crowther, T. W., Bailey, J. J., Haesen, S., Klings, D. H., Niittynen, P., Scheffers, B. R., Van Meerbeek, K., Aartsma, P., Abdalaze, O., Abedi, M., ... Lenoir, J.* (2021): Global maps of soil temperature. *Global Change Biology*, 00, 1–35. <https://doi.org/10.1111/gcb.16060> **ISI IF – 10.86**

- 5) *Jolokhava T., Abdaladze O., Gigauri Kh., Kikvidze Z.* (2021): Gradient analysis of soil-plant interactions from alpine-nival ecotone to snowline on the slopes of the Central Great Caucasus (Kazbegi district, Georgia) *Ukr. Bot. J.*, 78 (3): 163-175.
DOI: [10.15407/ukrbotj78.03](https://doi.org/10.15407/ukrbotj78.03)
- 6) *Bürli S., Theurillat J-P., Winkler M., Lamprecht A., Pauli H., Rixen Ch., Steinbauer K., Wipf S., Abdaladze O., Andrews CH., Barančok P., Benito-Alonso J. L., Fernández Calzado M. R., Carranza M. L., Dick J., Erschbamer B., Ghosn D., Gigauri Kh., Kazakis G., Mallaun M., Michelsen O., Moiseev D., Moiseev P., Molau U., Molero Mesa J., Morra di Cella U., Nadeem I., Nagy L., Nicklas L., Palaj A., Pedersen B., Petey M., Puşcaş M., Rossi G., Stanisci A., Tomaselli M., Unterluggauer P., Ursu T-M., Villar L. & Vittoz P.* (2021): Temperatures and growing season length define the upper limits of grasslands in European mountain. *Alpine Botany*, pp. 41-52.
<https://doi.org/10.1007/s00035-021-00250-1> **ISI IF – 2.810**
- 7) *Novák P., Zukal D., Harásek M., Vlčková P., Abdaladze O., Willner W.* (2021): Ecology and syntaxonomy of oak-hornbeam and ravine forests of the Eastern Greater Caucasus in Georgia. *Folia Geobotanica*, 55 <https://doi.org/10.1007/s12224-020-09386-0> **ISI IF – 1.242**
- 8) *Abdaladze O., Pedrotti F., & Raimondo F. M. (Eds.)*. (2021): *Phytogeography and Vegetation of High Mountains of Eurasia: Dedicated to Professor Emeritus George Nakhutsrishvili (Ilia State University, Tbilisi) on Occasion of His 85th Birthday.* Herbarium Mediterraneum Panormitanum.
- 9) *Abdaladze O., Zazanashvili N.* (2021): Scientific Works of Professor Giorgi (Gia) Nakhutsrishvili. *Bocconea* 29: 9-19 <https://doi.org/10.7320/Bocc29.009>.
- 10) *Gigauri Kh., Abdaladze O., Bakhia A., Asanidze Z., Mamedova A.* (2021): The first results of the 3rd cycle of Global Monitoring GLORIA Network of the Central Great Caucasus. *Bocconea* 29: 103-119 <https://doi.org/10.7320/Bocc29.103>.
- 11) *Nakhutsrishvili G., Abdaladze O., Batsatsashvili K.* (2021): Ecological Gradients (West-East) and Vegetation of the Central Great Caucasus. *Bocconea* 29: 157-168
<https://doi.org/10.7320/Bocc29.157>.
- 12) *Tephnadze-Hoernchen N., Kikvidze Z., Nakhutsrishvili G., Abdaladze O.* (2021): Subalpine vegetation along the soil moisture gradient under the climate change conditions: re-visitation approach (the Central Great Caucasus). *Bocconea* 29: 297-310
<https://doi.org/10.7320/Bocc29.297>.
- 13) *Abdaladze O., Pedrotti F., Raimondo F.M.* (2021): *Phytogeography and Vegetation of High Mountains of Eurasia: Dedicated to Professor Emeritus George Nakhutsrishvili (Ilia State University, Tbilisi) on Occasion of His 85th Birthday.* Herbarium Mediterraneum Panormitanum
- 14) *Kikvidze Z., Jolokhava T., Bakhia A., Abdaladze O.* (2020): Jumping the barrier: does a glacier tongue affect species distribution along the elevation gradient in the subnival and nival belts? A case study on Mt. Kazbegi, Georgia, Central Great Caucasus Mountains. *Botanica Serbica* 44(2): 219-229. *Jolokhava T., Abdaladze O., Gadilia Sh., Kikvidze Z.* (2020): Variable soil pH can drive changes in slope aspect preference of plants in alpine desert of the Central Great Caucasus (Kazbegi district, Georgia). *Acta Oecologica* 105, 103582 **ISI IF – 1.93**

- 15) Jolokhava T., Abdaladze O., Asanidze Z., Kikvidze Z. (2020): Distribution of plant species and the rock particle size in subnival habitats of the Central Great Caucasus. – *Soil & Environment*. Soil Science Society of Pakistan. Soil Environ. 39(2): 194-203, DOI:10.25252/SE/2020/162314 https://botanicaserbica.bio.bg.ac.rs/2020_44_2.html **ISI IF – 0.61**
- 16) Ekhvaia Zh., Simeone M. C., Silakadze N., Abdaladze O. (2018): Morphological diversity and phylogeography of the Georgian durmast oak (*Q. petraea* subsp. *iberica*) and related Caucasian oak species in Georgia (South Caucasus). *Tree Genetics & Genomes* 14 (2), 17. **ISI IF – 2.398**
- 17) Nakhutsrishvili G., Abdaladze O. (2018): Botanical and ecological studies in the Kazbegi region. N. Antidze (ed.) Museum and Cultural Heritage. Tbilisi, pp. 205-210 (*in Georgian*).

7. Participation in Scientific Conferences & Workshops in the last 5 years

1. 2023. “The results of the three cycles of Global Monitoring GLORIA Network of the Central Great Caucasus”. The 3rd World Conference on Climate Change and Global Warming (CCGCONF). 10-12 March, 2023, Prague, Check Republic.
2. 2020. CaBOL Kick-off Meeting, November 11th, Tbilisi, 2020.
3. 2019. 6th Global Summit on Climate Change. October 21-22, 2019, Amsterdam, the Netherlands. Poster: Modeling of the climate change impact on the alpine plant diversity of the Central Great Caucasus
4. 2019. 2nd Mountain Caucasus Forum. 30 October -1 November, 2019, Ankara, Turkey. Poster: Climate change impact on the alpine plant diversity of the Great Caucasus Mountains
5. 2019. (2019): International Symposium: “Botanical excursion in Colchis” (Batumi, 12-17, June, 2019).
6. 2018. INTERNATIONAL CONFERENCE ON ECOLOGICAL GRADIENTS AND VEGETATION In honor of Prof. Dr. Elgene O. Box (University of Georgia, USA), Camerino, Italy, 2018. (Presentation: Ecological Gradients and Vegetation of the Central Great Caucasus).

8. Grants received for scientific projects in the last 5 years

- 1) 2022-2023. GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit) GmbH Environmental Programme – ECOserve. "Promoting the implementation of forest sector reform in Georgia". Project № 20.2275.4-001.00 (Contract № 83421197; Treasury № 2645).
- 2) 2023. REC Caucasus (The Regional Environmental Centre for the Caucasus). “Preparation of a scheme for regional distribution, inventory and management of grasslands/pastures in Georgia”. Project № 041/RECC/G/USDA-2023-03 – Scientific expertise.
- 3) 2022. University of Vienna. „A micro-scale perspective on alpine floras under climate change. Linking observations and models to improve our understanding of the future of

European high mountain plants (MICROCLIM)“ (Registration № of the Ministry of Finance 2372).

- 4) 2021. GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit) GmbH Environmental Programme – ECOserve. „Vegetation of Natural Forests in West Georgia, the Caucasus, with focus of forest types of Ajara, Samegrelo and Svaneti“, Project №: 18.2062.0-004.00. (16.08.21-30.11.21).
- 5) 2020. GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit) GmbH Environmental Programme – ECOserve. ”Vegetation Survey of Natural Forests of Eastern Georgia for Forest Management, Conservation & Climate Change Monitoring“. Project №: 18.2062.0-004.00 „Eco-Serve“ (3.08-30.12.2020)
- 6) 2019. GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit) GmbH Environmental Programme – ECOserve. ”Vegetation Survey of Natural Forests of Eastern Georgia for Forest Management, Conservation & Climate Change Monitoring“. Project №: 18.2062.0-004.00 Project №: 18.2062.0-004.00 (83323790 / 1784).

9. Membership of scientific societies, scientific councils & editorial boards

Scientific society	GMBA (Global Mountain Biodiversity Assessment), Switzerland (From 2005)
	GLORIA-b (Global Observation Research Initiative in Alpine Environments) Consortium member (From 2001)
	Georgian Botanical Society (From 1984)
Scientific council	Member of the Council of the Faculty of Natural Sciences & Medicine, Ilia State University (2010-2012; 2015 till today)
	Member of the Representative Council, Ilia State University (2008-2010 & 2012-2015)
	Member of the Academic Council, Ilia State University (2010-2011)
	Deputy Chairman of the Scientific Council of N. Ketskhoveli Institute of Botany (2006-2008)
	Member of the Biodiversity & Environmental Issues Commission of the Georgian National Academy of Sciences (2009-2015)
	Member of the Dissertation Board (B.03.05) at the Institute of Zoology of the Georgian National Academy of Sciences (2002-2007)
Editorial board	Caucasus Biodiversity (2007) Applied Ecology and Environmental Research (2014-2017)

