

CURRICULUM VITAE

1. PERSONAL INFORMATION: Mahammad Eldarov, PhD in Biology

Gender:	Male
Country of citizenship:	Azerbaijan
Office address:	Khazar University. Graduate School of Science, Art and Technology Mahsati 41, AZ1096, Baku, Azerbaijan (+99450) 571 91 91 (+99412) 421 10 93 ext 246 meldarov@khazar.org (e-mail)

2. EDUCATION:

University	Faculty	Title of qualification awarded	Dates of admission and graduation
Colorado State University	Department of Soil and Crop Sciences	Wheat Breeding and Genetics research group (Visiting Scholar)	2019-2020
Genetic Resources Institute of Azerbaijan National Academy of Sciences	"Biological resources"	Plant Science and Biodiversity (PhD)	2012- 2017
Georg-August-Universitet Göttingen	"Biology"	Biodiversity, Ecology and Evolution (Erasmus Mobility Programme for PhD)	2013-2014
Azerbaijan State Pedagogical University	"Biology"	Methods and methodology of teaching Biology (Master degree)	2009 - 2011
Azerbaijan State Pedagogical University	"Biology"	Science in Biology (Bachelor degree)	2004-2008

3. PROFESSIONAL CAREER:

Name of employer	Department and position held	Dates
Khazar University	Graduate School of Science, Art and Technology Coordinator of Science and Engineering	2020 - present
Food Safety Institute of The Republic of Azerbaijan	Bioengineering Research department Head of the department	2018 - 2020
Genetic Resources Institute of ANAS	"Molecular cytogenetics" department Senior Research Fellow	2017 – 2018
Genetic Resources Institute of ANAS	"Molecular cytogenetics" department Research Fellow	2012 - 2018
Genetic Resources Institute of ANAS	"Bioecology" department Junior Research Fellow	2009 - 2012
Chairman of "Council of Young Scientist and Specialists" of Institute of Genetic Resources		2013 - 2018

4. INTERNATIONAL AND NATIONAL TRAININGS:

Name of Training	Name of Organization	Town and Country	Dates
State of the art statistical and bioinformatics tools by utilizing the latest molecular genetic methods and facilities (Next Generation Sequences)	Colorado State University	Colorado, USA	25.09.2019 / 02.08.2020
Workshop on Improving National Codex Capacities	Food and Agriculture Organization of the United Nations (FAO)	Baku, Azerbaijan	05-06/02/2019
The Workshop on Microbiology and Molecular Biology	India, HIMEDIA	Baku, Azerbaijan	17-19/12/2018
Food diagnostics analysis by qPCR	Biotecon Diagnostics and Altigen	Baku, Azerbaijan	25.10.2018 /

			26.10.2018
Central Asia and Caucasus Wheat Improvement training	CIMMYT and FAO	Turkey and Mexico	22 February / 22 March 2018
Basic Wheat Improvement Course	FAO (Food and Agriculture Organization) and CIMMYT (International Maize and Wheat Improvement Center)	El Batan, Texcoco, Obregon, Mexico	23 March / 25 May, 2018
Collecting, Handling and Long-Term Conservation of Seeds of Wild Species Relative to Crop	United Kingdom, Millenium Seed Bank Partnership (Royal Botanic Gardens, Kew)	Baku, Azerbaijan	23.05.2016 / 27.05.2016
“Next Generation Sequencing Practical Course”	Genetic Resources Institute of ANAS	Baku, Azerbaijan	01.06.2015 / 05.06.2015
“Designing and statistical data analysis of plant variety trials” training course	Food and Agriculture Organization (FAO)	Khyrdalan, Azerbaijan	22.11.2014 / 02.12.2014
“Recent topics in plant ecology and nature conservation” Seminars	Georg-August-Universitet Göttingen (Albrecht-von-Haller-Institut für Pflanzenwissenschaften)	Göttingen, Germany	31.01.2014 / 06.02.2014
“Seed Conservation Techniques training course”	United Kingdom (Royal Botanic Gardens, Kew), SCD (Seed Conservation Department)	London, England	09.09.2012 / 29.09.2012
“DIVA-Gis” Program	Genetic Resources Institute of ANAS	Baku, Azerbaijan	30.03.2011 / 31.03.2011

5. LANGUAGE:

Mother tongue(s): **Azerbaijani**

Other Languages	Listening	Reading	Speaking	Writing
Turkish	C1	C1	C1	C1
English	B2	B2	B2	B2
Russian	B2	B2	B2	B2
Spanish	A1	A1	A1	A1

Levels: A1/A2: Basic user – B1/B2: Independent user – C1/C2 Proficient user
Common European Framework of Reference of Languages

6. COMPUTER SKILLS AND COMPETENCES:

Microsoft Office programs (Word, Excel, Power-Point & Internet); Adobe Photoshop; PC Image Editor; Diva-Gis; TSAPWin; Axion Vision 4.9; Structure 2.3.4; JoinMap4; DARwin 6. TASSEL 5.0 and TASSEL Version 5.0 Standalone; TablePlus; SQLite Version 3; Bio R, R & R Studios;

7. NATIONAL AND INTERNATIONAL GRANTS:

1.	Dr. Sanjaya Rajaram Central Asia and Caucasus Wheat Improvement Scholarship 2018 Turkey and Mexico.
2.	FAO and Borlaug Training Foundation 2018, Mexico
3.	Adapting Agriculture to Climate Change: Collecting, Protecting, and Preparing Crop Wild Relatives (CWR Project) “Towards a more complete coverage of the diversity of crop wild relatives in <i>ex-situ</i> collections” (Crop Wild Relatives in Azerbaijan 01.04.2015 – 26.12.2017).
4.	California Lettuce Research Board. Project title: Lettuce Breeding, USDA-ARS (April 1, 2015 – March 31, 2016).
5.	Volkswagen Foundation: Title: Forest regeneration and biodiversity at the forest-steppe border of the Altay and Khangay Mountains under contrasting developments of livestock numbers in Kazakhstan and Mongolia. 2013-2014 in Germany:
6.	Erasmus Mundus, ALRAKIS II Scholarship: “Tree-ring analyses to detect the climate response of radial stem growth in wood samples from Central Asia.” (01.03.2013-28.02.2014, Goettingen, Germany)
7.	Winner of national grant: Science development foundation under the President of the Republic of Azerbaijan: Project Title: The development of the scientific principles of the bio-systematic research, protection and <i>in-situ</i> recovery of the Critically Endangered (CR) higher plants: Date:01.03.2011/01.03.2012 / Grant Agreement number:

8. HONORS/AWARDS:

1.	In 2020 I was been awarded a grant from Roy Mongelli International Student and Scholar Support fund in the Colorado State University
2.	In 2019 Chairman of the Food Safety Agency of the republic of Azerbaijan awarded honorary decree on occasion of the World Food Security day June 7 for his fruitful work and proper performance of his duties (Goshgar Tahmazli).
3.	In the 2015 was winner of the “Youth Award” by the The Ministry of Youth and Sports of the Republic of Azerbaijan (Azad Rahimov).
4.	In the 2015 was awarded “Honor Diploma” of Department of Agrarian Sciences, by the academician of ANAS (Garib Mammadov).
5.	“According to scientific activities in the 2014” awarded the “Honor Diploma of ANAS by the President of Azerbaijan National Academy of Sciences (Academic Akif Alizadeh).

9. SELECTED PUBLICATIONS:

Dulamsuren Ch, Abilova SB, Bektayeva M, **Eldarov M**, Schuldt B, Leuschner C, Hauck M. (2018). Hydraulic architecture and vulnerability to drought-induced embolism in southern boreal tree species of Inner Asia. *Tree Physiology* 00, 1–11. <https://academic.oup.com/treephys/advance-article-abstract/doi/10.1093/treephys/tpy116/5153307>

Eldarov, M., Aminov, N., van Slageren, M. (2018). Distribution and new variability of *Aegilops cylindrica* Host in Azerbaijan. *Genetic Resources and Crop Evolution* 65 1307-1316. <https://link.springer.com/article/10.1007/s10722-018-0615-8>

Khansaritoreh, E., **Eldarov, M.**, Ganbaatar, K., Saindovdon, D., Leuschner, C., Hauck, M., & Dulamsuren, C. (2017). Age structure and trends in annual stem increment of *Larix sibirica* in two neighboring Mongolian forest-steppe regions differing in land use history. *Trees* 31, 1973-1986. <https://link.springer.com/article/10.1007/s00468-017-1601-z>

Eldarov M., Aminov, N., van Slageren, M. (2015). Distribution and ecological diversity of *Aegilops* L. in the Greater and Lesser Caucasus Regions of Azerbaijan. *Genetic Resources and Crop Evolution* 62, 265-273. <https://link.springer.com/article/10.1007/s10722-014-0151-0>

Mursalova, J., Akparov, Z., Ojaghi, J., **Eldarov, M.**, Belen, S., Gummadov, N., & Morgounov, A. (2015). Evaluation of drought tolerance of winter bread wheat genotypes under drip irrigation and rain-fed conditions. *Turkish Journal of Agriculture and Forestry* 39, 817-824. <https://journals.tubitak.gov.tr/agriculture/abstract.htm?id=16882>

Elmira Khansaritoreh, Choimaa Dulamsuren, **Mahammad Eldarov**, Christoph Leuschner, Markus Hauck. (2015). Age structure and annual stem increment in two forest-steppe regions at different land-use intensities. *Management & Ecosystem Services Poster Abstracts. / High Tatra Mountains 7-9 July*.

Eldarov M.E, Aminov, N.Kh. & van Slageren M. (2017). Ecological and botanical diversity of *Aegilops* L. species in Absheron and Kur-Araz regione // *Azerbaijan National Academy of Science, Council of Young Scientists and Specialists* scientific-practical journal (biology, medicine and agrarian science). Baki, 3(1), p. 162-167 (in Azerbaijani).

Eldarov M.E., Aminov N.Kh. & van Slageren M. (2017) Biomorphological features of *Aegilops tauschii* Coss. distributed under different ecological conditions of Azerbaijan // *Azerbaijan National Academy of Science, Proceeding (biological and medical science)*. 72(2), p. 60-65 (in Azerbaijani).

Mursalova J.M., Akparov Z.I., Ojaghi J.M., **Eldarov M.E.**, Morgounov A.I. (2016). Potential usefulness of the morphological traits for evaluation of drought resistance in winter wheat / Всероссийская конференция с международным участием “50 лет ВОГиС: успехи и перспективы”. Москва, 8-10 ноября, p. 348.

Mursalova J.M., **Eldarov M.E.**, Sharifova S.S. (2016). Gen-spesefik praymerlərin dizayn edilməsi // *International Youth Forum: İntegration processes of the world science in the 21st century*, Ganja, 10-14 October, p.210-211.

Mursalova J.M., Akperov Z.I., Sharifova S.S, Ojaghi J.M., **Eldarov M.E.**, Morgounov A.I., Trojanowska M.R. (2015). Investigation of genetic diversity of wheat genotypes (*Triticum aestivum* L.) using microsatellite markers // *The Reports of the Azerbaijan National Academy of Sciences*. Baku, V. LXXI, №2, p. 87-92.

Eldarov M.E., Aminov N.Kh. (2015). Distribution and ecological diversity of *Aegilops* L. species in the south region of Azerbaijan // *Journal of Qafqaz University (biological sciences)*, Baku, 3(2), p. 152-156.

Eldarov M.E. Mursalova J.M. (2015) Eko-geographical distribution of *Aegilops* L. species in Azerbaijan / *Azerbaijan National Academy of Science, Council of Young Scientists and Specialists – Academic Science Week - 2015 International Multidisciplinary Forum*. p. 310. (in Azerbaijani).

Eldarov M.E., Aminov N.Kh. & van Slageren M. (2015). Eco-botanical diversity of *Aegilops* L. species in Nakhchivan AR // *Azerbaijan National Academy of Science, Proceeding (biological and medical science)*. 70(3), p. 82-87. (in Azerbaijani).

Eldarov M.E. & Azizkhanly Kh.M. (2012) Bio-ecological characteristics and ecological assessment of some rare, endemic and fodder plants of Legumes belonged to the floristic mountain area of Guba and Gusar region of the (Great Caucasus) / Институт Ботаники Им. М.Г. Холодного Нан Украины Ужгородский Национальный Университет, Международная конференция молодых ученых “Актуальный Проблеммы Ботаники и Экологии” Украйна, Ужгород, p.180-181.

Asgarov A.M., Qadirov Q.I. **Eldarov M.E.**, Asadova K.V., Azizkhanly X.M., and Guvandiyev V.M. (2012). Bioecological characteristics and ecological assessment of some rare and endemic fodder plants of legumes belonged to the floristic mountain area of Guba region of the Great Caucasus // *Azerbaijan National Academy of Science, Institute of Genetic Resources. Scientific works*, p.132-138 (in Azerbaijani).

Asgarov A.M., Asadova K.V., Guvandiyev V.M., Azizkhanly X.M., and **Eldarov M.E.** (2012). Ecological assessment and new spreading areas of some endangered supreme plants in the Absheron peninsula // *The Reports of the Azerbaijan National Academy of Sciences*. Baku. (LXVIII, № 1) p.99-105 (in Azerbaijani).

Asgarov A.M., Qadirov Q.I., Asadova K.V., Guvandiyev V.M., Azizkhanly X.M., and **Eldarov M.E.** (2011). Investigation of wild relatives from Leguminous and grains families of the eastern part (Siyazan, Shabran and Khachmaz regione) of the Great Caucasus // *Azerbaijan National Academy of Science, Institute of Botany. Scientific works*, 31. p. 17-24 (in Azerbaijani).