**Resume**

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|  | **Full Name**  **(by identity card)** | Sarsekova Dani Nurgisaevna |
| **Date of Birth** | 07.07.1961 |
| **Gender (male / female)** | Female |
| **Nationality** | Kazakh |
| **Citizenship** | The Republic of Kazakhstan |
| **Mobile phone,**  **Email** | +77013161442  [dani.sarsekova @kaznaru.edu.kz](mailto:ainur.utebekova@kaznaru.edu.kz) [Dani999@mail.ru](mailto:Dani999@mail.ru) |
| **Place of work:** | **KazNARU** | |
| **Position:** | Dean of the Faculty of Water, Land and Forestry Resources | |
| **Academic degree, title:** | Doctor of Agricultural Sciences, Professor | |
| **Education:** | Higher:  1979-1984 Kazakh Agricultural Institute in Almaty, Faculty of Forestry  1986-1988 Higher Party School, Faculty of “Ideological Personnel”  1986-1990 Postgraduate studies at the Kazakh Research Institute of Forestry and Agroforestry, Shchuchinsk  2004-2008 Doctoral studies at the Ural Forestry Engineering University, Ekaterinburg, Russian Federation | |
| **Work experience:** | 1984-1991 Junior researcher at the West Kazakhstan forest experimental station KazNIILKHA, Aktyubinsk  1991-1994 Assistant at the Department of Forestry, Kazakh Agricultural Institute, Almaty  1996-1994 Head of the Department of Forestry and Game Science, Kazakh Agricultural University, Almaty  1997 -2007 Associate Professor, Department of Forest Resources and Game Science, Kazakh National Agrarian University  2007 -2008 Deputy Dean for Scientific Work, Faculty of Forest, Land and Water Resources, KazNAU, Almaty  2007-2008 Head of the Department of Forestry and Forestry, Kazakh National Agrarian University, Almaty  2010-2012 Acting professor of the Kazakh National Agrarian University, Almaty-  2012-2021 Head of the Department of Forest Resources and Forestry NJSC "KATU named after S. Seifullin", Astana  2021-2023-Dean of the Faculty of Forestry, Wildlife and Environment, NJSC KATIU named after S.Seifullin, Astana  08/21/2023 -12/04/2023 - Head of the Department of Forest Resources, Game Science and Fisheries, NJSC "Kazakh National Agrarian Research University", Almaty  From 12/04/2023 to present, Dean of the Faculty of Water, Land and Forest Resources, NJSC Kazakh National Agrarian Research University, Almaty | |
| **Internship and participation in international projects** | -FAO Seminars “The Impact of Forest Policy on Local Populations”, Istanbul, Turkey, 2014.  - Scientific internship on the topic: “Determination of carbon content in forest soils subject to different levels of anthropopression”, Krakow Agricultural University, Poland, April 2014.  - Scientific internship on environmental deposition and plantation forestry at the University of Göttingen, Germany and the University of West Hungary, Sopron, Hungary, October-November, 2016.  -Scientific internship at the Institute of Forestry of the Russian Academy of Sciences, December 2016.  -Scientific internship at the Warsaw University of Sciences (Poland, 2017) and the Research Center for Ecology and Applied Forestry (Barcelona, ​​Spain, 2017) on plantation forestry from fast-growing tree species.  -Scientific internship at Kauko International, Finland, 2018.  -United Nations Research Internship on Green Jobs, Geneva, September 2019  -International seminar on desertification in arid zones of Central Asia, December 9-13, 2019, Haikou, China  - Scientific internship at Karadeniz Technical University on mycorrhization of forest seedlings, October 19-25, 2020 and August 20-25, 2021, Trabzon, Turkey.  -International seminar on the Erasmus educational program, November 9-13, 2021, Khorog, Tajikistan  -International 3 Taklamakan Forum on Desertification June 10-18, 2023, Korla, China  -9 International Kubuchi Forum on Desert Biodiversity August 24-29, 2023, Kubuchi, China  - FAO International Seminar “Basic principles for combating the negative consequences of climate change in forestry”, September 26-30, 2023, Antalya, Turkey.  -Scientific internship “Mapping shelterbelts” at the Czech University of Higher Sciences, Prague, November 25 to December 3, 2023. | |
| **Scientific projects that she has led over the past 10 years:** | **Scientific projects where she has been a leader over the past 10 years:**  1. “Scientific justification and development of intensive technologies for mini-rotation cultivation of highly productive forest plantations for energy purposes and assessment of carbon sequestration in the green belt of Astana”: (2015-2017)  2. “Landscape and environmental assessment of the state of green spaces in the city of Astana and suburban areas, ways to optimize the landscaping system” (2018-2020)  3. Joint technical research on the creation of environmental protection in developing cities of the “Silk Road Economic Belt” of the People’s Republic of China and the Republic of Kazakhstan” (mn project 2016-2022)  4. 4PTsF MOA/18 “Mycorrhizal macromycetes of the main forest-forming species of Central and North-Eastern Kazakhstan and their use for artificial mycorrhization of seedlings of forest tree species.” (2018-2020)  5. Development of the professional standard “Forestry”, PF “Executive Directorate of the International Fund for Saving the Aral Sea in the Republic of Kazakhstan” (July 2-December 31, 2018)  6. Provision of services for the development of standard production standards and time standards for forestry activities of the Committee for Forestry and Wildlife of the Ministry of Agriculture of the Republic of Kazakhstan (September-November 2018)  1. “Standards for work on aviation protection of forest resources”  2. “Standards for fire prevention measures per 1000 hectares of the total forest area”  3. “Standards for material and technical support of forest fire stations for forest owners”  4. “Standards for forest protection in areas of the state forest fund”  5. “Standards for the provision of machinery and equipment for carrying out measures for the protection and protection of forests in areas of the state forest fund”  6. Standards for the provision of communications equipment and satellite navigation devices, provided facilities and equipment for carrying out measures for the protection and protection of forests in areas of the state forest fund  7. “Mapping of forest shelterbelts, their impact on productivity and water resources, expansion prospects, using geospatial technologies in the Akmola region.” Ministry of Education and Science of the Republic of Kazakhstan for 2023-2025. | |
| ***h-index for Web of Science, Scopus*** | h-index Веб оф Сайнс-3, h-index по Скопус- 4 | |
| ***Scientific activity***  ***Head and/or performer of research in the Republic of Kazakhstan*** | 230 scientific papers, of which 24 articles in the Scopus database, Web of Science, 50 articles in publications preferred by COXON MES RK | |
| ***Training of highly qualified personnel*** | Monographs, textbooks and teaching aids:  1. Technology of irrigated forestry in the southeast of Kazakhstan//Monograph. Lambert Academic Publishing, Germany, 2012. 419 s  2. Sarsekova D.N., Esmurazaeva A.K., Rau A.G. Parameters of irrigation and drainage in rice systems of Kazakhstan // Monograph. Lambert Academic Publishing, Germany, 2013  3. S. Bayzakov.,I. Koval., Sarsekova D.N., A. Borovkov. etc. Kazakhstan ormanshysynyn anyktamalygy // Astana. 2012 – 384 b. Astana, 2012 KR ASHM OASHK  4. S. Bayzakov.,I. Koval., Sarsekova D.N., A. Borovkov. and others. Forester's Handbook// Astana, 2012 KLHZh Ministry of Agriculture of the Republic of Kazakhstan  5. D. N. Sarsekova, E. M. Kaspakbaev. Ormanshylyk// About the Republic / Kazakhstan Republics - Almaty: Aitumar, 2013. - 150 b  6. Sarsekova, Dani, Ludek Sisak, S. Kitaibekova Multifunctional Value of Forests and Forestry Management in Kazakhstan and Czech Republic //Tutorial///. - Astana: KazATU, 2017. - P166.  7. Sarsekova D.N., Muranets A.P., Nurlabi A.E. Atlas of tree and shrub species of the city of Astana. // KATU Publishing House, Astana 2019.  8. Sarsekova D.N., Mambetov B.T., Abzhanov T.S. Protection of forests from pests and plant diseases // Textbook. – RUMS, KazNAIU, 2021. -150 p.  9. D.N. Sarsekova, E.M.Kaspakbaev, B.A.Kentbaeva, T.S.Abzhanov. Surektanu zhane orman tauarlaryn tanu// Okulyk – RUMS KazNAIU, Almaty: ZhS Lantar Trade, 2021. -155 b. | |
| ***Total number of scientific publications*** | in international peer-reviewed scientific journals  1. Kitaibekova, Sara;Toktassynov, Zhailau; Sarsekova, Dani; Mohammadi Limaei, Soleiman; Zhilkibayeva, Elmira. Assessment of Forest Ecosystem Services in Burabay National Park, Kazakhstan: A Case Study// Sustainability (Switzerland)Открытый доступТом 15, Выпуск 5. March 2023 Номер статьи 4123. (Q1)  DOI 10.22124/cjes.2023.7154  2. Sarsekova, D. Mukhtubayeva, S. Shaldybayeva, A. Identification of promising types of shrubs suitable for introduction in Astana, Kazakhstan //Caspian Journal of Environmental Sciences, 2023, 21(4), P.955–963(Q2)  DOI 10.22124/CJES.2023.6937  2. Yusen Chen, Shihahg Zhang, Yongdohg Wang, Talgat Abzhanov, Dani Sarsekova and others. The Spatial Distribution of Soil Nitrogen Storage and the Factors That Influence It in Central Asia’s Typical Arid and Semiarid Grasslands// Diversity,14(6), 459, 2022. (Q1).  URL https://doi.org/10.3390/d14060459  DOI https://doi.org/10.3390/d14060459  3. Makhanova N., Berdenov Z., Wendt J.A, D. Sarsekova. Biogeographic potential of the north Kazakh plain in the perspective of health tourism development/ Geojournal of Tourism and Geosites, 2022, Volume 40 (1), P. 253-258. (Q2, Percentile 69).  URL https://www.researchgate.net/publication/359630149  DOI https://doi.org/10.30892/gtg.40130-826  4. D. Sarsekova, B. Osserkhan, T. Abzhanov A. Nurlabi. Mycorrhiza Formation in Pinus Sylvestris and Picea Obovata Seedlings in Forest Nurseries in Kazakhstan /Acta Botanica Hungarica, Volume 63: Issue 3-4, 2021, Р. 427-446. (Percentile 57).  URL https://akjournals.com/view/journals/034/63/3-4/article-p427.xml  DOI https://doi.org/10.1556/034.63.2021.3-4.12  5. Dani Sarsekova, Sezgin Ayan, Gani Kenesaryuly, Ergin Yilmaz, Orhan Gülseven, İlknur Şahin. Accumulation of heavy metal pollution caused by traffic in forest trees in the park of Kerey and Janibek Khans of the city of Nur-Sultan, Kazakhstan /Journal of forest science, 2021. Volume 67|70. P. 357-366. (Percentile 50).  URL https://jfs.agriculturejournals.cz/pdfs/jfs/2021/07/05.pdf  DOI https://doi.org/10.17221/37/2021-JFS  6. D.Sarsekova., T. Abzhanov, A. Nurlabi. Preliminary results of the effect of artificial mycorrization on the growth of siberian spruce (Picea obovata ledeb.) seedlings and soil properties / Agriculture and Forestry, 2021, Volume 67, P.43-59. (Percentile 30).  URL http://www.agricultforest.ac.me/paper.php?id=3061  DOI https://doi.org/10.17707/AgricultForest.67.3.04  7. Simonyan, G.S. Sarsekova D.N. Analysis of the ecological state of the trees by geo-ecological evolving organising index / Oxidation Communications, 2021, 44(3), P. 696-699. (Percentile 22)  URL https://scibulcom.net/en/article/fd6Ma4tMDYeNIwlCkW6d  8. Sarsekova Dani, Ayan Sezgin, Perzadayeva Akmaral, Kitaibekova Sara. Recommendations for Sustainable Greening of Urbanized Ecosystems in Dry-Steppe Zones of Akmola Region, Kazakhstan / ALINTERI JOURNAL OF AGRICULTURE SCIENCES. 2021, Volume 36, Issue 1, P.99-108. (Q4).  URLhttp://alinteridergisi.com/article/sustainable-greening-of-urbanized-territories-of-dry-steppe-zones-of-akmola-region-in-kazakhstan/  DOI https://doi.org/10.47059/alinteri/V36I1/AJAS21016  9. Zhazira Zhumabekova, Xinwen Xu, Yongdong Wang, Chunwu Song, Alzhan Kurmangozhinov, Dani Sarsekova. Effects of Sodium Chloride and Sodium Sulfate on Haloxylon ammodendron Seed Germination /Journal: «Sustainability», 2020, Volume 12, № 12, P.4927 (Q2, Percentile 86).  URL https://www.mdpi.com/2071-1050/12/12/4927  DOI https://doi.org/10.3390/su12124927  10. D. Sarsekova, S. Ayan, T. Abzhanov. Ectomycorrhizal Flora Formed by Main Forest Trees in the Irtysh River Region of Central and Northeastern Kazakhstan / SOUTH-EAST EUROPEAN FORESTRY, 2020, Volume 11, № 1, Р. 61-69. (Percentile 42).  URL https://www.researchgate.net/publication/341305697  DOI https://doi.org/10.15177/seefor.20-06  11. Vaishlya, O., Karbysheva,K., Sarsekova D., Aidarkhanova, G. Ecological Aspects of Pinus sibirica du Tour Mycotrophy in Forest Ecosystems of West Siberia /IOP Conference Series: Earth and Environmental Science, 2019, 224(1), 012049. (Percentile 20).  URL https://iopscience.iop.org/article/10.1088/1755-1315/224/1/012049  DOI https://doi.org/10.1088/1755-1315/224/1/012049  12. D. Sarsekova, Simonyan, G.S. Features of genetic dynamics of some species of the pine family in the semi-desert zone of Kazakhstan / Oxidation Communications, 2019, 42(4), P.527-539 (Percentile 22).  URL hhttps://scibulcom.net/en/article/Tslw1wOW7nO8GcFU83iz  13. Tumenbayeva, A.R., Sarsekova D.N., Malek, S., Carbon sequestration of above-ground biomass of Pinus sylvestris L. in the green belt of the city of Astana / Folia Forestalia Polonica, Series A., 2019. 60(3), P. 137-142. (Percentile 40).  URL https://sciendo.com/it/article/10.2478/ffp-2018-0013  DOI https://doi.org/10.2478/ffp-2018-0013  14. Mussayeva Binazir, Mokrzycki Tomasz, Sarsekova Dani. Influence of the disturbance depth on the number of Pinus sylvestris L. pest species and their abundance in the forests of north−eastern Kazakhstan / Sylwan 163 (12): P.1035−1042, 2019. (Percentile 31).  URL https://www.cabdirect.org/cabdirect/abstract/20219934986  DOI https://doi.org/10.26202/sylwan.2019088  15. Tumenbayeva, A.R., Sarsekova D.N., Malek, S. Determination of taxation indicators and carbon and nitrogen sequestration of phytomass of scots pine (Pinus sylvestris L.) in the green belt of the city of Astana / Ecology, Environment and Conservation 24 (3), 2018, P. 1027-1032. (Q4).  URL http://www.envirobiotechjournals.com/article\_abstract.php?aid=8854&iid=258&jid=3  16. Simonyan, G.S., Simonyan, A.G., Sarsekova D.N., Sayadyan, M.L., Pirumyan, G.P. Analysis of environmental status of wood and shrub vegetation by the armenian index of environmental quality / Oxidation Communications, 2018, 41(4), с. 533-541. (Percentile 22).  URL https://scibulcom.net/en/article/9IeWoS5HiJ3di1Z2ywEc  17. Sarsekova D.N., Maissupova, I.K., Boranbay, Z.T. Determination of reserves of phytomass and circannual deposition of fast-growing wood species in central Kazakhstan / EEC-EM - Ecology, Environment and Conservation 15 January, 2017. ). Volume 23, Issue 1, P. 256-261. (Q4, Percentile 20).  URL http://www.envirobiotechjournals.com/article\_abstract.php?aid=7629&iid=225&jid=3  18. Maissupova, I.K., Sarsekova D.N., Weger, J., Bubeník, J. Comparison of the growth of fast-growing poplar and willow in two sites of Central Kazakhstan / Journal of Forest Science, 63(5), 2017. P. 239-244. (Percentile 50).  URL https://jfs.agriculturejournals.cz/pdfs/jfs/2017/05/05.pdf  DOI https://doi.org/10.17221/101/2016-JFS  19. Sarsekova Dani N. Genetic dynamics of coniferous introducents in the conditions of a foothill desert-steppe zone in the south of Kazakhstan / CBU International conference proceedings 2017: innovations in science and education, 2017. Volume 5, P.1204-1209. (Percentile 20).  URL https://ojs.journals.cz/index.php/CBUIC/article/view/1097  DOI https://doi.org/10.12955/cbup.v5.1097  20. Sarsekova, D., Mukhtubayeva, S., Shaldybayeva, A. Identification of promising types of shrubs suitable for introduction in Astana, Kazakhstan (2023) Caspian Journal of Environmental Sciences, 21 (4), pp. 955-963.  21. D Sarsekova, S Mukhtubayeva and A Shaldybayeva.Viability and reproducibility of acclimatized shrubby plants in the conditions of Akmola region//IOP Conference Series: Earth and Environmental Science, Volume 1142, 3rd International Conference on Energetics, Civil and Agricultural Engineering 2022 13/10/2022 - 16/10/2022 Online  **in publications recommended by KOKSON MES RK**  1. Sarsekova D.N., Nurlabi A.E. “Ertis ormany” memlekettik orman tabigy reservatynyn Shaldai ormanshylygyy orman ekozhuyesindegi mykorizalardyn morphoptik erekshelikteri” // “3i: intellect, idea, innovation - intellect, idea, innovation” 2023. Nauryz, No. 1, March 2023 191-201b. DOI: 10.52269/22266070\_2023\_1\_191  2. Sarsekova D.N., Mukhtubaeva S.K., Shaldybaeva A.N., Zharlygasov Zh.B. Akmola oblisynda kogaldandyruga engizu ushіnprospektivaly osimdikterdің kurғakshylykka tozіmdіlіgіn zertteu // “3i: intellect, idea, innovation - intellect, idea, innovation” 2023 zheltoksan, No. 4. 85-95b.  3. Shaldybaeva A.N., Sarsekova D.N., Mukhtubaeva S.K., Boranbai Zh.T., Aitlesov K.K., Daribay T.O. Akmola oblasy zhagdayynda zhersіndіrіlgen bҧtaly osіmdіkterdіn osuimen damuynyn mousymdyk yrgagyn bagalau// gylym zhane bіlim. 2023. no 4-2(73)\_34-44b  4. Sarsekova.D.N., Oserkhan B., JACEK P., Zharylgasov Zh.B. Akkol" oshm kmm orman koshetjaiynda pinus sylvestris seppe koshetterin jasandy mikorizdeu // No. 3 (2022): // “3i: intellect, idea, innovation - intelligence, idea, innovation” 155-163 b.  5. Sarsekova D.N., Abzhanov T.S., Nurlabi A.E., Orynbaeva A.M. The influence of mycorrhiza on the growth and development of coniferous and deciduous species in North-Eastern and Central Kazakhstan // “Gylym zhane Bilim” Gylym - practical journals. –2020.- No. 3–2 (60). – pp. 160-167.  6. Sarsekova D.N., Perzadaeva A.A. Abzhanov T.S. Monitoring of roadside areas of the Nur-Sultan – Karaganda highway //3I: Intellect, Idea, Innovation 2020, No. 2, p. 109-118  7. Sarsekova D.N., Abzhanov T.S., Obezinskaya E.V. Silvicultural efficiency of artificial mycorrhization of seedlings in the nursery // “Gylym Zhane Bilim” Gylym - practical journals. – 2019.- No. 4(57) P. 81-87  8. Sarsekova D.N., Oserkhan B., Sirman D.Yu. Main growth biometric indicators of Picea obovata and Pinus sylvestris during pre-planting exposure to mycorrhizal substrates on the root system // “3i: intellect, idea, innovation” Kostanay State University named after Baitursynov . -2019. -No. 3. –P.52-59.  9. Sarsekova D.N., Oserkhan B., Musaeva B.M. Mycorrhiza tүzushі sңyrauқұlaқtar zhәne olardyn ағаш ұқымдастрян асері//“Ғылім зәне Білім” ғылім - practical journals. – 2018.- No. 4(53) P. 175-178  10. Sarsekova D.N., Perzadaeva A.A., Obezinskaya E.V. Landscape and ecological assessment of tree and shrub vegetation of the Kerey Zhanibek Khandary park // Bulletin of Science of the Kazakh Agrotechnical University. S. Seifullina (interdisciplinary) No. 3 (98), 2018, 35-46 pp.  11. Kitaibekova S.O., Sarsekova D.N., ToktassynovZh.N.Assessment of recreational function of forests applying contingent valuation // Gylym zhane bilim No. 3-2 (72) 2023, 287-300 P  **in conference proceedings**  1. Sarsekova D.N., Nurlabi A.E.The use of biopreparation for artificial mycorrhization seedlings of forest tree species in north – eastern Kazakhstan // “Eurasian Scientific Association”. – 2020. -№9 (67). – P. 431 – 435.  2. Sarsekova D.N., Obezinskaya E.V., Nurlabi A.E. Experience of artificial mycorrhization of Scots pine and silver birch seedlings in the GLPR nursery “Ertis ormany” // Znanstvena misel journal - 2019. -№34.– p.6 -10.  3. Sarsekova D.N., Kitaibekova S.O. Economic Estimation of Recreational Forest Use in Snnp ''Burabay'' // Advances of modern science. Volume: 1, No. 8, 2017, pp. 163-166 | |
| ***Educational and methodical publications:*** | - Certificate of Honor from the Ministry of Agriculture of the Republic of Kazakhstan, 2008  - Taylor Gold Medal, 2012  - International scholarship of the President of the Republic of Kazakhstan “Bolashak”, 2012  - State grant “Best University Teacher”, 2013  - Certificate of honor from the Ministry of Education and Science of the Republic of Kazakhstan, 2015  - Winner of the title "Best in Education"  -Breastplate named after Altynsarin of the Ministry of Education and Science of the Republic of Kazakhstan, 2017.  -Anniversary medals of KazNAU, 2008, KATU named after S.Seifullin, 2012 and 2017.  -Honorary Citizen of the Republic of Kazakhstan, 2021  -Anniversary medal “30th anniversary of the Republic of Kazakhstan”, 2021  -Honored Forester, badge of the Forestry and Forestry Department of the Ministry of Economy of the Republic of Kazakhstan, 2023.  -Man of the Year of the Republic of Kazakhstan, order, 2023 | |
| ***Knowledge of languages:*** | English, Russian | |
| ***Family composition:*** | Married. Husband and son: | |