

## Assoc. Prof. Ramil Sadıqov

### Personal Information

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### International Researcher IDs

ScholarID: 61PiTaUAAAAJ

ORCID: 0000-0003-3960-5384

Publons / Web Of Science ResearcherID: GRR-8085-2022

ScopusID: 58922228500

### Biography

Me, Sadıgov Ramil Ali, was born on November 2, in 1983 in Fuzuli region in Karabakh Economic Region.

In 1989-1990 academic year, I went to the first grade of Fuzuli district's secondary school № 3, named after Kh. Natavan. In 1992, due to the war, I moved to Baku and continued my education at Secondary School № 46 in Khatai District.

#### High education:

1. 2000-2004. Baku State University, Bachelor's Degree in Environmental Protection and Efficient Use of Natural Resources, Majoring in Ecology and Nature Use (B No. 028407, Bachelor's Diploma with Honors)
2. 2004-2006. Baku State University, Geographical Ecology specialty in the field of ecology and nature use (MNB 004736, master's degree)
3. 2007-2010. Azerbaijan National Academy of Sciences, Scientific Research Institute of Erosion and Irrigation, post-doctoral student in soil science (under the guidance of Prof. B. Aliyev)

Field of study (Dissertation): "Effect of erosion processes on soil fertility parameters in the mountain-agricultural zone of the northeastern slope of the Lesser Caucasus (on the example of Gadabay region)"

2007-2013. Research and monitoring of the erosion processes that took place on the north-eastern slope of the Lesser Caucasus, study of the effect of fertility parameters on erosion processes in the soils of the mountain-agricultural zone of Gadabay region, study of the impact of diagnostic indicators on the soil, drawing up a new soil-erosion map-scheme of Gadabay region.

4. According to the decision of the Higher Attestation Commission dated April 1, 2014 (protocol No. 09-k), the scientific degree of Doctor of Philosophy in Agrarian Sciences was awarded: (FD No. 08764)

5. 2015/2020 Azerbaijan National Academy of Sciences, Scientific Research Institute of Soil Science and Agrochemistry, doctoral student (doctor of sciences), (under the guidance of Academician G.Sh. Mammadov)

Field of study (Doctoral Dissertation): "Scientific foundations of land assessment, zoning and management of the

<b>Education:</b>	<p>2000-2004. Baku State University, Bachelor's Degree in Environmental Protection and Efficient Use of Natural Resources, Majoring in <b>Ecology and Nature Use (B No. 028407, Bachelor's Diploma with Honors)</b></p> <p>2004-2006. Baku State University, <b>Geographical Ecology</b> specialty in the field of ecology and nature use <b>(MNB 004736, master's degree)</b></p> <p>2007-2010. Azerbaijan National Academy of Sciences, Scientific Research Institute of Erosion and Irrigation, post-doctoral student in soil science (under the guidance of Prof. B. Aliyev)</p> <p><b>Field of study (Dissertation): "Effect of erosion processes on soil fertility parameters in the mountain-agricultural zone of the northeastern slope of the Lesser Caucasus (on the example of Gadabay region)"</b></p> <p>According to the decision of the Higher Attestation Commission dated April 1, 2014 (protocol No. 09-k ), the scientific degree <b>of Doctor of Philosophy in Agrarian Sciences was awarded: (FD No. 08764 )</b></p> <p>2015/2020 Azerbaijan National Academy of Sciences, Scientific Research Institute of Soil Science and Agrochemistry, doctoral student (doctor of sciences), (under the guidance of Academician G.Sh. Mammadov)</p> <p><b>Field of study (Doctoral Dissertation): "Ecological evaluation of the soils of the New Shamkirchay Reservoir Basin"</b></p>
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<p><b>Advantages :</b></p>	<ol style="list-style-type: none"> <li>1. Author of the monograph "Applied Ecology" (published in 2019);</li> <li>2. The author of the monograph "Effect of erosion processes on soil fertility parameters in the mountain-agricultural zone of the northeastern slope of the Lesser Caucasus (on the example of Gadabay region)" (published in 2019);</li> <li>3. Author of about 100 scientific articles (in local and international publications);</li> <li>4. Scientific supervisor of more than 50 bachelors and as many master diplomas;</li> <li>5. I participated in various local and international projects. We have been an active employee of the "Swedish National Science Center" since 2011 and conducted research against fertilizers and pesticides in our country until 2015, and concluded the final meeting with a joint discussion of 8 countries in Tomsk, Russia.</li> <li>6. On 29/06-04/07/2015, I was an expert of the "Energy and Climate International Summer School" held between schoolchildren of 2 countries (Azerbaijan-Georgia) in Batumi, Georgia.</li> <li>7. "Water CAD-GEMS V8I. I represented AzUAC at the training event organized by Bentley Systems.</li> <li>8. I participated in the teacher exchange "GiNA II/7-C-Annex-Erasmus+ HE Staff Mobility Agreement for teaching" which is a joint project of Khazar University and Kastamonu University of TC and gave lectures.</li> <li>9. In the academic years of 2015/2017, I participated in the "TEMPUS RETHINK" project, which was concluded between Azerbaijan University of Architecture and Construction and Spain's Coruna University, and I also gave lectures at the University.</li> <li>10. In May 2018, I passed the "English Language Teaching Unit" course organized by the University of Leicester.</li> <li>11. In 2019, I was an expert in the agricultural sciences department of AZERGOLD CJSC.</li> <li>12. In 2019-2022, I am a member of the SAK (State Attestation Commission) for doctoral studies in the specialty "Environmental Engineering" of ASSU.</li> <li>13. 2019/2021. I was the representative for Azerbaijan of the project "Strengthening the opportunities for climate adaptation in the South Caucasus (SCAC)" supported by Swiss Cooperation South Caucasus.</li> </ol>
<p><b>Research areas:</b></p>	<p>2007-2013. Research and monitoring of the erosion processes that took place on the north-eastern slope of the Lesser Caucasus, study of the effect of fertility parameters on erosion processes in the soils of the mountain-agricultural zone of Gadabay region, study of the impact of diagnostic indicators on the soil, drawing up a new soil-erosion map-scheme of Gadabay region.</p> <p>Since 2015, to study the ecological assessment of the lands of the New Shamkirchay Reservoir basin, the analysis of the modern-ecological condition of the area, the analysis and forecasting of the soil-agro-production grouping, the economic-ecological analysis, the monitoring of credit scales, the water-erosion and soil-erosion processes of the area, etc. .</p>
<p><b>Work experience:</b></p>	<p><b>Enterprises where I worked before and now</b></p>
<p><b>From</b> <b>23.11.2024</b></p>	<p><b>Azerbaijan State Economic University</b> <b>Director at Organization of Laboratories Work Center</b></p>

	<p><b>Azerbaijan State Economic University</b></p>
15.09.2022	<p>Associate Professor of the Department of Engineering and Applied Sciences, <b>PhD in Agrarian Sciences.</b></p>
23.11.2024	<ol style="list-style-type: none"> <li>1. <b>Environmental engineering</b> (in Azerbaijani section)</li> <li>2. <b>Integrated management of water resources</b> (in Azerbaijani section)</li> <li>3. <b>Waste management</b> (in Azerbaijani section)</li> <li>4. <b>Soil Sciences</b> (in Azerbaijani section)</li> <li>5. <b>Remote sensing</b> ( in Azerbaijani section)</li> </ol> <p><b>Note: I teach the subjects by name Agriculture economy, Alcoholic and non-alcoholic beverages, Food microbiology (English section), Hydrology, Total Ecology (Azerbaijani section) at SABAH GROUPS of the Azerbaijan State University of Economics and Azerbaijan University of Architecture and Construction.</b></p>
	<p><b>Azerbaijan State Oil and Industry University</b></p>
	<p>Associate Professor of the Department of Petrochemical Technology and Industrial Ecology</p>
23.09.2019	<ol style="list-style-type: none"> <li>1. <b>General Ecology</b> (in English section)</li> <li>2. <b>Environmental Engineering</b> (in English section)</li> <li>3. <b>Environmental Management</b> (in English section)</li> <li>4. <b>Waste-free production processes and waste recycling</b> (in English section)</li> <li>5. <b>Integrated Water Resources Management</b> (in English section)</li> </ol>
13.09.2022	<p><b>Azerbaijan Architecture and Construction University</b></p>
	<p>Head Lecturer of the Department of "Ecology of the Faculty of Water Management and Engineering Communication Systems</p>
15.09.2013	<ol style="list-style-type: none"> <li>1. <b>Applied Ecology</b> (in Azerbaijani and English sections)</li> <li>2. <b>Agroecology</b> (in Azerbaijani and English sections)</li> <li>3. <b>Basics of Environmental Expertise and Design</b> (in Azerbaijani and English sections)</li> <li>4. <b>Urbanization and Reclamation of Rivers and Reservoirs</b> (in Azerbaijani and English sections)</li> <li>5. <b>Environmental monitoring</b> (in Azerbaijani section)</li> </ol>
20.09.2019	<ol style="list-style-type: none"> <li>1. <b>Research methods</b> (in Azerbaijani section)</li> <li>6. <b>Environmental impact assessment and protection methods</b> (in English section)</li> </ol>

**Baku State University**

Department of "Geographical-Ecology" of the Faculty of Ecology and Soil Science

1. **Basics of geographical ecology** ( in Azerbaijani section)
2. **Landscape and landscape ecology** (in English section)
3. **Forestry and forest ecology** (in English section)
4. **Population and Social Ecology** (in English section)
5. **Agroecology** (in Azerbaijani and English sections)

**Western-Caspian University**

Department of Ecology and Natural Sciences

1. **Political Geography** (in English section)
2. **Economic and Social Geography of the World** (in English section)
3. **Economic and Social Geography of Azerbaijan** (in English section)
4. **Landscape science and landscape ecology** (in Azerbaijani section)
5. **Forestry and forest ecology** (in Azerbaijani and Russian sections)

17/02/2012-  
07/07/2019

2012-2023

<p><b>02.04.2012 - 30.10.2012</b></p>	<p><b>Leading specialist</b> of the Department of Hydrometeorology and Environmental Monitoring of the "<b>Specialization and Specialization Institute "</b> of the <b>Ministry of Ecology and Natural Resources</b></p>
<p><b>01.11.2012- 08.09.2013</b></p>	<p><b>Head of the Department</b> of Hydrometeorology and Environmental Monitoring of the "<b>Specialization and Specialization Institute "</b> of the <b>Ministry of Ecology and Natural Resources</b></p>

## Education Information

Post Doctorate, Azerbaijan National Academy of Sciences , Soil and Agrochemical RSİ, Ecological assesment of Soils, Azerbaijan 2015 - 2020

Doctorate, Azerbaijan National Academy of Sciences, Soil and Agrochemical RSİ, Ecological assesment of Soils, Azerbaijan 2007 - 2010

Postgraduate, Bakü Devlet Üniversitesi, Geography, Geo-ecology, Azerbaijan 2004 - 2006

Undergraduate, Bakü Devlet Üniversitesi, Geography, Ecology and environmental sciences, Azerbaijan 2000 - 2004

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

Personal Evolution, International Webinar on "Health and Environmental Risks; Towards the Greener and Sustainable Future", Azerbaijan, Baku, IWHER-GSF Certificate, 2024

Personal Evolution, Certificate of Participation, Poland, Warsaw, First International Scientific Conference "Research Retrieval and Academic Letters" , 2023

Education Management and Planning, Certificate-Scientific-Practical Journal "ENDLESS LIGHT in SCIENCE", Kazakhstan, Almaty, 2023

Personal Evolution, Certificate , ETN SABAH qrupları layihəsi Peşə ixtisası təlimləri, 2022

Foreign Language, Certificate (C1 level)-International Testing and Training Institute, USA, New-York City, Certificate of Proficiency in English, 2022

Foreign Language, IELTS Certificate (C1 level), Great Britain, British Council, Cambridge Assesment English, 2022

Personal Evolution, Certificate-Interactive Education in University Systems, France, Universite Paris 1 - Pantheon Sorbonne Institut d'Administration des Entreprises Sorbonne Graduate Business School, 2017

Education Management and Planning, Erasmus+ Training Mobility Certificate, Spain, Universidade La-Coruna, 2017

Education Management and Planning, Erasmus+Programme Certificate, Turkiye, Kastamonu University, 2017

Foreign Language, Certificate (B2 level) , Azerbaijan University of Architecture and Construction Foreign Languages Department Certificate, 2017

Personal Evolution, Diploma was given by International Summer School on Energy and Climate, Georgia, Batumi, International Summer School on Energy and Climate, 2015

Personal Evolution, Certificate, Training on FAO-methodology for Rapid Environmental Assesment of contaminated sites, Green Cross project on training experts from Azerbaijan, Belarus, Moldova, Russia and Tajikistan., 2014

## Dissertations

Doctorate, "Effect of erosion processes on soil fertility parameters in the mountain-agricultural zone of the northeastern slope of the Lesser Caucasus (on the example of Gadabay region)", Azerbaijan National Academy of Sciences, Soil and Agrochemistry RSİ, Ecological assesment of Soils, 2014

## Research Areas

Agricultural Sciences, Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Azerbaijan State University of Economics (UNEC), Mühəndislik Fakültəsi, Mühəndislik Və Tətbiqi Elmlər Kafedrası, 2024 - Continues

Associate Professor, Azerbaijan State University of Economics (UNEC), Mühəndislik Fakültəsi, Director at Organazation Of Laboratory Works Center, Department of Engineering and Applied Sciences, 2022 - Continues

Associate Professor, Azərbaycan Mimarlik ve Insaat Üniversitesi, SABAH GROUPS, SABAH GROUPS, 2021 - Continues

Associate Professor, Azerbaijan State University of Economics (UNEC), Mühəndislik Fakültəsi, SABAH GROUPS, 2019 - Continues

Associate Professor, Azərbaycan Devlet Neft Akademisi, Chemical Technology, Petro-chemical processes and İndustrial Ecology, 2019 - 2022

Associate Professor, Western University, Faculty of High Technologies, Ecology, 2011 - 2022

Lecturer PhD, Azərbaycan Mimarlik ve Insaat Üniversitesi, Water management and engineering communication systems, Ecology, 2013 - 2019

Lecturer PhD, Hazar Üniversitesi, Education, Geography and Environment, 2012 - 2017

## Academic and Administrative Experience

Associate Professor, Azerbaijan State University of Economics (UNEC), Mühəndislik Fakültəsi, Mühəndislik Və Tətbiqi Elmlər Kafedrası, 2022 - Continues

Associate Professor, Azərbaycan Devlet Neft Akademisi, Chemical Technology, Petro-chemical processes and İndustrial Ecology, 2019 - 2022

Senior lecturer, Azərbaycan Mimarlik ve Insaat Üniversitesi, Water management and engineering communication systems, Ecology, 2013 - 2019

Head of Department, Ministry of Ecology and Natural Resources, Head of Department at the Institute of Specialization and Advanced Training, Ecological Monitoring, 2011 - 2013

## Courses

Remote Sensing, Undergraduate, 2024 - 2025

Ecological Engineering, Undergraduate, 2024 - 2025

Food future, Postgraduate, 2023 - 2024

Biocological Engineering, Undergraduate, 2024 - 2025

Ecology of Environmental Engineering, Undergraduate, 2024 - 2025

Food microbiology, Postgraduate, 2023 - 2024

## Articles Published in Other Journals

- I. **ANALYSIS OF THE EROSION PROCESS IN UNDEVELOPED MOUNTAIN GRAYCINNAMON (CHESTNUT) SOILS IN THE SHAMKIRCHAY WATER RESERVOIR BASIN**  
Sadıqov R.  
SABRAO JOURNAL OF BREEDING AND GENETICS, vol.12, no.56, pp.2067-2078, 2024 (ESCI)
- II. **Intensification of the process of producing phosphorus-containing fertilizers using industrial waste**  
Gumbatov M., Sadıgov R., Huseynov M., Shirinova D.  
BIO Web of Conferences, vol.5, no.126, pp.1-5, 2024 (Peer-Reviewed Journal)
- III. **ANALYSIS OF MOUNTAIN-FOREST CINNAMON SOIL TYPES IN THE BASIN OF THE NEW SHAMKIRCHAY RESERVOIR**  
Sadıgov R. A., Mustafayev M. G.  
SABRAO JOURNAL OF BREEDING AND GENETICS, vol.56, no.1, pp.266-279, 2024 (ESCI)
- IV. **Acquisition of value-added products from plant-based wastes**  
Sadıqov R.  
javascript:void(0), vol.10, no.3, pp.69-79, 2023 (Peer-Reviewed Journal)
- V. **A brief overview of soil-water and geological surveys in the Shamkirchay reservoir basin and the methodology and technology of field operations using the VEP (Vertical Electric Probing) method**  
Sadıqov R.  
Journal of Scientific Works of AzSUU, no.1, pp.64-68, 2018 (Peer-Reviewed Journal)
- VI. **The influence of the "Main Canals" of the New Shamkirchay Reservoir on the soil and environmental conditions of the basin**  
Sadıqov R.  
Международные научно-исследовательские журналы «Успехи современной науки и образования», , vol.4, no.12, pp.10-13, 2016 (Peer-Reviewed Journal)
- VII. **Influence of erosion processes on fertility parameters of soils in the cultivation area of the northeast slope of the Lesser Caucasus**  
Sadıqov R.  
THESIS, vol.167, pp.1-167, 2013 (Peer-Reviewed Journal)

## Metrics

Publication: 7

## Non Academic Experience

Ministry, Science and Education by TKTA of the Ministry , Science and Education by TKTA of the Ministry  
Ministry, Accreditation and Nostrification Department of the Ministry of Education of the Republic of Azerbaijan,  
Accreditation and Nostrification Department of the Ministry of Education of the Republic of Azerbaijan  
Ministry, Accreditation and Nostrification Department of the Ministry of Education of the Republic of Azerbaijan,  
Accreditation and Nostrification Department of the Ministry of Education of the Republic of Azerbaijan  
Ministry, Institute of Specialization and Advanced Training, Ecological Monitoring