

PERSONAL INFORMATION

Surname	Mammadova
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Nationality	Azerbaijani
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Date of birth	17/05/1996
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Education and training	Doctoral studies
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• Date (from – to)	01.10.2023 - current
• Name and type of organisation providing education and training	<i>University of Genova</i>
Duration of the program of study	3 years
• Principal subjects/occupational skills covered	Marine Science and Technologies.
• Title of project	<i>Significant wave height analysis by photogrammetry and machine learning.</i>

Education and training	Master's
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• Date (from – to)	2018-2022
• Name and type of organisation providing education and training	<i>University of Genova</i>
Duration of the program of study	2 years
• Principal subjects/occupational skills covered	Earth Sciences : Hydrography and Oceanography
• Title of qualification awarded	<i>Master's Graduate</i>
Final mark obtained	100/110

graduation thesis

Title	Sea level rise evaluation by remotely sensed data and its impacts on urban areas
Language	English
Supervisors	Dr.Bianca Federici, Dr.Illaria Ferrando
Thesis Summary	<p>Coastal cities, as an intersection of land and sea, play a crucial role in the national and global economy in all countries. Extreme sea levels are a significant threat to life, property, and the environment. Even life farther inland is threatened because rising seas can contaminate soil and groundwater with salt. Predicting how high the sea levels will rise is difficult mainly because of the large area and lack of data. By developing methods such as inundation and exposure datasets, probability analysis can be made and it is a good start to exploring those areas. When risk can be accurately estimated, a well-designed risk mitigation plan can serve and save a lot.</p> <p>The exposure and hazard layer combination analysis by Qgis InaSAFE plugin represented the amount of possible affected population within the regions. There are some interesting findings, according to possible future sea-level rise of meters and displacement statistics. This can be very significant for poor countries. Impact and vulnerability assessment as well as adaptation planning for these coastal areas are of high priority.</p>

Education and training

	Bachelor's
• Date (from – to)	2014-2018
• Name and type of organisation providing education and training	<i>Baku State University</i>
Duration of the program of study	4
• Principal subjects/occupational skills covered	Geography
• Title of qualification awarded	<i>Graduate</i>
Final mark obtained	100/100

graduation thesis

Title	Historical and economic-geographic features of the pipeline transport system of Azerbaijan Republic.
Language	Azerbaijani
Supervisors	Dr.Elnura Qurbanova
Thesis Summary	The investigation of existing pipeline projects in Azerbaijan and the determination of their economic efficiency.Includes part about the country's oil and natural gas production, domestic and foreign investments, various economic indicators and their detailed statistical analysis by using the official statistical data of the State Statistics Committee, the Ministry of Economic Development, the International Monetary Fund, and the UN Trade and Development Report. The future usage of existing pipelines and their contribution in absence of non-renewable resources.

publications and articles submitted	Article in journal and award-winning competition project
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Author(s) and title	Sabina Mammadova, Global climate change impacts, and possible actions and solutions
Language	Azerbaijan
Publication place	Azerbaijan Geographical Society, page :145 (Paper Based Journal)
Date of publication	XXII conference , published in 2016

Author(s) and title	Co-written article : Nabiyev Alipasha, Sabina Mammadova,M.S.Ramiz,, COMPARATIVE ANALYSIS OF NATURAL CONDITION OF THE AZERBAIJAN REPUBLIC AND CALIFORNIA STATE (USA) FOR DECISION OF ENVIRONMENTAL AND ECOLOGICAL PROBLEMS
Language	Azerbaijan
Publication place	Scientific electronic library, 282-289
Date of publication	published in 2016

certifications	

Programming for Everybody	Getting Started with Python , Coursera,University of Michigan
Excel Skills for Business	Essentials, Coursera,Macquarie University

Work experience, stages, studies abroad
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• Date (from – to)	07.02.2023 - 06.08.2023
• Name and address of firm/ university	G.ter, Genova,Italy
• Type of business or sector	Geomatics and GIS
• Type of employment	Internship
• Main activities and responsibilities	GeoDatabase,GIS software , SQL , Python Data creation and import,Data editing and maintenance,Integration with external systems

• Date (from – to)	11.12.2021-11.02.2022
• Name and address of firm/ university	University of Genova,Italy
• Type of business or sector	Internationalization Office
• Type of employment	Part-time activity
• Main activities and responsibilities	Archive, Document updates, Student assistance

Personal skills and competences
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Mother tongue	Azerbaijan
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Other language(s)

	English
• reading	excellent
• writing	excellent

	• speaking	excellent
		Italian
	• reading	good
	• writing	good
	• speaking	good
		Russian
	• reading	good
	• writing	good
	• speaking	good
Social skills and competences		<ul style="list-style-type: none"> - Part-time work/ EduGROUP/ 2019 Optimized advertising efforts by developing content for media relations, corporate communications, and educational posts. - Volunteering / First European Games / Baku 2015 Photo team member Planned and prepared for on-location and studio shoots for national and international photographers
Organisational skills and competences		<ul style="list-style-type: none"> - Volunteering / Islamic Solidarity Games / Baku / GYD International Airport / 2017 Team leader Passport control , office tasks compilation
Technical skills and competences		<p>Ms Office : Ms Word, Excel, Power Point GIS : MapINFO, QGIS, SNAP, METASHAPE, MATLAB DS : PYTHON, SQL, POSTGRES AutoCAD and R : in progress</p>
Artistic skills and competences		Drawing and Illustration. Mixed Media
Other skills and competences		Creativity, Adaptability, Critical Thinking
Additional information		
Diplomas		<p>The institution that issued the recognition:</p> <ol style="list-style-type: none"> 1. The International Academy of Science and Higher Education, London, UK. 2. International center for the scientific corporation, Penza, Russia

Certificate of Appreciation	<p>Body/ title:</p> <ol style="list-style-type: none"> 1.Raquel Perez/ online webinar attendance in Esri Young Professionals Network 2.Dott.Domenico Bua/ online webinar attendance in GNSS technology for movement tracking 3.Minister of Youth and Sports / in recognition of outstanding voluntary work during Formula 1 4.Director of AISGOC/ in recognition of the valuable contribution to the Islamic Solidarity Games 5.The president of the Azerbaijan Republic/ Voluntary participation in the First European Games
Other activities	<ol style="list-style-type: none"> 1.Support in integrated survey Date/ Place: 24 May 2022/ Vernazzola Beach, Genova, Italy Tools: GNSS, 3 D Laser scanner, Cameras 2.Training: Hydro-oceanographic survey, in the Italian Navy: "Ammiraglio Magnaghi" Duration: 15 July - 15 August 2019 Tools: XBT, MBES; Software: Caris 3.Experimental Expedition, Biological productivity on mountain landscapes : 'Azerbaijan Alti Agach National Park ' Duration: October to May 2016 Skills: Ms. Excel and MapInfo