

# Demuri Demetrashvili

## Personal Information

Name Surname: **Demuri Demetrashvili**  
Date of Birth: 1948-01-21  
Sex: Male  
Citizenship: Georgian  
Phone: 574753218  
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## Education

Academic Degree: Ph.D./Equivalent to Ph.D  
Educational Institution: Ivane Javakhishvili Tbilisi State University  
Qualification: Doctor of Science in Physics and Mathematics  
Date of grant: 2005-09-28  
Country: Georgia

Academic Degree: Ph.D./Equivalent to Ph.D  
Educational Institution: USSR Hydromet-Center  
Qualification: Candidate of Science in Physics and Mathematics  
Date of grant: 1977-11-01  
Country: USSR

Academic Degree: Master's/Equivalent to Master's  
Educational Institution: Ivane Javakhishvili Tbilisi State University  
Qualification: Physicist (Theoretical Physics)  
Date of grant: 1971-06-23  
Country: Georgia

## Work Experience

Organization: M. Nodia Institute of Geophysics of Iv. Javakhishvili Tbilisi State University  
Structural Unit: Department of Modeling the Sea and Atmospheric Dynamics  
Position: Head of the Department  
Date of commencement of work: 2018-04-12  
Date of completion of work: till today

Organization: Hydrometeorological Institute of Georgian Technical University

Structural Unit: Department of Weather Forecasts and Modeling of Natural and Anthropogenic disasters  
Position: Researcher  
Date of commencement of work: 2011-05-13  
Date of completion of work: till today

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Organization: Hydrometeorological Institute of Georgian Technical University  
Structural Unit: Department of Weather Forecasts and Modeling of Natural and Anthropogenic disasters  
Position: Chief Scientist  
Date of commencement of work: 2006-07-18  
Date of completion of work: 2011-05-12

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Organization: Hydrometeorological Institute of Georgian Technical University  
Structural Unit: Laboratory of Dynamic Meteorology  
Position: Head of the Laboratory  
Date of commencement of work: 1996-07-16  
Date of completion of work: 2006-07-11

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Organization: Department of Hydrometeorology of the Ministry of Environmental Protection of Georgia  
Structural Unit: Republican Center of the Environmental Monitoring  
Position: Deputy Director  
Date of commencement of work: 1993-06-15  
Date of completion of work: 1995-09-05

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Organization: M. Nodia Institute of I. Javakhishvili Tbilisi State University  
Structural Unit: Department of Modeling the Sea and Atmospheric Dynamics  
Position: Chief Scientist  
Date of commencement of work: 1989-10-04  
Date of completion of work: 2018-04-12

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Organization: Trans-Caucasian Hydrometeorology Research Institute  
Structural Unit: Department of Dynamic Meteorology and Weather Forecasting  
Position: Senior Researcher  
Date of commencement of work: 1982-05-01  
Date of completion of work: 1989-09-30

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Organization: USSR Hydrometeorological Center (Moscow);  
Computing Center of the Siberian Branch of the Academy of Sciences of the USSR (Novosibirsk)

Structural Unit: Computing Center of the Siberian Branch of the Academy of Sciences of the USSR (Novosibirsk)  
Position: Postgraduate Student  
Date of commencement of work: 1973-11-01  
Date of completion of work: 1976-10-31

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## Qualification Raising

### Trainings

Organization: Meteorological Institute  
Subject: Certificate in Mathematical Modeling of Black Sea Circulation  
Country: Sofia, Bulgaria  
Date: 2005-03-15

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## Projects & Grants

Name of the project/grant: Control of the Black Sea Safety and Pollution Risks Using Numerical Models. Grant Number SPS G6028  
Position: Head of Mathematical Modeling Team within the Project  
Donor: NATO Science for Peace and Security program  
Leader Organization: Tsotne Mirthkhulava Water Management Institute of GTU  
Start | End Date: 2023-09-02 - 2026-09-02

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Name of the project/grant: Development and Improvement of a High-Resolution Regional Forecasting System for the Georgian Sector of the Black Sea to Navigational and Environmental Safety. Grant number FR-22-365  
Position: Scientific head of the project  
Donor: Shota Rustaveli National Science Foundation of Georgia  
Leader Organization: M. Nodia Institute of Geophysics of I. Javakhishvili Tbilisi State University  
Start | End Date: 2023-02-24 - 2026-02-24

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Name of the project/grant: Investigation and Forecast of Tbilisi Region Pollution with the Dust PM2.5 and PM10 Particles. Grant number FR-22-4765  
Position: Researcher  
Donor: Shota Rustaveli National Science Foundation of Georgia  
Leader Organization: Institute of Hydrometeorology of GTU  
Start | End Date: 2019-02-22 - 2022-02-22

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Name of the project/grant: Innovative Techniques and Methods for Reducing Marine Litter in the Black Sea Coastal Areas.  
Position: External Expert  
Donor: EU funded project  
Leader Organization: Ivane Javakhishvili Tbilisi State University  
Start | End Date: 2018-09-01 - 2021-02-28

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Name of the project/grant: Improvement and Expansion of the Regional Forecasting System of the State of the Easternmost part of the Black Sea Including Forecast of Transport of Pollution Substances.  
Position: Researcher  
Donor: Shota Rustaveli National Science Foundation of Georgia  
Leader Organization: M. Nodia Institute of Geophysics of I. Javakhishvili Tbilisi State University  
Start | End Date: 2013-04-01 - 2015-04-01

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Name of the project/grant: Black Sea Upgrade SCENE  
Position: Researcher  
Donor: EU funded project  
Leader Organization: Holland Institute  
Start | End Date: 2009-01-01 - 2011-12-30

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Name of the project/grant: ADAMS - Advanced Data Assimilation Methods  
Position: Researcher  
Donor: French National Science Foundation  
Leader Organization: INRIA - French  
Start | End Date: 2008-02-01 - 2010-06-01

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Name of the project/grant: ECOOP - European Coastal-Shelf Sea Operational Observing and Forecasting System  
Position: Researcher  
Donor: EU funded project  
Leader Organization: Danish Meteorological Institute  
Start | End Date: 2007-01-02 - 2010-04-30

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Name of the project/grant: Black Sea SCENE  
Position: Researcher  
Donor: EU funded project  
Leader Organization: Holland Institute  
Start | End Date: 2005-12-01 - 2008-11-30

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Name of the project/grant: ARENA - Regional Capacity Building and Networking Program to Upgrade Monitoring and Forecasting Activity in the Black Sea Basin  
Position: Researcher

Donor: EU funded project  
Leader Organization: Marine Hydrophysical Institute.  
Sevastopol/Ukraine  
Start | End Date: 2003-01-09 - 2006-03-31

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Name of the project/grant: Black Sea Ecosystem Processes and  
Forecasting/Operational Database Management  
System. Grant N: sfp 971818  
Position: Researcher  
Donor: NATO Science for Peace Subprogram  
Leader Organization: Middle East Technical University, Turkey  
Start | End Date: 1998-12-01 - 2002-06-01

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## Scientific Productivity

### Scopus

Cited Index: 57

H Index: 4

### Google scholar

Cited Index: 356

H Index: 10

## Conference, Symposium, Award

- 2023-11-16 - International Scientific Conference "Geophysical Processes in the Earth and its Envelopes" dedicated to 90-th anniversary of M. Nodia Institute of Geophysics of Ivane Javakishvili Tbilisi State University.
- 2023-11-25 - International Scientific Conference "Modern Problems of Ecology" , November 23-25, 2023, Kutaisi, Georgia
- 2023-11-29 - Mediterranean Geosciences Union Annual Meeting (MedGU - 23), 26-30 November 2023, Istanbul/Turkey
- 2022-10-22 - 4th Euro-Mediterranean Conference for Environmental Integration. 20-23 October 2022. Sousse, Tunisia
- 2022-10-16 - International Scientific Conference "Modern Problems of Ecology", 16-17 October 2022, Batumi, Georgia
- 2021-05-17 - International Scientific Conference on Geosciences GEOLINKS-2021, 17-18 May 2021. Plovdiv, Bulgaria
- 2021-05-20 - International Scientific Conference " Information Society and Technologies for Intensification of Education", 20-22 May 2021, Tbilisi, Georgian Technical University, Georgia
- 2021-12-20 - International Scientific Conference "Natural Disasters in the 21st Century: Monitoring, Prevention, Mitigation". 20-22 December 2021, Tbilisi, Georgia
- 2020-09-26 - International Scientific Conference "Modern Problems of Ecology", 26-28 September 2020, Tbilisi, Georgia
- 2020-03-23 - International Scientific Conference on Geosciences GEOLINKS- 2020. 23-26 March 2020, Plovdiv, Bulgaria

- 2019-03-26 - 1st International Multidisciplinary Scientific Conference GEOLINKS 2019. 26-29 March 2019, Athens, Greece
- 2019-06-27 - International Black Sea Maritime Security Symposium. 27-28 June 2019, Istanbul, Turkey
- 2019-12-14 - International Scientific Conference "Natural disasters in Georgia, monitoring, prevention ". 12-14 December 2019, Tbilisi, Georgia
- 2018-09-21 - International Scientific Conference „Modern Problems of Ecology“, 21-22 September 2018, Kutaisi, Georgia
- 2017-11-03 - The 13th MEDCOAST Congress on Coastal and Marine Sciences, Engineering, Management and Conservation – MEDCOAST 17, 30 October - 4 November 2017, Melieħha, Malta
- 2017-07-08 - VIII International scientific and practical Conference "Internet and Society" (INSO2017), 7-8 July 2017, Kutaisi, Georgia
- 2016-09-27 - International Conference "Black Sea from Space Workshop", 27-30 September, 2016, Constanta, Romania

## Languages

- Georgian
- Russian
- English

## Additional information

2018 - Member of the Editorial Board of the scientific journal " Morskoiĭ Gidrofizicheskiĭ zhurnal" of the Academy of Sciences of Russia. The name of English version of the Journal is "Physical Oceanography" indexing in SCOPUS.

2014 - Member of European Geophysical Union

2012 - Laureate of Mikheil Nodia prize in Geophysics

2011 - Academician of Georgian Academy of Ecological Sciences

2008 - Member of International Association for the Physical Sciences of the Oceans (IAPSO) from Georgia. <http://iapso.iugg.org>

2003 - Medal of Honor of Georgia