

# Iarisa Shengelia

## Personal Information

Name Surname: **Iarisa Shengelia**  
Date of Birth: 1947-04-01  
Sex: Female  
Citizenship: Georgian  
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## Education

Academic Degree: Ph.D./Equivalent to Ph.D  
Educational Institution: Hydrometeorology Center post-graduate studies  
Qualification: Satellite meteorology  
Date of grant: 1977-11-01  
Country: Russia, Moscow

Academic Degree: Master's/Equivalent to Master's  
Educational Institution: Faculty of Physics of Ivane Javakhishvili Tbilisi State University  
Qualification: Geophysicist  
Date of grant: 1970-07-01  
Country: Georgia, Tbilisi

## Work Experience

Organization: Georgian Technical University  
Structural Unit: Institute of hydrometeorology  
Position: Chief Researcher, Project leader  
Date of commencement of work: 2023-01-01  
Date of completion of work: 2027-01-01

Organization: Georgian Technical University  
Structural Unit: Institute of hydrometeorology  
Position: Chief Researcher, Project leader  
Date of commencement of work: 2021-01-01  
Date of completion of work: 2023-01-01

Organization: Georgian Technical University  
Structural Unit: Institute of hydrometeorology  
Position: Chief Researcher, Project leader  
Date of commencement of work: 2018-01-01

Date of completion of work: 2021-01-01

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Organization: Georgian Technical University  
Structural Unit: Institute of hydrometeorology  
Position: Chief Researcher, Project leader  
Date of commencement of work: 2015-01-01  
Date of completion of work: 2018-01-01

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Organization: Georgian Technical University  
Structural Unit: Institute of hydrometeorology  
Position: Chief Researcher, Project leader  
Date of commencement of work: 2012-01-01  
Date of completion of work: 2015-01-01

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Organization: Georgian Technical University  
Structural Unit: Institute of hydrometeorology  
Position: Senior Research Officer, Project leader  
Date of commencement of work: 2011-01-01  
Date of completion of work: 2012-01-01

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Organization: Institute of Hydrometeorology  
Structural Unit: Weather Forecasting Sector  
Position: Senior Research Officer, Main Implementer  
Date of commencement of work: 2004-01-01  
Date of completion of work: 2011-01-01

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Organization: Institute of Hydrometeorology  
Structural Unit: Weather Forecasting Sector  
Position: Leading Scientific Researcher, Main Implementer  
Date of commencement of work: 1992-01-01  
Date of completion of work: 2004-01-01

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Organization: Institute of Hydrometeorology  
Structural Unit: Physics of Clouds Sector  
Position: Senior Research Officer, Main Implementer  
Date of commencement of work: 1988-01-01  
Date of completion of work: 1992-01-01

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Organization: Institute of Hydrometeorology  
Structural Unit: Weather Forecasting Sector  
Position: Research Officer, Implementer  
Date of commencement of work: 1977-01-01  
Date of completion of work: 1988-01-01

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Organization: Institute of Hydrometeorology  
Structural Unit: Weather Forecasting Sector  
Position: Junior Researcher, Implementer  
Date of commencement of work: 1974-05-01  
Date of completion of work: 1977-01-01

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## Qualification Raising

### Trainings

Organization: Hydrometeorological Centre  
Subject: Satellite remote sensing  
Country: Russia, Moscow  
Date: 1974-05-01

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## Projects & Grants

Name of the project/grant: Atlas of the current state of the glaciers of Georgia  
Position: Project Manager  
Donor: Ministry of Education and Science of Georgia  
Leader Organization: Institute of Hydrometeorology of Technical University of Georgia  
Start | End Date: 2023-01-01 - 2027-12-31

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Name of the project/grant: Research on the glacier degradation in Georgia over recent decades" and creation of the "Electronic Atlas of Georgian Glaciers"  
Position: Project Coordinator  
Donor: Shota Rustaveli National Scientific Foundation  
Leader Organization: Institute of Hydrometeorology of Technical University of Georgia  
Start | End Date: 2022-03-21 - 2025-03-20

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Name of the project/grant: The Nature of Atmospheric Air Microcirculation Processes and the Study of Climatic - Ecological Features of Certain Regions of Georgia  
Position: Implementer  
Donor: Ministry of Education and Science of Georgia  
Leader Organization: Institute of Hydrometeorology of Technical University of Georgia  
Start | End Date: 2020-01-01 - 2022-12-31

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Name of the project/grant: Study of Georgian Glaciers Degradation and Forecast of their Melting Due to Modern Climate Change, IHM-20-43-GTU- CD-5702  
Position: Project Manager

Donor: Ministry of Education and Science of Georgia  
Leader Organization: Institute of Hydrometeorology of Technical University of Georgia  
Start | End Date: 2018-01-01 - 2020-12-31

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Name of the project/grant: Research of the Georgian Glaciers Evolution Based on the Satellite Remote Sensing Methodology and Field Glaciological Observations Data on the Background of the Modern Climate Change, IHM-17-35-CO-3692  
Position: Project leader  
Donor: Ministry of Education and Science of Georgia  
Leader Organization: საქართველოს ტექნიკური უნივერსიტეტის ჰიდრომეტეოროლოგიის ინსტიტუტი  
Start | End Date: 2015-01-01 - 2017-12-31

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Name of the project/grant: Research of the Caucasian glaciers in Georgia based on satellite remote sensing. #FR/586/9-110/13  
Position: Project leader  
Donor: Shota Rustaveli National Scientific Foundation  
Leader Organization: Institute of Hydrometeorology of Technical University of Georgia  
Start | End Date: 2014-03-31 - 2017-03-31

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Name of the project/grant: Study of the Area of Separat Glaciers of the Caucasus Using Satellite data on the Background of Contemporary Climate Change, #SC/3/9-101/12  
Position: Project leader  
Donor: Shota Rustaveli National Scientific Foundation  
Leader Organization: Institute of Hydrometeorology of Technical University of Georgia  
Start | End Date: 2013-01-20 - 2013-04-20

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Name of the project/grant: Assessment of the impact of Climate Change on Caucasian glaciers on the basis of the remote sensing technologies  
Position: Project leader  
Donor: Ministry of Education and Science of Georgia  
Leader Organization: Institute of Hydrometeorology of Technical University of Georgia  
Start | End Date: 2012-01-01 - 2014-01-01

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Name of the project/grant: Creation of the System of Implementation of Satellite Information for the Provision of the Safety of Marine Transportation and Ecology in Georgia, #GNSF/ST/5-432  
Position: Project leader  
Donor: Shota Rustaveli National Scientific Foundation

Leader Organization: Institute of Hydrometeorology of Technical  
University of Georgia  
Start | End Date: 2009-03-01 - 2011-03-01

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## Scientific Productivity

### Scopus

Cited Index: 9

H Index: 2

### Web of science

Cited Index: 5

H Index: 2

### Google scholar

Cited Index: 110

H Index: 6

## Conference, Symposium, Award

- 2023-09-23 - WRFER International Conference. Barcelona, Spain, 23-24 september 2023
- 2023-11-23 - International Scientific Conference "Modern Problems of Ecology" 23-25 November, Kutaisi, Gelati Academy.
- 2023-06-08 - 70-th May scientific session of the Institute of Hydrometeorology
- 2023-11-16 - INTERNATIONAL SCIENTIFIC CONFERENCE "Geophysical Processes in the Earth and its Envelopes", TSU, Tbilisi, Georgia, November 16-17, 2023
- 2023-11-08 - WATER IN A CHANGING ENVIRO. Interdisciplinary Approach in Current Hydrological Research. 30th POSTER DAY, International Conference, 08 November 2023, IH SAS, Bratislava, Slovakia.
- 2023-09-20 - 3RD INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE PROCEEDINGS BOOK 20-22 September 2023, Trabzon/TÜRKİYE Karadeniz Technical University.
- 2023-04-27 - Agenda-EUMETSAT, Information day for Eastern Europe, Caucasus and Central Asia, 27-28 April 2023
- 2022-11-01 - 4th Euro-Mediterranean Conference for Environmental Integration (EMCEI-22), Sousse, Tunisia, 01-04 November 2022. Springer.
- 2022-05-27 - 69-th May scientific session of the Institute of Hydrometeorology
- 2022-11-09 - 29th POSTER DAY, International Conference, 09-17 November 2022.
- 2022-11-27 - International Conference of Young Scientists "Modern Problems of Earth Sciences"
- 2022-11-01 - EMCEI 2022, 4th Euro-Mediterranean Conference for Environmental Integration 01-04 November 2022. Springer
- 2022-10-16 - International Scientific Conference „Modern Problems of Ecology“ Batumi, Georgia
- 2022-04-20 - LXXV Gertsenovskiy readings. Geography: development of science and education. Intern. scientific and practical conference on April 20-23, 2022, St. Petersburg, Russia.
- 2003-11-07 - Medal of Honor

- 2013-06-27 - Order of Honor

## Languages

- Georgian
- Russian
- English

## Additional information

1. Member of the Scientific Council of the Institute of Hydrometeorology of the Technical University of Georgia;
2. Member of the international group of the organizing committee of the annual international scientific-practical conference of Gertsen Pedagogical Institute of St. Petersburg;
3. Member of the editorial board of works of the Institute of Hydrometeorology of the Technical University of Georgia;
4. Georgian Academy of Ecological Sciences, Associate Corresponding Member (2021-02-21).