

# Giorgi Meladze

## Personal Information

Name Surname: **Giorgi Meladze**  
Date of Birth: 1930-08-18  
Sex: Male  
Citizenship: Georgian  
Phone: 0  
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## Education

Academic Degree: Ph.D./Equivalent to Ph.D  
Educational Institution: Georgian State Agrarian University  
Qualification: Agronomy  
Date of grant: 1976-10-10  
Country: Georgia

## Work Experience

Organization: Institute of Hydrometeorology at the Georgian Technical University  
Structural Unit: Institute of hydrometeorology  
Position: Scientific Council of the Institute  
Hydrometeorology  
Date of commencement of work: 2018-11-30  
Date of completion of work: 2023-05-30

Organization: Institute of Hydrometeorology at the Georgian Technical University  
Structural Unit: Department of Climatology and Agrometeorology  
Position: Main Scientific Researcher  
Date of commencement of work: 2005-11-30  
Date of completion of work: till today

Organization: Iv.Javakhishvili Tbilisi State University  
Structural Unit: Department of Hydrometeorology  
Position: Professor  
Date of commencement of work: 1991-09-23  
Date of completion of work: 2007-06-30

Organization: Institute of Hydrometeorology at the Georgian Technical University  
Structural Unit: Department of Climatology and Agrometeorology

Position: Head of Department  
Date of commencement of work: 1979-09-25  
Date of completion of work: 2005-11-24

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Organization: Georgian State Agrarian University  
Structural Unit: Department of Agroecology and Agrometeorology  
Position: Professor  
Date of commencement of work: 1974-09-02  
Date of completion of work: 2005-06-30

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## Projects & Grants

Name of the project/grant: Research of Climate and Climatic Resources of Administrative regions of Georgia (Kvemo Kartli))  
Position: Project Manager of Agroclimatic part  
Donor: state budget  
Leader Organization: Institute of Hydrometeorology  
Start | End Date: 2024-01-03 - 2025-01-02

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Name of the project/grant: Research of Climate and Climatic Resources of Administrative regions of Georgia (Mcheta-Mtianeti)  
Position: Project Manager of Agroclimatic part  
Donor: state budget  
Leader Organization: Institute of Hydrometeorology  
Start | End Date: 2021-01-03 - 2023-01-03

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Name of the project/grant: Investigation of climate, climatic and agroclimatic resources of certain administrative regions of Georgia (Racha-Lechkhumi - Qvemo Svaneti)  
Position: Project Manager of Agroclimatic part  
Donor: state budget  
Leader Organization: Institute of Hydrometeorology  
Start | End Date: 2017-01-03 - 2019-01-02

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Name of the project/grant: Investigation of climate, climatic and agroclimatic resources of certain administrative regions of Georgia (Kakheti)  
Position: Project Manager of Agroclimatic part  
Donor: state budget  
Leader Organization: Institute of Hydrometeorology  
Start | End Date: 2014-01-02 - 2016-01-02

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Name of the project/grant: Atlas of Climatic and Agro-climatic Resources of Georgia  
Position: Project Manager of Agroclimatic part

Donor: GTU  
Leader Organization: Institute of Hydrometeorology  
Start | End Date: 2011-05-04 - 2011-12-28

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Name of the project/grant: Investigation of climate, climatic and agroclimatic resources of certain administrative regions of Georgia (Imereti)  
Position: Project Manager of Agroclimatic part  
Donor: state budget  
Leader Organization: Institute of Hydrometeorology  
Start | End Date: 2011-01-03 - 2013-01-02

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Name of the project/grant: For Provision Highly Productive of Agricultural Crops, their Rationally Arrangement of Scheme and Processing Methods of Agro-meteorological Forecasts of Yield Through Considering Climate Change in Mtskheta-Mtianeti Region  
Position: Project Manager  
Donor: state budget  
Leader Organization: Institute of Hydrometeorology  
Start | End Date: 2010-01-02 - 2012-01-02

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## Scientific Productivity

[Google scholar](#)

Cited Index: 44

H Index: 7

## Conference, Symposium, Award

- 2023-10-04 - International Scientific Conference - Biodiversity of agricultural plants and animals, their conservation and perspectives. Report-Change agroclimatic zones of agricultural plants biodiversity in Kartli
- 2023-11-16 - International Scientific Conference - Geophysical Processes in the Earth and its Envelopes. Report-Agroclimatic changes in the mountainous regions of Georgia
- 2023-03-03 - International conference on research in applied sciences-II, Konya-Turkiye. Report-Changes of agroclimatic resources of mountainous and high mountainous regions of Georgia in terms of global warming
- 2022-07-05 - International Scientific Conference - Black sea region at the crossroads of civilizations. Report-Natural hydrometeorological events in Black Sea regions of Georgia
- 2022-09-12 - II International Scientific Conference - Landscape Dimensions of Sustainable Development: Science-CartoGIS- Planning-Governance. Report-Assessment of agroclimatic potential of the Eastern Highland regions of Georgia
- 2022-08-23 - V International Conference - Resources, environment and regional sustainability in North-East Asia. Report-Changes of agroclimatic resources of mountainous regions of Georgia in terms of global warming

- 2021-12-20 - International Scientific Conference - „Natural Disasters in the 21st Century: Monitoring, Prevention, Mitigation”. Report-Impact of climate change on agro-climatic characteristics and zones of Mtskheta-Mtianeti region
- 2020-09-26 - International Scientific Conference - Modern Problems of Ecology. Report - Change of Shida Kartli mountainous and high-mountainous agro-climatic zones in conditions of global warming
- 2019-12-12 - International Scientific Conference - Natural Disasters in Georgia: Monitoring, Prevention, Mitigation. Report - Impact of Global Climate Change on Agroclimate Features and Reoccurrence Droughts in Georgia (On the Example of Kakheti Region)
- 2019-11-06 - International Scientific Conference - Actual Problems of Geography. Report - Transformation of agroclimatic zones of Samegrelo - Zemo Svaneti in conditions of global warming
- 2019-10-02 - International Scientific Conference - Wheat in European Countries and Georgia as one of the origins of Cultural Wheat. Report - Sowing terms and zoning of winter wheat under global warming
- 2019-09-13 - International multidisciplinary combined event on actual problems of landscape sciences: environment, society, politics. Report - Impact of weather and Climate extremes on landscapes in Georgia. Tbilisi, Georgia
- 2018-09-21 - International Scientific Conference - Modern Problems of Ecology. Report - Agro-ecological zoning of Mtskheta-Mtianeti region in the conditions of global warming. Kutaisi, Georgia
- 2018-07-02 - 18th International multidisciplinary scientific geoconference SGEM, Ecology and Environment Protection. Report - Evaluation of the Agro-Ecological Potential of Racha-Lechkhumi - Kvemo Svaneti region (Georgia) and Zoning of Crops. Albena, Bulgaria
- 2017-09-28 - International conference - New Challenge for Geography: Landscape Dimensions of Sustainable Development. Report - Changes in Agroclimatic Indices and Intensified Droughts on the Territory of East Georgia in Terms of Global Warming. TSU,
- 2015-10-22 - International Scientific Conference - Modern Problems of Geography and Anthropology. Report - The Agroclimatic Indices Change Caused by Global Warming in Kvemo Kartli Region. TSU, Georgia
- 2015-05-07 - International conference - Applied Ecology: Problems, Innovations. Report - Impact of global warming on the vegetation durable and distribution area of crops in the humid subtropical and mountainous regions of Georgia. TSU, Georgia
- 2014-10-03 - International conference - Climate Change and its Influence on Sustainable and Safe Agriculture Development. Report - Impact of Climate Change on Agroclimatic Features of Crops (Example of Sagarejo). GAAS
- 2014-10-02 - International conference - Climate Change and its Influence on Sustainable and Safe Agriculture Development. Report - Assessment of Climate Change Impact on Agricultural Crop Productivity and Crop-Water Requirement in Kakheti Region
- 2014-07-22 - International conference - Geography and Modern Problems of the Environment. Report - Estimation Agroclimatic Condition of Imereti Region for Rational Placing and Productivity Forecasting of Crops. Tbilisi, Georgia
- 2013-11-07 - International Scientific Conference - Modern Problems of Geography. Report - Scenarios of Agroclimatic Zones of Different Varieties of Grapevine with Account of Global Warming. TSU, Georgia
- 2013-10-11 - International Scientific Conference - Bioeconomy and Sustainable Development of Agriculture. Report - Scenario of Distribution Zones of Crops in South Georgia With Account of Climate Change. TSU, Georgia
- 2013-05-29 - International Scientific Conference - Pressing Problems in Hydrometeorology and Ecology. Report - Estimation of Agro-climatic Potential of Mtskheta-Mtianeti Region. GTU, IHM
- 2013-05-28 - International Scientific Conference - Pressing Problems in Hydrometeorology and Ecology. Report - Distribution of Winter Wheat with Account of Global Warming. GTU, IHM

- 2012-10-17 - Conference - Contemporary Problems in Geography. Report - Prognosis (2020-2030) of Crops Yield in Conditions of Current Climate Change for Mtsheta-Mtianeti Region. Geographical Societe of Georgia.
- 2012-06-12 - International conference - Radiological and agro-ecological researches. Report - Agro-ecological Zones of Distribution of Agricultural Crops in the Conditions of Global Warming in Sagarejo. Institute radiology and ecology. Georgia
- 2011-09-15 - International conference - Contemporary Problems in Geography. Report - Changes of Agro-ecological Zones under the Future Scenario (2020-2050) in the Conditions of Global Warming. TSU, Georgia
- 2011-10-20 - International conference Environment and Global Warming. Report - Prognosis (2020-2050) of Heat Provision of Vegetation Periods with Account of Climate Change. TSU
- 2011-09-27 - International Scientific Conference - Pressing Problems in Hydrometeorology and Ecology. Report - Scenarios of Distribution of Zones Agricultural Crops and Reception of Two Yields in the Conditions of Global Warming. GTU, IHM
- 2010-11-10 - International Scientific-Technical Conference - Sustainable development and Protection of Environment. Report - Scenarios of Change of High-Mountainous Agro-Ecological Zones of Georgia with the Account Global Warming. . Georgian Technical University
- 2010-11-24 - International Scientific Conference - Protection of Agrobiodiversity and Sustainable development of Agriculture. Report - Influence of Global Climate Change on Area Distribution of Agricultural Crops in High- Mountainous Regions of Georgia
- 2009-09-23 - 10th Baku International Congress Energy, Ecology, Economy. Report - On Assessment of Impact of Climatic Changes on Productivity and Transformation of Agro-climatic Zones of Dissemination of Agricultural Crops. Baku, Azerbaijan
- 2008-11-18 - International Years of the Planet Earth - „Climate, Natural Resources, Natural Disasters in the South Caucasus“. Report - Influence of Climate Warming on Changes of Agro-climatic Zones. TSU, Georgia
- 2023-07-23 - Award (diploma) of the Georgia Academy of Agricultural Sciences - „The best fundamental, educational and applied work of the year in the agricultural field"
- 2001-01-06 - Order of Dignity
- 2023-07-28 - Award (diploma) of the Georgia Academy of Agricultural Sciences - „The best fundamental, educational and applied work of the year in the agricultural field"
- 2023-11-10 - Awarded „for outstanding contribution to the development of climatology and agrometeorology'
- 2022-09-30 - Awarded for the outstanding contributions to Georgian Technical University

## Languages

- Georgian
- Russian
- English

## Additional information

Honored Agronomist of the Republic of Georgia;

Member of the Georgian Agro-Technological Academy;

Member of the Georgian Academy of Environmental Sciences;

Participant of the National Climate Change Program of the United Nations - the impact of expected climate change on the productivity of agricultural crops in Georgia;

Deputy editor of the collection of scientific works of the Institute of Hydrometeorology;

Member of the Water and Soil Sectoral Commission at the Department of Agricultural Sciences of the Georgian Academy of Sciences;

Member of the commission for developing the ecological safety concept of Georgia;

Member of the agricultural ecology sectoral group of the Academy of Agricultural Sciences of Georgia;

Awards: "Order of Honor", "For Labor Courage" (medal); "Bronze Medal of the Public Economy Achievements Exhibition"