

Maia Meladze

Personal Information

Name Surname: **Maia Meladze**
Date of Birth: 1962-07-19
Sex: Female
Citizenship: Georgian
Phone: 593
Email: m.meladze@gtu.ge



Education

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: Georgian State Agrarian University
Qualification: Agroecology
Date of grant: 2005-05-25
Country: Georgia

Academic Degree: Master's/Equivalent to Master's
Educational Institution: Georgian State Agrarian University
Qualification: Agro-engineer
Date of grant: 1985-02-27
Country: Georgia

Work Experience

Organization: Georgian Technical University
Structural Unit: Faculty of Agricultural Sciences and Bio-systems Engineering
Position: Professor
Date of commencement of work: 2014-09-17
Date of completion of work: till today

Organization: Institute of Hydrometeorology at the Georgian Technical University
Structural Unit: Department of Climatology and Agrometeorology
Position: Main Scientific Researcher2
Date of commencement of work: 2013-02-20
Date of completion of work: till today

Organization: Scientific research institute of applied ecology at the Faculty of Exact and Natural Sciences of TSU
Structural Unit: Department of Agro-ecology

Position: Head of Department
Date of commencement of work: 2012-02-07
Date of completion of work: till today

Organization: Iv.Javakhishvili Tbilisi State University
Structural Unit: Faculty of Exact and Natural Sciences
Position: Ass. Professor
Date of commencement of work: 2011-09-21
Date of completion of work: 2013-07-02

Organization: Georgian State Agrarian University
Structural Unit: Department of Agro-ecology and Agrometeorology
Position: Ass. Professor
Date of commencement of work: 2005-09-14
Date of completion of work: 2015-12-22

Organization: Institute of Hydrometeorology
Structural Unit: Department of Climatology and Agro-meteorology
Position: Senior Scientific Researcher
Date of commencement of work: 2000-10-17
Date of completion of work: 2013-06-20

Qualification Raising

Trainings

Organization: GTU
Subject: Online Teacher Training (OTT) Course in frames of the erasmus+ CBHE project
Country: Georgia
Date: 2021-05-19

Organization: GTU
Subject: „teaching and modern teaching methodologies”.
Country: Georgia, Iowa (US) University
Date: 2014-11-20

Projects & Grants

Name of the project/grant: Investigation of climate, climatic and agroclimatic resources of certain administrative regions of Georgia (Kvemo Kartli)
Position: Main staff
Donor: state budget

Leader Organization: Institute of Hydrometeorology
Start | End Date: 2024-02-01 - 2025-01-02

Name of the project/grant: Study of weather and climate using ensemble method for sustainable mountain development
Position: Project coordinator
Donor: Sh.Rustaveli National Science Foundation.
Publishing State Scientific Grant. № SP23-917
Leader Organization: Institute of Hydrometeorology
Start | End Date: 2023-02-01 - 2024-04-01

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

Name of the project/grant: Promoting Bio-nuts production through environmentally safe, innovative means
Position: Specialist - Agrometeorologist
Donor: Sh.Rustaveli National Science Foundation
Leader Organization: Scientific Research Center of Agriculture
Start | End Date: 2020-10-15 - 2021-05-20

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

Name of the project/grant: Methodology of Landscape Planning of Urban Agglomerations (on the example of Tbilisi-Rustavi)
Position: Specialist -Agro-ecologist
Donor: Sh.Rustaveli National Science Foundation
Leader Organization: TSU
Start | End Date: 2015-09-10 - 2016-07-12

Name of the project/grant: Investigation of climate, climatic and agroclimatic resources of certain administrative regions of Georgia (Kakheti)
Position: Main staff
Donor: state budget
Leader Organization: Institute of Hydrometeorology

Start | End Date: 2014-01-02 - 2016-01-02

Name of the project/grant: Development and validation of 1936-2008 year high resolution monthly gridded temperature and precipitation data set for use in global climate change assessment in Georgia
Position: Specialist -Agro-meteorologist
Donor: Sh.Rustaveli National Science Foundation. Grant 09-734-5-170. Grant Agreement №1-5/67
Leader Organization: Institute of Hydrometeorology
Start | End Date: 2012-10-25 - 2013-02-06

Name of the project/grant: International project - Landscape-sectoral planning of Dedoplistskaro district
Position: Expert-Agro-climatologist
Donor: GIZ
Leader Organization: TSU
Start | End Date: 2011-08-24 - 2011-12-29

Name of the project/grant: Atlas of Climatic and Agro-climatic Resources of Georgia
Position: Main staff
Donor: GTU
Leader Organization: Institute of Hydrometeorology
Start | End Date: 2011-05-04 - 2011-12-28

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

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: Main staff
Donor: state budget
Leader Organization: Institute of Hydrometeorology
Start | End Date: 2010-01-02 - 2012-01-02

Scientific Productivity

Scopus

Cited Index: 2

H Index:

Web of science

Cited Index:

H Index: 4

Google scholar

Cited Index: 60.0

H Index: 6.00

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
- 2023-10-27 - International Scientific Conference - Natural Resources and resorts as sustainable development factors. Report-Evaluation of climatic and forest resources of mountainous regions of Georgia using modern technologies
- 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
- 2022-11-17 - 1st International Scientific Conference - World scientific reports. Paris, France. Reports-1.Determining the water demand of agricultural crops in the village of Vidya, Gardabani municipality; 2.Irrigation efficiency during sowing and vegetation period
- 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
- 2022-06-01 - International Scientific Conference - World Viticulture and Enology - The History, Modernity and Perspectives of Sustainable Development. Report-Modern agroclimatic aspects of viticulture in Georgia
- 2021-11-20 - International Scientific Conference - International Scientific-Practical Conference Aspects of Innovative Research in Agrarian Sciences. Report-Agro-climatic potential of Kvemo Kartli arid subtropical zone under conditions 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
- 2020-02-03 - The Eighth annual conference in exact and natural sciences. Report - Global warming and evaluation of agroecological conditions in Samegrelo - Zemo Svaneti region

- 2019-02-19 - The seventh annual conference in exact and natural sciences. Report - The Impact of Global Warming on Vine Sorts. Iv.Javakishvili Tbilisi State University
- 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
- 2017-10-25 - International conference - Viticulture and Wine-Making in European Countries - Historical Aspects and Prospects. Report - Distribution of Grapevine Culture and Global Warming in Georgia. GAAS
- 2017-09-29 - International conference - New Challenge for Geography: Landscape Dimensions of Sustainable Development. Report - Earth Observing System Satellite Data Applications in Georgia. TSU, Georgia
- 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, Georgia
- 2016-07-12 - 16th international multidisciplinary scientific geoconference, SGEM. Report - Evaluation of the agro-climatic potential of the high mountainous areas in South Georgia to develop ecological agriculture. Albena, Bulgaria
- 2016-09-28 - International conference - Modern technologies to produce ecologically pure products for sustainable development of agriculture. Report - Agroclimatic Conditions of Organic Farming in the Mountainous Reas of Javakheti. GAAS
- 2016-09-21 - International conference Grography: Developent of Science and Education. Report - Goals of landscape Planning of Tbilisi and Expected outcomes. St.Peterburg
- 2015-11-05 - International scientific conference - Global Warming and Agrobiodiversity. Report - Satellite technologies in Forest Ecological Monitoring . GAAS
- 2015-11-04 - International scientific conference - Global Warming and Agrobiodiversity. Report - Global Warming and Increasing Tendency of Development Agriculture Basic Indices and Drought in Kakheti. GAAS
- 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
- 2014-10-04 - International conference - Climate Change and its Influence on Sustainable and Safe Agriculture Development. Report -Satellite Information for Climate Change Mitigation in Agroforestry. GAAS

- 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 Kakhety 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
- 2013-10-07 - International conference - Contemporary Challenges for Sustainable Forest Management in Caucasus. Report - Reducing Deforestation and Forest Degradation Through Remote Sensing Techniques. Agrarian university, Georgia
- 2013-07-22 - International conference - Kolkhety Lowland Water Ecosystems - Protection and Efficient use. Report - Climatic and Agroclimatic Features of Kolkhety Lowland Humid Subtropical Zone. 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 Mtskheta-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
- 2011-10-28 - International Scientific Conference - Priorities of the Sustainable Development of Agriculture. Report - Modern Trends in the Dynamics of the Rural Population of Georgia. I.Javakhishvili Tbilisi State University, Georgia
- 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.
- 2010-06-10 - International Conference - Climate Change Curriculum in Higher Education. Report - Climate Change in Georgia. (CRDF), (NCSE), (GNSF), 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"
- 2017-02-21 - Diploma Academy of Agricultural sciences of Georgia - "For Successful Activity in Agrarian Field"

Languages

- Georgian
- Russian
- English

Additional information

From 2008 up till now - Secretary of Scientific Board of Institute Hydrometeorology;

- From 2009 up till now - Member of Editorial Council of Institute Hydrometeorology;
- 2009 -2012 Member of Dissertation Broad of Georgian State Agrarian University;
- 2009 - Head of the Competitive Commission of Academic positions (Telavi state University);
- 2007-2012 Member of Scientific Broad of Georgian State Agrarian University;
- 2011 - Member of Editorial Council Climatic and Agroclimatic Atlas;
- 2011, 2013 - Member of Organizing Committee of International Scientific Conferences („Pressing Problems in Hydrometeorology and Ecology“) of Institute Hydrometeorology at the GTU;
- 2014 - Member of Organizing Committee of International Scientific Conference („Climate change and its impact on sustainable and safe development of agriculture") of the Academy of Agricultural sciences of Georgia;
- 2014 - Member of the Competitive Commission of Academic positions (Institute of Hydrometeorology at the Georgian Technical University
- 2014 - Shota Rustaveli National Science Foundation - „**Competitive Grants for Young Scientists Internships Abroad**“, Expert
- 2014 - Member of Dissertation College of Chemistry and Biology Department at the Georgian Technical University;
- 2014, 2015, 2016, 2017 - Member of the editorial board of the International Conference of the Academy Agricultural Sciences of Georgia;

- 2013, 2016 - Expert of International Scientific Journal of Environmental Biology (JEB) - Special Issue.
- 2016 - Member of the editorial board of the handbook - Samtskhe-Javakheti
- 2016 - Member of the „National Committee Human and Bio-safety" (UNESCO), Georgian National Academy of Sciences;
- 2017 - Expert of Book („Way to Farming") of the Georgian Farmers' Association;
- 2017 - Diploma Academy of Agricultural sciences of Georgia - "For Successful Activity in Agrarian Field"
- From 2018 up till now - National Coordinator of Georgian Academy of Agricultural Sciences in the field of Agricultural Ecology;
- From 2019 up till now - Academic Council Member of Georgian Technical University.
- From 2019 up till now - Editorial Board Member of International scientific journals - „Agriculture and Food";
- From 2019 up till now - Member of the Agrarian Innovation Commission of the Georgian Academy of Agricultural Sciences
- 2014 - American-Georgian certificate - „teaching and modern teaching methodologies". Professional Development Center - „Learning and Teaching Training Center" (CETL) of Iowa (US) University;
- 2021 - certificate - Online Teacher Training (OTT) Course in frames of the erasmus+ CBHE project # 585760-EPP-1-2017-1-AM-EPPKA2-CBHE-JP „Change in Classroom: Promoting Innovative Teaching & Learning to Enhance Student Learning Experience in Eastern Partnership Countries", PRINTEl. Title of the OTT Course: „Video as a learning tool for remote emergency teachers".
- 2023 - Award (diploma) of the Georgia Academy of Agricultural Sciences - „The best fundamental, educational and applied work of the year in the agricultural field" was awarded to the monograph "Climate change: agro-climatic challenges and prospects in Eastern Georgia".
- From 2023 up till now - Member of the editorial board of the international peer-reviewed periodical "Caucasus Geographical Journal".