

Aleksandre Surmava

Personal Information

Name Surname: **Aleksandre Surmava**
Date of Birth: 1945-10-15
Sex: Male
Citizenship: Georgian
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Education

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: M. Nodia Institute of Geophysics of the Georgian Academy of Sciences
Qualification: Geophysic
Date of grant: 2005-05-13
Country: Georgia

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: Computing Center of the Siberian Division of the Academy of Sciences of the USSR
Qualification: Geophysic
Date of grant: 1978-05-17
Country: USSR

Academic Degree: Master's/Equivalent to Master's
Educational Institution: Computing Center of the Siberian Division of the Academy of Sciences of the USSR
Qualification: Geophysic
Date of grant: 1975-09-02
Country: USSR

Academic Degree: Master's/Equivalent to Master's
Educational Institution: TSU: Ivane Javakhishvili Tbilisi State University
Qualification: Geophysic
Date of grant: 1969-06-05
Country: Georgia

Work Experience

Organization: Institute of Hydrometeorology of Georgian Technical University

Structural Unit: Natural environment pollution monitoring and forecasting department
Position: Chief Scientific
Date of commencement of work: 2018-05-15
Date of completion of work: 2023-12-31

Organization: M. Nodia Institute of Geophysics of Iv. Javakishvili Tbilisi State University
Structural Unit: The sector of mathematical modeling of geophysical and ecological processes
Position: Senior Researcher
Date of commencement of work: 2012-02-14
Date of completion of work: 2017-01-03

Organization: Institute of Hydrometeorology of Georgian Technical University
Structural Unit: Natural environment pollution monitoring and forecasting department
Position: Chief Scientific
Date of commencement of work: 2008-02-06
Date of completion of work: 2018-04-14

Organization: Institute of Geophysics of the Georgian Academy of Sciences
Structural Unit: Department of mathematical modeling of geophysical and ecological processes
Position: Senior Researcher
Date of commencement of work: 2005-08-01
Date of completion of work: 2006-10-04

Organization: Institute of Geophysics of the Georgian Academy of Sciences
Structural Unit: Laboratory of Mathematical Modeling of Atmospheric Processes
Position: Head of the laboratory
Date of commencement of work: 1989-10-16
Date of completion of work: 2005-06-01

Organization: Republican Division of Hydrometeorology of Georgia
Structural Unit: Republican Center for Environmental Pollution Control
Position: Head of the center
Date of commencement of work: 1985-12-10
Date of completion of work: 1989-10-16

Organization: Transcaucasia Scientific Research Institute of Hydrometeorology

Structural Unit: Atmosphere Laboratory
Position: Head of the laboratory
Date of commencement of work: 1981-04-10
Date of completion of work: 1985-12-09

Organization: Transcaucasia Scientific Research Institute of
Hydrometeorology
Structural Unit: Department of Environmental Control
Position: Senior Researcher
Date of commencement of work: 1979-06-01
Date of completion of work: 1981-04-10

Organization: Transcaucasia Scientific Research Institute of
Hydrometeorology
Structural Unit: Laboratory of Cloud Physics and Active Impacts
Position: Junior Researcher
Date of commencement of work: 1977-02-01
Date of completion of work: 1979-06-01

Projects & Grants

Name of the project/grant: Investigation of PM - particle pollution of Tbilisi,
Rustavi and their surrounding areas
Position: Key Personnel
Donor: Ministry of Education and Science of Georgia
Leader Organization: Hydrometeorological Institute of GTU
Start | End Date: 2020-01-05 - 2022-12-25

Name of the project/grant: Investigation and forecast of Tbilisi region
pollution with the dust, PM2.5 and PM10 particles
- NFR-18-3667
Position: Key Personnel
Donor: Shota Rustaveli National Science Foundation of
Georgia
Leader Organization: Hydrometeorological Institute of GTU
Start | End Date: 2019-03-24 - 2022-03-24

Name of the project/grant: Evaluation of Hydrobiochemical Condition of Lisi
Lake - SCR/6/7/20917
Position: Consultant
Donor: Shota Rustaveli National Science Foundation of
Georgia
Leader Organization: Komarovi school
Start | End Date: 2017-11-05 - 2018-12-23

Name of the project/grant: Black Sea Scene- Black Sea scientific network

Position: Principal Investigator
Donor: EU
Leader Organization: M. Nodia Geophysic Institute of TSU
Start | End Date: 2013-04-18 - 2015-04-18

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 polluting substances - AR/373/9-120/12
Position: Key Personnel
Donor: Shota Rustaveli National Science Foundation of Georgia
Leader Organization: M. Nodia Geophysic Institute of TSU
Start | End Date: 2013-03-04 - 2015-03-04

Scientific Productivity

Scopus

Cited Index: 9

H Index: 1

Web of science

Cited Index: 6

H Index: 1

Google scholar

Cited Index: 177

H Index: 7

Conference, Symposium, Award

- 2008-03-02 - International Conference - International Year of the Earth - Climate, Natural Resources, Natural Disasters in the South Caucasus
- 2010-10-20 - Scientific-Technical Conference "Environmental Protection and Sustainable Development"
- 2011-09-27 - Scientific-technical conference „Current problems of hydrometeorology and ecology"
- 2013-06-06 - VI International Scientific and Practical conference „ Internet and Society' INSO -2013
- 2013-05-28 - INTERNATIONAL SCIENTIFIC-TECHNICAL CONFERENCE “PRESSING PROBLEMS IN HYDROMETEOROLOGY AND ECOLOGY” ANNIVERSARY OF THE FOUNDATION OF THE INS HYDROMETEOROLOGY
- 2013-12-09 - International Conference “Advanced Problems in Geophysics”
- 2014-06-01 - 21 st Annual CSCM-World Congress on CBRNe Science & Consequence Management
- 2015-10-03 - International Conference "Modern Problems of Geography and Anthropology"
- 2017-07-07 - VIII International Scientific and Practical conference „ Internet and Society'

- 2018-07-05 - International Scientific Conference "Modern Problems of Ecology"
- 2018-06-19 - Twenty Sixth International Conference on Modelling, Monitoring And Management of Air Pollution
- 2018-04-18 - 72nd Annual International Scientific and Practical Conference Gertsenovskiy, Geography: Science and Education Development
- 2019-11-11 - International Scientific-Technical Conference - Environmental Protection and Sustainable Development, dedicated to the 80th anniversary of Professor V. Eristavi
- 2019-12-21 - International Scientific Conference - Natural Disasters in Georgia: Monitoring, Prevention, Mitigation
- 2019-09-09 - International Multidisciplinary Conference - Actual Problems of Landscape Sciences: Environment, Society, Politics
- 2020-03-23 - International Conference In Air Pollution
- 2020-06-16 - Current Problems of Ecology and Soil Science in the XXI Century VI Republican Scientific Conference
- 2020-08-20 - International Conference- Scientific enquiry in the contemporary world: Theoretical basic and innovative approach
- 2020-09-26 - International Scientific Conference-Modern Problems of Ecology
- 2021-09-16 - XV. International Conference on Air Pollution Control Strategies and Environment
- 2021-06-21 - XV. International Conference on Urban Air Pollution Modeling
- 2021-04-21 - Annual Scientific-Practical Conference LXXII Herzen readings
- 2021-01-01 - International Conference on Environment and Life Science
- 2021-12-20 - International Scientific Conference, 21st Century Natural Disasters: Monitoring, Prevention, Mitigation
- 2022-04-20 - Международная научно-практическая конференция LXXV Герценовские чтения География: развитие науки и образования
Международная научно-практическая конференция LXXV Герценовские чтения География: развитие науки и образования
- 2022-10-14 - International scientific conference "Modern problems of ecology"
- 2022-11-21 - International Conference of Young Scientists "Modern Problems of Earth Science"
- 2023-04-20 - International Scientific Conference "Chemistry Achievements and Prospects" dedicated to the 90th anniversary of the birth of Academician Givi Tsintsadze
- 2023-11-23 - International scientific conference "Modern problems of ecology"
- 2023-11-16 - International scientific conference "Geophysical processes taking place in the Earth and its shells"
- 2023-10-02 - 5th Euro-Mediterranean Conference for Environmental Integration EMCEI 2023
- 2023-03-06 - XVII. International Conference on Modelling, Monitoring and Management of Air Pollution

Languages

- English
- Russian
- Georgian