

**EUROPEAN  
CURRICULUM  
VITAE  
FORMAT**



**JOB REFERENCE NUMBER**

**PERSONAL INFORMATION**

Name	Tamar Jimsheladze
Address	TSINAMDZGVRISHVILI STR.84, TBILISI GEORGIA
Telephone	+995 555 40 79 83
Fax	+995 322146764
E-mail	jimsheladzetamuna@gmail.com
Website	<a href="http://www.gga.ge">www.gga.ge</a> <a href="http://www.hggrc.net">www.hggrc.net</a> <a href="http://www.tsu.eu.ge">www.tsu.eu.ge</a>

Nationality	Georgian
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Date of birth	06/04/1980, Tbilisi, Georgia
Gender	Female

**WORK EXPERIENCE –  
RADNO ISKUSTVO**

- |                                |   |
|--------------------------------|---|
| • Dates (from – to)            | 2002-2006   |
| • Name and address of employer | Ministry of Environment protection and Natural resource of Georgia, Mosashvili Str.24               |
| • Type of business or sector   | Seismohydrogeodeformation Researcher Center, Department of the transformation and exchange of date. |
| • Occupation or position held  | Specialist of the transformation and exchange of data   |
| • Dates (from – to)            | 2006-2011   |
| • Name and address of employer | Institute of Earth Sciences of Ilia State University, Nutsubidze Str.77                             |
| • Type of business or sector   | Research Laboratory   |
| • Occupation or position held  | Assistant Explorer  |
| • Dates (from – to)            | 2011-Current  |
| • Name and address of employer | Ivane Javakhishvili Tbilisi State University M.Nodia Institute of Geophysics, Chavchavadze Ave 1    |
| • Type of business or sector   | Research Center of Hydrogeology and Geothermy   |
| • Occupation or position held  | Researcher  |

**EDUCATION AND TRAINING**

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|--|--|
| • Dates (from – to)  | 1997-2002  |
| • Name and type of organization providing education and training | Faculty of Physic, Ivane Javakhishvili State University of Tbilisi |
| • Principal subjects/occupational skills covered                 | Physics  |
| • Title of qualification awarded                                 | Bachelor in Physics  |
| • Level in national classification (if appropriate)              | Bachelor   |

- Dates (from – to)
- Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
- Title of qualification awarded
  - Level in national classification (if appropriate)
  - Dates (from – to)
  - Name and type of organization providing education and training
    - Principal subjects/occupational skills covered
- Title of qualification awarded
  - Level in national classification (if appropriate)

## PERSONAL SKILLS AND COMPETENCES

### MOTHER TONGUE OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

- **Reading skills**
- **Writing skills**
- **Verbal skills**

### SOCIAL SKILLS

#### AND COMPETENCES

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.*

2002-2004

Ivane Javakhishvili State University of Tbilisi, Faculty of Geophysics

Geothermic

The degree of Master Geophysics  
Master

2013-2015

S. Dimitrov Geological Institute, Bulgarian Academy of Sciences

Hydrogeology

the degree of PhD  
PhD

## GEORGIAN

### ENGLISH

Advanced  
Advanced  
Advanced

### Russian

Excelent  
Excelent  
Excelent

**Project (2003)** Studying of Geotemperature Regime in the Seismoactive district of Tbilisi.

**Project (2006-2007)** Study of geological deformational processes in the Caucasus seismically active region.

**Project (2008-2009)** - Hydrodynamical Digital Model of Tbilisi Thermal Region and Regularities of Thermal Field Distribution.

**Project (2008-2011)** Study of geodeformational processes in Georgian seismoactive region

**Project (2009-2010)** Applying Isotope Techniques for assessment of water resources in Georgia

**Project (2009)** Study of Geomagnetic variations in Black Sea Region and establish the anomaly nature of earthquake's precursors".

**Project (2011-2013)** Balkan, Black Sea, Caucasus, Caspian NETWORK for Complex Research of Earthquake's Forecasting Possibilities, Seismicity and Climate Change Correlations –BlackSeaHazNet.

**Project (2011-2013)** Use of Environmental Isotopes in Assessing Water Resources in Snow, Glacier, and Permafrost Dominated Areas under Changing Climatic Conditions.

**Project (2011-2014)** Natural analogue investigation for CCS in the Southern Caucasus.

**Project (2012-2014)** Using Environmental Isotopes for assessment of recharge dynamics and groundwater – streamwater interactions in the Alazani-lori valleys, Eastern Georgia, for sustainable development of communities in the region.

**Project (2013-2016)** Environmental Isotopes Testing in Alazani-Iori Catchments (East Georgia) For Provision of Sustainable Use of Groundwater Resources.

**Project (permanent)** IAEA-WMO PROGRAMME ON ISOTOPIC COMPOSITION OF PRECIPITATION: GLOBAL NETWORK OF ISOTOPES IN PRECIPITATION.

**Project (2014-2017)** Spatial and Temporal Variability of Geodynamical Field and Its Influence on the Deep Aquifers and Geomagnetic Field.

**Project (2014-2017)** Snow resources and the early prediction of hydrological drought in mountainous streams.

**Project (2014-2015)** Using Isotope and Hydrochemical Techniques for the Assessment of Water Resources.

**Project (2016-2018)** Assessment of climate changes on the territory of Georgia revealed by microtemperature variation in boreholes

## ORGANISATIONAL SKILLS

### AND COMPETENCES

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc*

Working in groups; I am participant large number of projects with large teams and staffs;

International conferences and workshops; Seminars.

## TECHNICAL SKILLS

### AND COMPETENCES

*With computers, specific kinds of equipment, machinery, etc*

Windows, MS Office, Adobe Photoshop, MatLab, OriginPro, Delphi and some professional Geophysical programs.

## ARTISTIC SKILLS

### AND COMPETENCES

*Music, writing, design, etc.*

LOVE MUSIC, DANCE, ART, TRAVELING AND NATURE

## DRIVING LICENCE(S)

## ADDITIONAL INFORMATION

### List of papers in paast 10 years

#### 2016

George Melikadze, Tamar Jimsheladze, Genadi Kobzev, Alexandre Tchankvetadze, Marina Devidze, Hydrodynamic and geomagnetic anomalies related with preparation of earthquakes in Caucasus, Journal of Georgian Geophysical Society, Issue (A), Physics of Solid Earth, v.19a, 2016, pp. 79-96

#### 2016

G.Melikadze, G.Kobzev, T.Jimsheladze, A. Chankvetadze. Hydrodynamic anomalies as precursors of average degree earthquakes in the Georgia. Transactions of Mikheil Nodia Institute of Geophysics, vol. LXVI, 2016

#### 2015

Kobzev G.,Melikadze G., Jimsheladze T., Tchankvetadze A. Influence Inhomogeneous Of Relief On The Gravity Field In the Underground Water Regime. Ivane Javakhishvili state university Mikheil Nodia Institute of Geophysics. Proceedings vol. LXV. 2015 Tbilisi.

#### 2015

George Melikadze, Tamar Jimsheladze, Genadi Kobzev, Aleksandre Tchankvetadze, Marina Devidze, Nino Kapanadze. Methodologically detection of distribution in geodynamic fields of the Earth during preparation the earthquakes. Journal of Georgian Geophysical Society, Issue (A), Physics of Solid Earth, v.18a, 2015, pp. 3-12.

#### 2014

G. Melikadze, N. Kapanadze, G. Kobzev, T. Jimsheladze, A. Sborshchikovi. ASSESSMENT OF THE GEOTHERMAL POTENTIAL OF WEST GEORGIA\_ Nano Studies, 2014, 10, 123-128.

#### 2014

G.Melikadze, T. Jimsheladze, M. Todadze, S. Vepkhvadze, N. Kapanadze. „Some aspects of natural gases distribution on the territory of Georgia”. Bulgarian Academy Of Sciences, Engineering Geology And Hydrogeology, 28. (15-24pp.) Sofia,2014.

**2014**

G.Melikadze, G.Kobzev, T.Jimsheladze. "Some Methods of Analyze Geodynamic Imfuct on the Deep Aquifare". Journal of Georgian Geophysical Society 01/2014; Physics of Solid Earth, v.17a (Issue (A)):47-52.

**2014**

George Melikadze, Natalia Zhukova, Mariam Todadze, Sopio Vepkhvadze, Nino Kapanadze, Alexandre Chankvetadze, Tamar Jimsheladze, Ramaz Chitanava; Preliminary result of stable isotopes monitoring in the Alazani-lori catchment; Journal of Georgian Geophysical Society, Issue (A), Physics of Solid Earth, v.17a, 2014, pp. 39-46

**2014**

George Melikadze, Natalia Zhukova, Mariam Todadze, Sopio Vepkhvadze, Nino Kapanadze, Alexandre Chankvetadze, Tamar Jimsheladze, Tomas Vitvar ; Evaluation of recharge origin of groundwater in the Alazani-lori basins, using hydrochemical and isotope approaches; Journal of Georgian Geophysical Society, Issue (A), Physics of Solid Earth, v.17a, 2014, pp. 53-64

**2014**

G. Melikadze, T. Jimsheladze, G. Kobzev, A. Benderev, E. Botev. "Linear methods of studying the water level variation related with seismicity". Geophysical Journal International (Impact Factor: 2.72). 01/2014; Physics of Solid Earth, v.17a (Issue (A)):65-75.

**2014**

G.Melikadze, G. Kobzev, T. Jimsheladze. "Выявление предвестников землетрясения с помощью Гидродинамического мониторинга на территории Грузии". Reports, presented on the Scientific Conference "80 years of the M. Nodia Institute of Geophysics, Tbilisi, 2014.

**2013**

A.Gevorgyan, A.Khangaldyan, S.Cth.Mavrodiev, M.Adibekyan, G.Melikadze, A.Sborshchikovi, G. Kobzev, T. Jimsheladze. ., Method of Standard Deviation for Analysis of Caucasus Borehole Water Level Data "Complex Research of Earthquake's Forecasting Possibilities, Seismicity and Climate Change Correlations, BlackSeaHazNet Workshop, Sofia,Bulgaria; 12/2013.

**2013**

G.Melikadze, G. Kobzev, T. Jimsheladze, A. Sborshchikovi. "Water Level's Variation in Boreholes of Georgia (2011-2013)". Complex Research of Earthquake's Forecasting Possibilities, Seismicity and Climate Change Correlations, BlackSeaHazNet Workshop, Sofia,Bulgaria; 12/2013.

**2013**

G. Melikadze, M. Todadze, G. Kobzev, T. Jimsheladze, A. Sborshchikovi, N. Kapanadze. "Evaluation of Water Level Observation Technology on the Territory of Georgia". Complex Research of Earthquake's Forecasting Possibilities, Seismicity and Climate Change Correlations, BlackSeaHazNet Workshop, Sofia,Bulgaria; 12/2013.

**2013**

T. Jimsheladze, G. Melikadze, G. Kobzev "Construction and analysis of the stress state of environment during the preparation of the Racha earthquake 2009" Proceedings of Mikheil Nodia Institute of Geophysics, Tbilisi, Georgia, 2013.

**2013**

George Melikadze, Olga Körting Nino Kapanadze, Birgit Müller, Mariam Todadze, Tamar Jimsheladze, Alexander Chankvetadze; Investigation of carbon dioxide fluxes and possibility its storage in Georgia; Journal of Georgian Geophysical Society, Issue A. Physics of Solid Earth, vol. 16A

**2013**

T. Jimsheladze, G. Melikadze, A. Chankvetadze, R. Gagua, T. Matiashvili, "The Geomagnetic Variations in Dusheti Observatory January- June 2013", Journal of Georgian Geophysical Society, Issue A. Physics of Solid Earth, vol. 16A 2013.

**2012**

T. Jimsheladze, G. Melikadze, A. Chankvetadze, R. Gagua, T. Matiashvili. The Geomagnetic Variation in Dusheti Observatory Related With Earthquake Activity in East Georgia, Journal of the Georgian Geophysical Society, Issue A. Physics of Solid Earth, vol. 15A, p.118-128, 2012

**2011**

G. Kobzev, G. Melikadze, T. Jimsheladze., New method of hydrodynamical data analyse, Workshop-seminar "Complex research of earthquake's forecasting possibilities, seismicity and climate change correlations" materials, "BlackSeaHazNet Series, Volume 25-72, 2011, Tbilisi, Georgia

**2011**

G. Melikadze, N. Kapanadze, G. Kobzev, T Jimsheladze, Geodynamical Impact on the Hydrodynamic Field, Workshop-seminar "Complex research of earthquake's forecasting possibilities, seismicity and climate change correlations" materials, "BlackSeaHazNet Series, Volume 2, 164- 169, 2011, Tbilisi, Georgia, <http://dSPACE.nplg.gov.ge/handle/1234/9101>

**2011**

T. Jimsheladze, G. Melikadze, G. Kikuashvili, S. Mavrodiev, L. Pekevski, M. Chkhitunidze, Study of Geomagnetic Variations in Georgia and establishment the Anomaly Nature of Earthquake Precursors,

**2010**

T. Jimsheladze, G. Kobzev, G. Melikadze, N. Zhukova, Geodynamical Impact on the Water Level Variations in the Boreholes, Workshop materials "Exploration and exploitation of groundwater and thermal water systems in Georgia, 69-83, 2010, Tbilisi, Georgia

**2009**

G. Melikadze, G. Kobzev, T. Jimsheladze, N. Kapanadze, N. Dovgal, "Some analyze method of hydro-geodynamical data", Ministry of Education and Sciences of Georgia, Georgian Academy of Sciences, Institute of Hydrogeology and Engineering Geology, Proceedings, Vol. XVII, Tbilisi 2009.

**2008**

M. Todadze, N. Kapanadze, G. Melikadze, V. Glonti, T. Jimsheladze, "Variation of hydro-chemical regime of underground water during preparation of seismic events", Transactions of the Institute of Hydrometeorology, International year of the Planet earth, "Climate, Natural resources, Disasters in the South Caucasus", Papers of the International Conference, vol. #115, p. 389-393, 2008.

**2008**

G. Melikadze, T. Jimshiladze, G. Kobzev, N. Kapanadze, N. Dovgal, "Seismohydrodynamic observations on the territory of Geoorgia", Transactions of the Institute of Hydrometeorology, International year of the Planet earth, "Climate, Natural resources, Disasters in the South Caucasus", Papers of the International Conference, vol. #115, p. 375-380, 2008.

**2008**

Tamaz L. Chelidze, Tamar J. Jimsheladze, George I. Melikadze, "Induced seismicity due to the oil production in Tbilisi region, Georgia", Journal of Georgian Geophysical Association, №12, 2008. <http://adsabs.harvard.edu/abs/2009EGUGA..11.4354M>

**2008**

Cht, Mavrodiev S., L. Pekevski, and T. Jimsheladze. "Geomagnetic-Quake as Iminent Reliable Earthquake's Preqursor: Starting point Future Complex Regional Network." *Electromagnetic Phenomena related to earthquake s and volcanoes*. Editor: Birbal Singh. Publ., Narosa Pub. House, new Delhi (2008): 116-134.

**2008**

T. Jimsheladze, N. Kapanadze, G. Melikadze. "Microtemperature observation in Tbilisi seismoactiv region", Journal of Georgian Geophysical Association, №12, 2008

**2007**

G. Melikadze, I. Kobzeb, N. Kapanadze, Z. Machaidze, T. Jimsheladze, Analyze of underground water regime factors for determine tectonic component, LEPT Institute of Hydrogeology and Engineering Geology, Collection articles, vol. XYI. Proceeding of Conference Dedicate to the 100-th Anniversary of Professor Josef Buachidze. Tbilisi. 2007

<http://dspace.gela.org.ge/xmlui/handle/123456789/4847>