

**EUROPEAN
CURRICULUM
VITAE
FORMAT**



JOB REFERENCE NUMBER

PERSONAL INFORMATION

Name	NINO KAPANADZE
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E-mail	ninokapanadze@gmail.com nino.kapanadze@tsu.ge
Web-site	www.tsu.edu.ge www.gqa.ge www.hgqrc.net
Nationality	Georgian
Date of birth	19,MARCH, 1974
Gender	

WORK EXPERIENCE

- | | |
|--|---|
| <ul style="list-style-type: none">• Dates (from – to)• Name and address of employer• Type of business or sector• Occupation or position held• Main activities and responsibilities | <p>2011 to present
M. Nodia Institute of Geophysics, Iv. Javakhishvili Tbilisi State University
M. Alexidze 1, 0177, Tbilisi, Georgia
RESEARCH CENTER HYDROGEOPHYSICS AND GEOTHERMY
Researcher
Applying and development of methods for hydrogeological, hydrochemical, geophysical observations, hydrogeophysical investigations various appearances connected with applied geophysics, conducting and organization of field measurements and projects, data collecting at the given locations, data analyzing.</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Name and address of employer• Type of business or sector• Occupation or position held• Main activities and responsibilities | <p>2006 to2011
Seismic monitoring Centre, Ilia State University
Department of Seismicity and related Geo-processes,
Researcher
Hydrogeological, hydrochemical, geophysical studies, conducting and organization of field measurements and projects, data collecting at the given locations, data analyzing.</p> |
| <ul style="list-style-type: none">• Dates (from – to)• Name and address of employer• Type of business or sector• Occupation or position held• Main activities and responsibilities | <p>2004 to 2005
Department of Geology; Seismo-Hydro-Geodeformation Research Centre, Tbilisi, Georgia
Department f information Processing
Head of department
Hydrogeophysical and geochemical monitoring of the wells, conducting and organization of field measurements, data collecting at the given locations, data analyzing.</p> |

- Dates (from – to) 2001 to 2004
- Name and address of employer Department of Geology; Seismo-Hydro-Geodeformation Research Centre, Tbilisi, Georgia
- Type of business or sector Department of information Processing
- Occupation or position held Geophysicist
- Main activities and responsibilities Collecting and processing of hydrogeophysical and hydrochemical data , support of information exchange between neighboring colleagues in order to create the hydrogeodeformation field of the region.

- Dates (from – to) 1996 to 2001
- Name and address of employer Department of Geology; Seismo-Hydro-Geodeformation Research Centre, Tbilisi, Georgia
- Type of business or sector Department of observation
- Occupation or position held Consultant
- Main activities and responsibilities Supporting the observation in the wells, data collection, field trips

- Dates (from – to) 1993 to 96
- Name and address of employer Department of Geology; Seismo-Hydro-Geodeformation Research Centre, Tbilisi, Georgia
- Type of business or sector Department of observation
- Occupation or position held Laboratory assistant
- Main activities and responsibilities Supporting the observation in the wells, data collection, field trips

EDUCATION AND TRAINING

- Dates (from – to) 1991-1996
- Name and type of organization providing education and training Ivane Javakhishvili Tbilisi State University, Faculty of geology-geography
- Principal subjects/occupational skills covered Applied geophysics, geophysical processes with connection to seismology and geological characteristics of the Earth
- Title of qualification awarded Master, engineer geophysicist
- Level in national classification (if appropriate)
- Dates (from – to) 2011 – up to date
- Name and type of organization providing education and training Ivane Javakhishvili Tbilisi State University, department of geology, PHD student
- Principal subjects/occupational skills covered Hydrogeology-geothermy
“Study Tbilisi region Geothermal potential using the modern hydrogeophysical methods”
- Title of qualification awarded
- Level in national classification (if appropriate)

- Dates (from – to) December, 2013
- Name and type of organization providing education and training Josef Stefan institute, Ljubljana, Slovenia
- Principal subjects/occupational skills covered Radon measurement methods
- Dates (from – to) September, 2013
- Name and type of organization providing education and training Hellenic Centre for Marine researches, Annavisos, Greece
- Principal subjects/occupational skills covered Radon in ground and sea water
- Dates (from – to) March, 2013
- Name and type of organization providing education and training IG of BAS, Sofia, Bulgaria
- Principal subjects/occupational skills covered Modern research methods in hydrogeology and geothermy
- Dates (from – to) December, 2012
- Name and type of organization providing education and training IG of BAS, Sofia, Bulgaria
- Principal subjects/occupational skills covered Methods of tectonic deformation studies
- Dates (from – to) April, 2012
- Name and type of organization providing education and training TUBITAK MAM, Gebze, Turkey
- Principal subjects/occupational skills covered Seismological research using ambient seismic noise
- Dates (from – to) October, 2011
- Name and type of organization providing education and training TUBITAK MAM, Gebze, Turkey
- Principal subjects/occupational skills covered Seismological research using ambient seismic noise
- Dates (from – to) July, 2010
- Name and type of organization providing education and training TU- Clausthal, Institute of Geophysics, Germany
- Principal subjects/occupational skills covered Petrophysical properties of the rocks
- Dates (from – to) July, 2010
- Name and type of organization providing education and training Gottingen University, Geosciences Center, Germany
- Principal subjects/occupational skills covered HEG- Hydrogeology field course
- Dates (from – to) June-July, 2009
- Name and type of organization providing Hacettepe university, department of Geological Engineering, Hydrogeology section, Ankara, Turkey

education and training

- Principal subjects/occupational skills covered

- Dates (from – to)
- Name and type of organization providing education and training

- Principal subjects/occupational skills covered

- Dates (from – to)
- Name and type of organization providing education and training

- Principal subjects/occupational skills covered

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.

Groundwater hydrology

October, 2009

M. Nodia Institute of Geophysics

Application of stable isotopes protecting of drinking water resources

July- August, 2007

TU-Clausthal, Institute of Geophysics

Frequency analysis of microtemperature data series

GEORGIAN

ENGLISH

Good

Good

Good

RUSSIAN

Good

Average

Good

Research Grant Projects

- Rustaveli National Scientific Foundation-**Spatial and Temporal Variability of Geodynamical Field and Its Influence on the Deep Aquifers and Geomagnetic Field.** 2014-2017.
- International Atomic Energy Agency - **Using Isotope and Hydrochemical Techniques for the Assessment of Water Resources.** 2014-2015.
- IAEA-WMO PROGRAMME ON ISOTOPIC COMPOSITION OF PRECIPITATION: GLOBAL NETWORK OF ISOTOPES IN PRECIPITATION –“GNIP “ -Permanent
- Rustaveli National Scientific Foundation, **Environmental Isotopes Testing in Alazani-Iori Catchments (East Georgia) For Provision of Sustainable Use of Groundwater Resources.** 2013-2016.
- IAEA - **Supporting Environmental Isotope Assessment to Improve the Sustainable Management of Groundwater Resources.** 2012-2013.

- FP7 BLACK SEA ERA.NET - BSERANET-018. **Natural analogue investigation for CCS in the Southern Caucasus**". Participant. 2011-2014.
- IAEA - **Use of Environmental Isotopes in Assessing Water Resources in Snow, Glacier, and Permafrost Dominated Areas under Changing Climatic Conditions**. 2011-2013
- FP7- MARIE CURIE ACTIONS Balkan, Black Sea, Caucasus, Caspian - **NETWORK for Complex Research of Earthquake's Forecasting Possibilities, Seismicity and Climate Change Correlations –BlackSeaHazNet**. 2011-2013
- FP7 BLACK SEA ERA.NET BSERANET-019. **Investigation of Submarine Groundwater Discharge (SGD) for preventing pollution and eutrophication of the coastal sea**. 2011-2013.
- IAEA - **Role of snow in hydrological cycle of the Borjomula – Gudjaretis-Tskali rivers basin, Georgia**. 2011-2013.
- IAEA GEO2006001. **Applying Isotope Techniques for assessment of water resources in Georgia** 2008-2010.
- GNSF. **Study of geodeformational processes in Georgian seismoactive region**". 2008_2010.
- GNSF. **Hydrodynamical Digital Model of Tbilisi Thermal Region and Regularities of Thermal Field Distribution**. Manager - 2008-2009.
- International Bureau of the federal Ministry of education and Research (Germany); **Geodynamic impact on groundwater reservoirs in Georgia**. Geophysicist – 2009-2010;
- IAIE Project GEO2006001 - **Using nuclear technology for environmental safety and sustainable development of water resources in Borjomi region (Southern Georgia)** 2007-2009.

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; Managing Filed trips, workshops, making presentations at international workshops and conferences, making contacts with foreign colleagues, Improving the skills permanently;

TECHNICAL SKILLS AND COMPETENCES
With computers, specific kinds of equipment, machinery, etc

MS Windows, MS Office, Adobe PhotoShop, GIS and some professional Geophysical programs
 working with different geophysical equipment

ARTISTIC SKILLS AND COMPETENCES
Music, writing, design, etc.

LOVE POETRY, WRITING, TRAVELING AND NATURE

DRIVING LICENCE(S)
ADDITIONAL INFORMATION

B CATEGORY
MEMBER OF GEORGIAN GEOTHERMAL ASSOCIATION, DAAD (GERMAN ACADEMIC EXCHANGE SERVICE) , 01.07- 01.09., 2007

List of papers

1. **Conference paper: Investigation Alazani-lori catchment using stable isotopes**
[George Melikadze](#), [Zhukova N](#), [Vepkhvadze S](#), [Todadze M](#), Kapanadze N, [Chankvetadze A](#), [Chitanaca R](#)
2. **Article: Evaluation of recharge origin of groundwater in the Alazani-lori basins, using hydrochemical and isotope approaches**
[George Melikadze](#), [Natalia Zhukova](#), [Mariam Todadze](#), [Sophio Vepkhvadze](#), Nino Kapanadze, [Alexandre Chankvetadze](#), [Tamar Jimsheladze](#), [Tomas Vitvar](#)
3. **Article: Preliminary result of stable isotopes monitoring in the Alazani-lori catchment**
[George Melikadze](#), [Natalia Zhukova](#), [Mariam Todadze](#), [Sopio Vepkhvadze](#), Nino Kapanadze, [Alexandre Chankvetadze](#), [Tamar Jimsheladze](#), [Ramaz Chitanava](#)
4. **Conference Paper: STUDY INTERACTION BETWEEN SEISMICITY AND GAS EMISSION ON THE TERRITORY OF GEORGIA**
[G Melikadze](#), [M Todadze](#), N. Kapanadze, [O Körting](#), [B Müller](#), [J Vaupotič](#), [P Andreeva](#), [Hr Kiselinov](#)
5. **Conference Paper: USING ENVIRONMENT TRACERS FOR INVESTIGATION OF BLACK SEA POLUSHION**
[G Melikadze](#), N Kapanadze, [M Todadze](#), [Z Machaidze](#), [A Chankvetadze](#), [Ch Tsabaris](#), [E Androulakaki](#), [F Pappa](#), [G Eleftheriou](#), [D Patiris](#), [M Schubert](#), [K Knoeller](#), [R Stollberg](#), [U Mallast](#)
6. **Conference Paper: RADON AND THORON LEVELS IN AIR AT SELECTED PLACES IN GEORGIA**
N Kapanadze, [M Bezek](#), [J Vaupotič](#), [G Melikadze](#)
7. **Conference Paper: EVALUATION OF WATER LEVEL OBSERVATION TECHNOLOGY ON THE TERRITORY OF GEORGIA**
[G Melikadze](#), [M Todadze](#), [G Kobzev](#), [T Jimsheladze](#), [A Sborshchikovi](#), N Kapanadze
8. **Conference Paper: EVOLUTION OF METHODOLOGY MULTI-PARAMETRICAL OBSERVATION ON THE TERRITORY OF GEORGIA**
Nino Kapanadze, [George Melikadze](#), [Zurab Machaidze](#), [Shota Kimotidze](#), [Khatuna Bedianishvili](#)
9. **Conference Paper: GEODYNAMICAL IMPACT ON THE HYDRODYNAMIC FIELD**
[George Melikadze](#), Nino Kapanadze, [Genadi Kobzev](#), [Tamar Jimsheladze](#)
10. **Conference Paper: Research workshop on Exploration and Exploitation of Groundwater and Thermal Water Systems in Georgia CREATION OF NUMERICAL MODEL OF TBILISI GEOTHERMAL DEPOSIT**
Nino Kapanadze, [Genadi Kobzev](#), [George I Melikadze](#), [Natalia Zhukova](#)
11. George Melikadze, Nino Kapanadze, Mariam Todadze; **Assessment the role of snow in hydrological cycle of the Borjomula-Gudjareti-Tskali rivers basin**; Journal of Georgian Geophysical Society, Issue A. Physics of Solid Earth, vol. 16A. 2013
12. George Melikadze, Michael Schubert, Christos Tsabaris, Nino Kapanadze, Mariam Todadze, ZurabMachaidze, Alexander Chankvetadze; „ **USING ENVIRONMENT TRACERS FOR INVESTIGATION OF SUBMARIN GROUNDWATER DISCHARGE**” -Journal of Georgian Geophysical Society, Issue A. Physics of Solid Earth, vol. 16A. 2013
13. George Melikadze, GenadiKobzev, Nino Kapanadze, Mariam Todadze; **CREATION NUMERICAL MODEL OF THE TSAISHI GEOTHERMAL REZERVIOR FOR ORGANIZATION OF GEOTHERMAL CIRCULATION SYSTEM**. Journal of Georgian Geophysical Society, Issue A. Physics of Solid Earth, vol. 16A. 2013.
14. 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.
15. G. Melikadze, G. Kobzev, N. Kapanadze, Kh. Bedineishvili **-METHODOLOGY CREATION NUMERICAL MODEL OF ALUVIAL DEPOSIT AQUIFER FOR IMPLEMENT HEAT PUMP SYSTEM OF KUTAISI INTERNATIONAL AIRPORT;** Journal of the Georgian Geophysical Society, Issue A. Physics of Solid Earth, vol 15A – 2012.
 16. JanjaVaupotič, MatejaBezек, Nino Kapanadze, George Melikadze, TeonaMakharadze, ZurabMachaidze, Mariam Todadze. **RADON AND THORON MEASUREMENTS IN WEST GEORGIA.** Journal of Georgian Geophysical Society, Issue (A), Physics of Solid Earth, v.15a, 2011-2012, pp. 108-117 – 2012.
 17. G. Melikadze, N. Kapanadze, G. Kobzev, T Jimsheladze_ **Geodynamical Impact on the Hydrodynamic Field.** BlackSeaHazNet Series, Volume 2, 164-169. 2011
 18. George Melikadze,NinoKapanadze and GenadiKobzev **Modeling of the Tbilisi (Georgia) Geothermal Deposit Under Climate Change Conditions;** **Climate Change and its Effects on Water Resources,** Issues of National and Global Security (Edit Baba, A., Tayfur, G., Gunduz, O., Howard, K.W.F., Fridel, M.J., Chambel, A.), 2011, NATO Science Series. Springer. ISBN:978-94-007-1145-7. Chapter 30, pp.277-284. – 2011.
 19. George Melikadze, GenadiKobzev, Tamar Jimsheladze, Nino Kapanadze, NadejdaDovgal. **“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. Ministry of Education and Sciences of Georgia, Georgian Academy of Sciences, Institute of Hydrogeology and Engineering Geology, Proceedings, Vol. XVII, Tbilisi. 2009.
 20. Jimsheladze T, Kapanadze N, Melikadze G._ **“Microtemperature observation in Tbilisi seismoactiv region”** Journal of Georgian Geophysical Society, №12 A. 2009.
 21. Melikadze G., Jimsheladze T., Kobzev G., Kapanadze N., Dovgal N **“Seismohydrodynamic observations on the territory of Georgia”** 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.
 22. T. Jimsheladze , M. Todadze, N. Kapanadze, G. Melikadze, V. Glonti, **“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
 23. 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.
 24. N. Kapanadze, G. Melikadze, G. Kobzev. **Creation of Numerical Model of Tbilisi (georgia)Thermal Water deposit Under Current Climate Chenge Conditions.** NATO ARW, Climate Change and its Effect on Water Resources-Issues of national and Global Security, Izmir, Turkey. 2010.