

Program Title: Master Programme in Environmental Protection Management

Qualification Granted: Master of Environmental Protection Management

Program Volume in Credits: 120 Credits

Teaching Language: Georgian

Level of higher academic education: Master's degree

Type of educational program: Academic

Academic leaders of the program: Kakha Artsivadze, Maia Zavrashvili, Nana Macharashvili

Program Description:

GIPA's Master's Program in Environmental Management and Policy, created in 2016 within a project funded by the German Society for International Cooperation (GIZ), is a collaborative effort involving GIPA – Institute of Public Affairs of Georgia, the Ministry of Environment Protection and Agriculture, and LEPL – Environmental Information and Education Center. It aims to deepen knowledge and develop relevant skills in environmental governance, policy, and related issues across various branches of environmental protection, as well as in environment and natural resources management. The program is tailored for public officials engaged in addressing environmental challenges at both strategic and operational levels, as well as for individuals already employed in or interested in the field. The master's education curriculum covers the environmental priorities of the European Union, aligning with efforts to strengthen state policy determination and enforcement control mechanisms in environmental protection. It aims to support sustainable development in the country, facilitating the transition to a green economy and climate change adaptation, as outlined in the Association Agreement between the European Union and Georgia. Moreover, it seeks to fulfill obligations arising from the UN Sustainable Development Goals and other international agreements, in light of Georgia's EU membership candidate status.

Program Objectives:

The master's program is designed to equip students with the following competencies:

1. In-depth knowledge of the basic concepts, theories, methods, approaches, and international standards of environmental protection management. This encompasses the incorporation of best management practices from managerial, legal, economic, and public/private institutions, both governmental and non-governmental.
2. Systematic understanding of environmental management systems and democratic governance, encompassing key principles and concepts of environmental protection. This includes familiarity with environmental management tools, environmental protection and conservation strategies, green and circular economy initiatives, and low-emission, climate-friendly development. Students should gain the ability to make decisions at both strategic and operational levels, informed by sustainable development goals, risk factors, and available resources (informational, human, material, financial, etc.).
3. Proficiency in managing and preparing relevant policy documents within the realm of environmental protection management, utilizing environmental management tools and various analytical frameworks to address public issues. This includes competence in implementing, monitoring, and evaluating these policies and mechanisms.
4. Competence in planning, executing, and presenting research findings using qualitative and quantitative research methods and tools relevant to environmental protection management. All research activities must adhere to principles of academic honesty and ethics.
5. The capability to make decisions and assume appropriate responsibilities independently and within team settings, at both strategic and operational levels, while adhering to professional, ethical, and legal standards within the field of environmental protection management.

Program prerequisites:

Enrollment in the Environmental Protection Management Program is open to individuals holding a bachelor's degree or its equivalent in fields such as public administration, social and behavioral sciences, education, business administration, management, law, exact and natural sciences, or medicine, who seek to enhance their understanding of environmental management. The following are the necessary prerequisites for enrollment in the master's program:

- 1) **Bachelor's degree or equivalent in the mentioned field.**
- 2) **Passing the threshold of general master's exams.**
- 3) **Knowledge of the English language at the B2 level:** a master's degree candidate is required to know the English language at the B2 level, which must be confirmed by an internal university exam or by an international certificate confirming knowledge of the English language (TOEFL (P/B 513 score; I/BT 87 score); IELTS (5.5 band score); FCE; PTE (general level 3); Michigan ECCE. A master's degree candidate is exempt from submitting an English language test or relevant certificate if they have completed a master's or bachelor's program in English, either in Georgia or abroad.
- 4) **Interview with the admission committee:** the purpose of which is to evaluate the knowledge of the applicant in the field of public administration and to determine the compatibility of the applicant's skills with the master's program.

The list of sectoral issues, together with the English language test sample, can be accessed on the university's website.

It is possible to enroll in the program without passing the common master's exams - "On the approval of the procedure for submission and review of documents by entrants/master's degree candidates/students with the right to study in a higher educational institution without passing the unified national exams/common master's exams" of the Minister of Education and Science of Georgia, December 19, 2011 for candidates for master's degree defined in Article 2, Clause 2 of Order No. 224/N.

Learning Outcomes of the Program:

Graduate of the Environmental Protection Management Program:

Knowledge and Understanding:

1. Provides an in-depth description of the environmental protection management system and democratic governance, including key principles and concepts of environmental protection, environmental management tools, environmental protection and conservation, green and circular economy, low-emission and climate-friendly development trends. Recognizes appropriate management standards, best practices, and their economic, legal, and managerial aspects. Identifies the main characteristics of environmental management tools, their significance, and the extent of their influence.
2. Determines the specifics of managing natural resource use and replenishment, waste regulation/recycling, as well as the management of chemical, nuclear, biological, and radiation waste. Recognizes renewable energy and alternative energy sources management, biodiversity protection and conservation, greenhouse gas emissions reduction management, and relevant plans and events based on international best practices.

Skills:

3. Develops relevant environmental protection strategies, plans, programs, and projects. Offers recommendations for reducing and eliminating environmental problems/risks and employs principles of public policy analysis in the formulation of policy documents. Utilizes human, financial, informational, technological, and material-technical resources effectively based on principles.
4. Utilizes environmental management tools such as EIA, GIS, environmental audit and monitoring, among others, to identify, monitor, and evaluate existing challenges and anticipated threats/risks in environmental protection and natural resource use. Aligns management decisions with the goals of sustainable development and risk factors at local and global levels. Takes into account the management and administration specifics of public/private institutions, governmental, and non-governmental organizations in each environmental protection management direction.
5. Systematically processes and critically analyzes modern and complex professional/academic scientific approaches and information using qualitative and quantitative research methods. Independently gathers empirical research data and develops research papers addressing problematic issues relevant to

environmental protection management. Demonstrates academic integrity and ethical compliance in presenting research results both in written and oral form to the academic and professional community.

6. Adheres to environmental education and awareness standards. Communicates and presents reasoned, evidence-based findings, and analytical documentation, including reports, to relevant professional communities, stakeholders, and the general public.

Responsibility and Autonomy:

7. Guided by ethical norms, principles of environmental protection, UN sustainable development goals, and international/local legal regulations and standards, it manages complex problems in the environmental protection management system and democratic governance. Applies ethical standards in decision-making processes.

8. Independently evaluates and identifies the professional development needs and continuous career growth opportunities for oneself and team members in relevant areas of environmental protection management, considering strategic approaches.

Methods of Teaching/Learning

The teaching-learning methods of the Environmental Protection Management Program contribute to achieving the learning outcomes of the educational program, assimilating specific material, and developing particular skills and responsibilities. They are also aligned with the relevant evaluation approaches and criteria approved by the order of the Minister of Education and Science of Georgia dated January 5, 2007 No. 3, "On the rules for calculating credits for higher education programs," provided that there is a commitment to thorough feedback to students by academic and invited staff. The teaching-learning methods presented within the Environmental Management and Policy Master's Program are rooted in best practices and the experience of developing competencies related to environmental protection management. They are implemented through the following common methods: Induction, Deduction, Analysis, Verbal Method, Demonstration Method, Presentation, Practical Work, Group Work, Project-Based Study, Problem-Based Study, Learning by Doing, Case Study, Simulation Study, Discussions/Debates, e-learning, and others.

Field of Employment:

Graduates of the Environmental Protection Management Program will be able to find employment and apply the knowledge and skills they have acquired in a variety of contexts. These include state structures, encompassing both local and central government bodies, as well as within the non-governmental sector. The program offers comprehensive theoretical understanding and hands-on experience, empowering graduates to undertake research or participate in practical endeavors across diverse domains of environmental management. They can pursue roles as analysts, managers, and leading specialists.

The Opportunity to Continue Studying:

A graduate of the Environmental Protection Management Program has the privilege to further their education in higher educational institutions in Georgia or abroad, specifically in the field of environmental protection within doctoral programs. These programs are tailored to nurture the next generation of researchers.

Human Resources Necessary for Program Implementation:

The implementation of the Environmental Protection Management Program is facilitated by adequate human resources. Both compulsory and optional subjects outlined in the educational program are taught by the university's academic staff, supplemented by invited specialists possessing relevant experience and expertise in environmental protection management. These specialists bring practical insights and competencies to the program. For further details on human resources, please refer to Annex N3.

Material Resources Necessary for Program Implementation:

University infrastructure and material-technical resources, available to students without restrictions, are utilized towards achieving the learning outcomes outlined by the environmental management and policy master's program. This includes: Training auditoriums and conference halls equipped with appropriate facilities; A library furnished with computer equipment and information and communication technologies; Computer labs featuring internet-connected equipment and requisite software for the teaching-learning process; Various technical devices, among other resources.

The educational program is supported by relevant textbooks and methodological literature. The university library offers students access to pertinent printed and electronic textbooks aligned with the syllabi of study courses, teaching-methodical and scientific literature, as well as the library's book fund database, international electronic databases accessible beyond the university, and the electronic catalog accessible through the university's website.

M.A.Program Curricula in the Environmental Protection Management

№	Course Code	Prerequisites	Courses	ECTS Credits/Hours				Student workload	
				I year		II year		Contact hours	Independent hours
				semester					
				I	II	III	IV		
				24	36	30	30		
Obligatory courses									
	ENV101	N/A	Environmental management system and public law	5/125				36	89
	ENV102	N/A	Environmental policy and International Ecological Law	5/125				30	95
	ENV103	N/A	Living Environment, Ecology and Environmental Challenges	5/125				45	80
	ENV104	N/A	Environmental Economics and Economic Evaluation Methods	5/125				30	95
	ENV105	N/A	Academic Writing	4/100				26	74
	ENV201	ENV104	Green and Circular Economy		5/125			30	95
	ENV202	ENV102, ENV103	Low-emission and climate-friendly development: Global climate change and politics		5/125			30	95
	ENV203	ENV105	Quantitative and Qualitative Research Methods		6/150			45	105
	ENV204	ENV103	Biodiversity management and conservation		5/125			39	86
	ENV205	ENV101, ENV102, ENV104	Environmental Management tools: EIA, SEA, RIA		10/125			42	208
	ENV301	ENV101, ENV102, ENV103, ENV104, ENV105	Project management and effective communication in Environmental Management			5/125		34	91
	ENV302	ENV205	Environmental Audit and Monitoring			5/125		30	95
	ENV303	ENV101, ENV102	Strategic Management – Policy Planning, Coordination and Performance Management			10/250		36	214
	ENV304	ENV205	GIS and Spatial Planning Management			5/125		30	95

	ENV401	ENV105; ENV203	Master Thesis Design				5/1 25	30	95
	ENV402	Completion of compulsory courses of I-III semesters	Master Thesis				25/ 625	40	585
			Elective courses		5	5		-	
	ENV501	ENV101, ENV102, ENV103, ENV104, ENV105	Waste Management		5/125	5/125		30	95
	ENV502	ENV101, ENV102, ENV103, ENV104, ENV105	Forest Management		5/125	5/125		30	95
	ENV503	ENV101, ENV102, ENV103, ENV104, ENV105	Sustainable Energy Policy Management		5/125	5/125		30	95
	ENV504	ENV101, ENV102, ENV103, ENV104, ENV105	Water Resource Management		5/125	5/125		30	95
	ENV505	ENV101, ENV102, ENV103, ENV104, ENV105	Atmospheric air Protection		5/125	5/125		30	95
	ENV506	ENV101, ENV102, ENV103, ENV104, ENV105	Rural Development and Management		5/125	5/125		28	97

Table # 1: Mapping the Course Objectives and Program Learning Outcomes for the Environmental Protection Management M.A. Program

პროგრამის მიზნები					
	Objective 1	Objective 2	Objective 3	Objective 4	Objective 5
Knowledge and Understanding					
Outcome 1					
Outcome 2					
Skills					
Outcome 3					
Outcome 4					
Outcome 5					
Outcome 6					
Responsibility and Autonomy					
Outcome 7					
Outcome 8					

Table # 3: Mapping the Program Learning Outcomes for the Environmental Protection Management M.A. Program

This map illustrates learning outcomes concerning compulsory subjects, which are further categorized into three (3) levels: a) I (Introduction) – introductory level, b) D (Development of knowledge) – deepening of knowledge, and c) M (Mastering) – strengthening of knowledge. Additionally, the program incorporates a practical component – P (Practical application of knowledge/research). Training courses may also occur at the development and practice (DP) or advanced and practice (AP) level.

Teaching Component		Knowledge and Understanding			Skills			Responsibility and Autonomy	
		1	2	3	4	5	6	9	10
Mandatory Courses									
1.	Environmental Management System and Public law	I	I		I				
2.	Environmental Policy and International Ecological Law	I	I		I				
3.	Living Environment, Ecology and Environmental Challenges	I	I		I			I	I
4.	Environmental Economics and Economic Evaluation Methods	I	I	I			I	I	I
5.	Academic Writing					I		D	
6.	Green and Circular Economy	D	D						
7.	Low-emission and Climate-friendly Development: Global climate change and politics	D	D		D		D		
8.	Quantitative and Qualitative Research Methods					D		D	
9.	Biodiversity Management and Conservation	D	D	D	D		D	D	
10.	Environmental Management Tools: EIA, SEA, RIA	D	D	DP	DP		D	D	
11.	Project Management and Effective Communication in Environmental Management			DP	DP		D	D	D
12.	GIS and Spatial Planning Management	D			DP			DP	DP
13.	Strategic Management – Policy Planning, Coordination and Performance Management			MP	MP			DP	MP
14.	Environmental Audit and Monitoring			MP	MP			DP	MP
15.	Master Thesis Design	MP	MP			MP	MP	MP	
16.	Master Thesis	M	M			M	M	M	

Appendix #2 – Personal Documentation about the heads of the programme

(CURRICULUM VITAE)

Kakha Artsivadze

Cell Phone: (+995) 599 55 92 95

e-mail address: k.artsivadze@gipa.ge

EDUCATION:

Institution [Date from – Date to]	Degree(s) or Diploma(s) obtained:
1984-1989	Iv. Javakhishvili Tbilisi State University – Faculty of Biology Graduated with Honors Diploma
1989-1993	Post Graduated Program in biophysics. Iv. Javakhishvili Tbilisi State University, Faculty of Biology Tbilisi, Georgia, Degree obtained Ph.D.
1995-1999	Iv. Javakhishvili Tbilisi State University, Faculty of Law Tbilisi, Georgia (Field of Jurisprudence, Qualification of Lawyer)

CURRENT POSITIONS:

2000-present - Emerald Network Development Board Member and Program Coordinator, Centre for Biodiversity Conservation and Research NACRES

2017-present - Georgian Institute of Public Affairs (GIPA). Professor and head of the Master's Program

PUBLICATIONS

1. Kakha Artsivadze, Nino Malashkhia, Inga Nikagosian. Climate Change: Challenges and Responses. Facts and Numbers for Media. Tbilisi. 2022.
2. Kakha Artsivadze. Evaluation of Pastureland Management Practices in Protected Areas. 2022.
3. Artsivadze. K. Kolbaia, A. Gogibedashvili S. Mapping of Selected Freshwater Habitats on the Emerald Sites of Western Georgia. MEPA. NACRES. 2021.
4. 4. Anja Salzer, International Expert (Editor) Ana Rukhadze, Kakha Artsivadze. Pasture Management In Georgia. Situation Analysis and Main Challenges Recommendations for Development of Pastures Sustainable Management Programme. Background Study. The Regional Environmental Centre for the Caucasus (REC Caucasus). 2020.
5. S. Gogibedashvili. K. Artsivadze. S. Kolbaia. Carbon Sequestration Potential of the Natural Forest Regrowth in Georgia. The project Integration of sustainable forest management practices in Georgia by provision and analysis of key data using remote sensing technologies, with the support of the Global Forest Watch, Global Forest Institute, UNEP, GEF, NACRES. 2020.
6. Emerald Network Questions and Answers. S. Nozadze; K. Artsivadze; I Shavgulidze. 2020. 'Integrated Biodiversity Management in South Caucasus' (IBiS) programme implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ). 2020.
7. Georgia's report on the Emerald Network of Areas of Special Conservation Interest according to Resolution No. 8 of the Standing Committee on the Conservation of European Wildlife and Natural Habitats. Report. NACRES. MEPA (2020).
8. Terrestrial and freshwater habitats of Georgia (Habitat interpretation manual in accordance with the EUNIS classification system). G. Nakhutsrisvili, K. Batsatskhvili, O. Abdaladze, K. Artsivadze. 2018.
9. Kakha Artsivadze. Rural Development Strategy of Georgia 2017-2020. Chapter 1.5. Protected Areas, Biodiversity and the Environmental Protection and

Sustainable Management of Natural Resources, Solid Waste Management, Climate Change (2017).

10. K. Artsivadze. Preparation of Capacity development Plan for Improved Monitoring and Reporting of UN Convention on Biological Diversity. UNDP. Project ““Harmonization of information management for improved knowledge and monitoring of the global environment in Georgia”. Georgia. Tbilisi. 2017.
11. K. Artsivadze Assessment of the Recreational Potential of Georgian Forests. The study was prepared by the Sustainable Forest Governance in Georgia project, with the financial support of CENN and Austrian Development Cooperation.
12. K. Artsivadze. Assessment of national needs for monitoring climate change related trends. UNDP. Georgia. Tbilisi. 2016.
13. K. Artsivadze. Roles and responsibilities of relevant national agencies to integrate obligations of three Rio conventions for improved knowledge and monitoring of the global environment in Georgia. Project ““Harmonization of information management for improved knowledge and monitoring of the global environment in Georgia”. Georgia. Tbilisi. 2016.
14. K. Artsivadze. Implementation of the Framework Convention on Climate Change in Georgia Institutional mapping & Assessment of capacity needs for monitoring and reporting. Green Alternative, 2016. The research was made under Green Alternative’s project “Promotion of implementation of the UN three conventions: Institutional mapping and assessment of capacity needs for monitoring and reporting under three Rio conventions”. The project was implemented with the financial assistance of the United Nations Development Programme (UNDP), and within the framework of the UNDP’s project “Enhancing Environmental Monitoring and Reporting in Georgia”.
15. Shatberashvili, N.; Rucevska, I.; Jørstad, H.; Artsivadze, K.; Mehdiyev, B.; Aliyev, M.; Fayvush, G.; Dzeladze, M.; Jurek, M.; Kirkfeldt, T. & Semernya, L. (2015). Outlook on climate change adaptation in the South Caucasus mountains. Outlook on climate change adaptation in the South Caucasus Mountains. United Nations Environment Programme, GRID-Arendal and Sustainable Caucasus. Nairobi, Arendal and Tbilisi.
16. K. Artsivadze., I. Shavgulidze. Development Emerald Network in Georgia. Centre for Biodiversity Conservation and Research – NACRES Tbilisi. The Joint Programme between the European Union and the Council of Europe for the Preparation of the Emerald Network of Nature Protection Sites. 2014.
17. K. Artsivadze; Irakli Macharashvili; Irakli Shavgulidze; Giorgi Gorgadze; Bejan Lortkipanidze. National Biodiversity Strategy and Action Plan of Georgia 2014 – 2020 (NBSAP). Situation analysis to National Biodiversity Strategy and Action Plan – NBSAP. Thematic Direction: “Biodiversity and Climate Change Issues”. 2013.
18. I. Shavgulidze, K. Artsivadze. Use of Pastures in the Traditional Use Zone of Vashlovani National Park: Legal and Institutional Aspects. Project “Sustainable Management of Pastures in Georgia to Demonstrate Climate Change Mitigation and Adaptation Benefits and Dividends for Local Communities” (UNDP/EU). 2013.
19. K. Artsivadze Climate Change and Sustainable use of Agro-biodiversity. Educational Programme Training modules. REC-Caucasus, BMZ GIZ. 2013.

RESEARCH PROJECTS/ RESEARCH DEVELOPMENT INSTITUTIONAL PROJECTS AND GRANTS

1. Failure to address the risks of forest fires in Georgia 2021-2023. The project is funded by the International Program of the U.S. Forest Service
2. 2023 Development of forest management guidelines for the sites of the Emerald Network of Georgia.
The project is funded by the World Bank and the European Union Programme – EU4Environment Programme
3. Preparation of a scheme for regional distribution, inventory and management of mowing/pastures in Georgia 2023 (preparation, classification and preparation of regional distribution schemes for standard descriptions of vegetation). The study was funded and

commissioned by the Caucasus Regional Center (REC Caucasus) and the USDA of the United States Department of Agriculture.

4. Development of a document dedicating environmental impact assessment (EIA) in the field of hydropower. The report was prepared within the framework of the Ministry of Environment and Natural Resources and the United Nations Environment Programme (UNEP).

5. 2022 Environmental legislation in the field of biodiversity and illegal wildlife trade: training for judges and staff of the Prosecutor's Office.

A series of trainings were commissioned by Fauna and Flora International (FFI).

6. Monitoring of 2021–2023 indicator species in selected protected areas of Georgia.

The project was funded by the Caucasus Nature Fund (CNF) and the Global Environment Fund GEF

7. Development of the 2019–2021 Borjomi-Kharagauli National Park Pasture Management Plan. The project was funded by the Caucasus Nature Foundation (CNF)

8. Develop the Fourth National Notification of Georgia and the Second Annual Updated Report on the Framework Convention on Climate Change in 2019–2020. The programme is funded by the United Nations Environment Programme (UNENVIRONMENT) and the United Nations Environment Programme (UNDP)

9. Preparation of the 2018–2019 Pasture Management Plan for Tusheti Protected Areas. The project is funded by the German Society for International Cooperation (Deutsche Gesellschaft für Internationale Zusammenarbeit – GIZ)

10. Preparation of the sixth National Report of Georgia to the 2019 Convention on Biological Diversity (CBD). Component habitats. Component Climate Change Impact on Biodiversity. The programme is funded by the United Nations Environment Programme (UN Environment) and the LEPL Center for Environmental Information and Education

11. Assessment of the potential of the 2018–2019 deforestation potential and carbon accumulation on the mountainous pastures of the Truso Valley. The project was financially supported by Global Forest Watch and GEF

12. Supporting the implementation of the EU directives related to biodiversity in Georgia – Development of the Zurmukhsti network. The project was funded by the German Society for International Cooperation (Deutsche Gesellschaft für Internationale Zusammenarbeit – GIZ)

13. 2014–2018 Monitoring of vegetation and assessment of pasture conditions in Tusheti protected areas. The project was funded by the German Society for International Cooperation (Deutsche Gesellschaft für Internationale Zusammenarbeit – GIZ) within the framework of the program "Integrated Erosion Management in the mountainous regions of the South Caucasus"

14. Evangelizing 2017–2018 sustainable forest management practices in Georgia through the use of key data analysis and remote sensing technologies. Identification and deterioration of forest habitats of Georgia according to the EUNIS' Habitat Classification System.

The project was financially supported under the joint program of the World Resources Institute and GEF

15. Supporting the implementation of the EU Directives related to Biodiversity in Georgia – Adapting the EUNIS Habitat Classification System for Georgia and Identification and Daruking of Habitats Protected by the Emerald Network.

The project was funded by the German Society for International Cooperation (Deutsche Gesellschaft für Internationale Zusammenarbeit – GIZ)

16. Development of 2017–2018 Borjomi-Kharagauli National Park Pasture Management Plan. The project was funded by the Caucasus Nature Foundation (CNF)

17. Preparation of the 2016–2018 Rural Development Strategy of Georgia. The project was funded by the United Nations Development Programme (UNDP)

18. 2016–2018 Promoting the Implementation of the Three UN Conventions: Assessing Institutional Arrangement and Reporting Capabilities" Climate Change and Biodiversity Component. The project was funded by the United Nations Development Programme (UNDP)

19. Establishment of the Emerald Network – Areas of Special Conservation Interest – ASCI in Georgia. EU and Council of Europe joint programme "Support for the implementation of the Convention on biological diversity programme of work on protected areas in the EU Neighbourhood policy East area and Russia: extension of the implementation of the EU's NATURA 2000 principles through the Emerald Network"

20. Assessment of the pasture status of Vashlovani Protected Areas 2014-2015 and preparation of a management plan. The project is implemented with the financial support of the European Union and the United Nations Development Programme UNDP "Sustainable Pasture Management in Georgia to demonstrate the benefits and dividends of climate change mitigation and adaptation for local communities"

21. 2013-2014 – Sustainable management of pastures in Lagodekhi Protected Areas. The project was implemented with the support of the United States International Development Agency (USAID) and the Euroquashire Twinning Program.

22. NBSAP Development of the 2012-2013 National Biodiversity Strategy and Action Plan. Thematic Direction: The "Biodiversity and Climate Change" project was funded by the German Society for International Cooperation (Deutsche Gesellschaft für Internationale Zusammenarbeit – GIZ) within the program "Sustainable Governance of Biodiversity in the South Caucasus"

23. 2012-2013 Assessment of the condition of pastures adjacent to Chhatti and Chachuna Managed Reserve. The project is implemented with the financial support of the European Union and the United Nations Development Programme UNDP "Sustainable Pasture Management in Georgia to demonstrate the benefits and dividends of climate change mitigation and adaptation for local communities"

24. Establishment of the 2009-2011 Emerald Network" – Areas of Special Conservation Interest – ASCI in Georgia. The project was funded with joint support from the European Union and the Council of Europe.

(CURRICULUM VITAE)

Maia Zavrashvili

Cell Phone: (+995) 591 222 227

e-mail address: m.zavrashvili@gipa.ge

EDUCATION:

Qualifications	<ul style="list-style-type: none">• PhD Student, Ivane Javakhishvili Tbilisi State University – present• Master of Law, Ivane Javakhishvili Tbilisi State University, 2009• Bachelor in Law, Ivane Javakhishvili Tbilisi State University, 2007• UNESCO-IHE Water Institute, DELFT, Netherlands Master's Program Certified Course 2014
----------------	---

CURRENT POSITIONS:

Since 2020 – Colliers Georgia Mining and Minerals, Founding Partner, CEO

Since 2020 – Adam Smith International LLC, Legal Advisor

Since 2017 – Head / Assistant of the Master's Program in Environmental Management and Policy, Georgian Institute of Public Affairs (GIPA)

PUBLICATIONS

1. "Certification Guide for Applicants for Employment in the Position of Officers in Public Service", Co-Author, Tbilisi, 2017

(CURRICULUM VITAE)

Nana (Nani) Macharashvili

Cell Phone: (+995) 593 488 211

e-mail address: nana.macharashvili@gipa.ge

EDUCATION:

Institution (Date from – Date to)	Degree(s) or Diploma(s) obtained:
-----------------------------------	-----------------------------------

Ivane Javakhishvili Tbilisi State University 2003-2007	Ph.D. in Political Science (Diploma of a candidate of Sciences in Political Science # 005555)
University of Manchester / Moscow School of Social and Economic Sciences 2002-2003	M.A. in Political Science (Master of Arts in Political Science)
Ivane Javakhishvili Tbilisi State University 1999-2001	M.A. in Political Science (Master's Diploma # 01003)
Ivane Javakhishvili Tbilisi State University 1995-1999	B.A. in Political Science (Bachelor's Diploma # 00875)

CURRENT POSITIONS:

- 2018 – present** Professor, Head of the M.A. and Ph.D programmes in Public Administration, Director of Research Department, Georgian Institute of Public Affairs (GIPA) – Affiliated University
- 2019 – present** Accreditation Expert – Public Policy/Administration and Political Science, LEPL National Center for Educational Quality Enhancement, Ministry of Education, Science, and Youth of Georgia.
- 2022-present** Manager of the Journal – The NISPACEE Journal of Public Administration and Policy, Partnership between GIPA and NISPACEE

PUBLICATIONS

1. Macharashvili, N., Gorgodze, A., Kipiani, K., (2024), U21 and Sustainable Development Goals (SDGs), Research Report, Research Project funded by UEFA Academy.
2. Tabeshadze, M., Kenneth Nordberg, K., Lindh, M., Chutlashvili, A, & Macharashvili N., (2023), POLICY RECOMMENDATIONS FOR INCREASING MEANINGFUL PARTICIPATION OF YOUTH IN GEORGIAN DECISION-MAKING (BASED ON SWEDISH AND FINNISH PRACTICES), GIPA, UNDP.
3. Macharashvili, N., Tsukhishvili, N. (2022), Whistleblower Practice in Civil Service of Georgia, Civil Service Hub (on Georgian Language).
4. Study on Technical Professions in Civil Service of Georgia, Research report presented by ACT for the German Agency for International Cooperation (GIZ), October, 2022, Tbilisi, Georgia, THE STUDY REPORT (on Georgian and English languages).
5. Macharashvili, N., Sanikidze, T., Beridze, E., Begoidze, M., Chalauri, N., (2020), Political Independence of Civil Servants and the Role of Senior Civil Servants. Tbilisi: GIPA with the support of UNDP Georgia. Summary report.
6. Macharashvili, N., Sanikidze, T., Beridze, E., Begoidze, M., Chalauri, N., (2020), Political Independence of Civil Servants and the Role of Senior Civil Servants. Full Publication. Tbilisi: GIPA with the support of UNDP Georgia.
7. Dzebisashvili, Sh., Macharashvili, N., (2020), Startegic Planning Handbook in Security and Defence Fields, Tbilisi: NATO Liaison Office (NLO), Professional Development Program.
8. Véronique Dudouet, Alia Eshaq, Ekaterine Basilaia & Nana Macharashvili, (2018), From policy to action: assessing the European Union's approach to inclusive mediation and dialogue support in Georgia and Yemen, Peacebuilding, Taylor & Trancis , DOI: 10.1080/21647259.2018.1491279 (HORIZON2020)
9. Nana Macharashvili, Ekaterine Basilaia, Nikoloz Samkharade (2017), Assessing the EU's conflict prevention and peacebuilding interventions in Georgia, WOSCAP case-study report. <https://www.woscap.eu/publications1/index.html> (HORIZON2020)
10. Ekaterine Basilaia & Nana Macharashvili, (2017), Gender in Disaster Risk Reduction, "Supporting community resilience in the South Caucasus" funded by the European Commission under its Civil Protection and Humanitarian Aid programme and executed by OXFAM GB (on georgian language). http://www.bridge.org.ge/uploads/files/docs/1894Geo_Gender_in_210x297_PRINT.pdf
11. Lia Tsuladze, Nana Macharashvili & Ketevan Pachulia (2017), SOS Tbilisi, Problems of Post-Communism. DOI: 10.1080/10758216.2017.1308228
12. Macharashvili, N., Basilaia, E, Tangiashvili, N. (2015) Policy Advocacy Success in Georgia: The Role and Limitations of NGOs in Influencing Public Policy, Tbilisi

(manuscript on Georgian and English Languages).
file:///C:/Users/User/Downloads/Macharashvili_2015_Policy%20Advocacy%20Success%20in%20Georgia_eng.pdf

13. N.Macharashvili, N.Vasadze, (2013) Book review for Ricketts, A. (2012) The Activists' Handbook: A Step-by-Step Guide to Participative Democracy, Zed BooksL London, NY, in Community Development Journal (2013) 48 (4): 648-651. Macharashvili N. (2011) Windows of Opportunity for governmental and non-governmental organization partnership in Georgia. Annual Publication. Center of Training and Consultancy. 2010
14. Macharashvili N. (2010) Public Sector Reforming in Georgia: Consumer oriented models VS citizen engagement. Annual Publication. Center of Training and Consultancy. 2009.
15. Macharashvili N. (ed.). (2009) Textbook Materials in Public Policy and Policymaking. Institute of Political Science.
16. Macharashvili N (2008), The Prospects for The New Public Management Model in contemporary Georgia. Tbilisi: Georgian Political Science Quarterly. Institute of Political Science.
17. Macharashvili, N. (2007), National Reconciliation as the toll for Peace building and Reaching National Consensus in the Post conflict Society, Tbilisi: Institute of Political Science.
18. Macharashvili, N. (2007), Politics and Society, Political Forum – 10 questions about the Development of Georgian Society, 2006, Tbilisi: Caucasus Institute of Peace, Democracy and Development.
19. Macharashvili, (2007), Georgia Following International Experience of National Reconciliation by Rejecting the Retributive Model? The CA&CC Press® AB /Central Asia & Central Caucasus Press AB/, THE Caucasus & Globalization, Journal of Social, Political and Economic Studies, Vol. 1 (4).
20. Macharashvili N., (2007), Political Forum: 15 years of Independence. Politics and Society, Caucasus institute for Peace, Democracy and Development, Tbilisi. http://www.cipdd.org/files/7_284_473910_Politfor.pdf
21. Нани МАЧАРАШВИЛИ, ОТКАЗ ОТ "КАРАТЕЛЬНОЙ" МОДЕЛИ ВОССТАНОВЛЕНИЯ СПРАВЕДЛИВОСТИ: ИДЕТ ЛИ ГРУЗИЯ ПО ПУТИ МЕЖДУНАРОДНОГО ОПЫТА НАЦИОНАЛЬНОГО ПРИМИРЕНИЯ? КАВКАЗ&ГЛОБАЛИЗАЦИЯ, Журнал социально-политических и экономических исследований, Том 1 (4), 2007 г.
22. Macharashvili N., (2006) Policy Analysis, Textbook for Advanced Master Course in Policy Analysis, Center for Social Science. Tbilisi.
23. Macharashvili N., (2005), "International Experience of National Reconciliation: Which Model Will Georgia Choose?", Tselitsdeuli - Year-Book of the Institute of Political Sciences of Academy of Georgia.
24. Macharashvili N., (2004), „Spanish Experience of National Reconciliation Process”. Politica, Vol..5-6.
25. Macharashvili N., (2001), „International Experience of National Reconciliation Process and Georgia”. Political Technologies, Vol.1.
26. Macharashvili N., (2000), „Human Rights Defending in Georgia”, Book chapter, POLITOLOGIA. Course Material Collection. Tbilisi.
27. Macharashvili N., (1998), Compromise as the phenomena of Political Culture, Collection of Students' resarch papers dedicated to the cultural history and theory issues, Tbilisi.

RESEARCH PROJECTS/ RESEARCH DEVELOPMENT INSTITUTIONAL PROJECTS AND GRANTS

2022-2026 – project leader at GIPA – EU - the national structural reform project ‘Responsible Conduct of Research – Research Integrity and Ethics in Georgian Universities (ETHICS)’ – Georgia National Project ERASMUS-EDU-2022-CBHE-STRAND-3 (2022-2026)

2022-2025 - The NISPACE – partnership with the NISPACE – The Network of Institutes and Schools of Public Administration in Central and Eastern Europe Journal of Public Administration and Policy

2022 – March-December - Whistleblower Practice in Civil Service of Georgia, Civil Service Hub, Embassy of Netherlands in Georgia.

2019-2022 - project leader at GIPA – EU - “Raising Research Capacity of Georgian HEIs through Developing R&D Units”, ERASMUS+ Programme, 598207-EPP-1- 2018-1-GEEPPKA2-CBHE-SP

2019-2020 – Project Leader, senior researcher, Research Project – UNDP, Political Independence of Public Servants and the Role of Senior Public Savant, Supporting Public Administration Reform in Georgia.

2015-2017 – Researcher, project leader at TSU, HORIZON 2020 – EU Whole-of-Society Conflict Prevention and Peacebuilding (EU-WOSCAP), 653866 – WOSCAP –H2020-BES-2014-2015/H2020-BES-2014, Local Expert, Project Coordinator at Tbilisi State University.

2015-2016 – researcher, Research Beyond the Ivory Tower: Policy and Communications Training for University Teams programme, .’NUPI – Norwegian Institute of International Affairs fellowship for research – SOS Tbilisi: Does Environmental Civic Participation Enable Deliberative Democracy in Georgia?

2014-2016 – Glosarry for Public Policy and Administration under the Social Science Glossary, Center for Social Sciences, Rustaveli National Scientific Agency.

2013-2015 – local expert – V-Democracy Institute, Department of Political Science, University of Gothenburg (Sweden). <https://v-dem.net/DemoComp/en/data/analysis>.

2013-2014 – project leader, USA embassy in Tbilisi, Georgia – W.Dunn, Public Policy Analysis, USA authors book translation program.

2012-2014 – project leader and researcher, The ACADEMIC SWISS CAUCASUS NET (ASCN). Outside Policy actor’s engagement in Public policy Making.

Annex N3 – Information about human resources of the program

#	Name, Surname	Academic/Adjunct staff, academic position	Courses
1	Natia Iakobidze	Associated professor	Academic Writing
2	Davit Jandieri	professor	Environmental management system and public law
			Master Thesis Supervisor
3	Maia zavrashvili	Assistant	Environmental policy and International Ecological Law
			Master Thesis Supervisor
4	Nino Tandilashvili	Assistant professor	Environmental policy and International Ecological Law
5	Nana Macharashvili	professor	Strategic Management – Policy Planning, Coordination and Performance Management
			Master Thesis Design
			Master Thesis Supervisor
6	Ketevan Vardosanidze	Adjunct Lecturer	Green and Circular Economy
7	Kakha Artsivadze	professor	Living Environment, Ecology and Environmental Challenges
			Master Thesis Supervisor
8	Lasha Arevadze	Assistant	Environmental Economics and Economic Evaluation Methods
			Master Thesis
9	Tamar Chkhaidze	Adjunct Lecturer	Quantitative and Qualitative Research Methods
10	Khatuna Gigaure	Associated professor	Low-emission and climate-friendly development: Global climate change and politics
			Master Thesis Supervisor
11	Salome Meparishvili	Adjunct Lecturer	Environmental Management tools: EIA, SEA, RIA
12	Ekaterine Kakabadze	Assistant	Biodiversity management and conservation
			Master Thesis Supervisor
13	Zurab Gurielidze	Adjunct Lecturer	Biodiversity management and conservation
			Master Thesis Supervisor
14	Kakha Bakhtadze	Adjunct Lecturer	Project management and effective communication in Environmental Management
			Master Thesis Supervisor
15	Ia Papiashvili	Adjunct Lecturer	Project management and basics of effective communication in Environmental Management
16	Nino Gelashvili	Associated professor	Environmental Audit and Monitoring
			Waste Management
			Master Thesis Supervisor
17	Natia Iordanishvili	Assistant	Forest Management
18	Dachi Kanchaveli	Adjunct Lecturer	GIS and Spatial Planning Management
19	Murman Margvelashvili	Adjunct Lecturer	Sustainable Energy Policy Management
			Master Thesis Supervisor
20	Irakli Kobulia	Adjunct Lecturer	Water Resource Management
			Master Thesis Supervisor

21	Noe Megrelishvili	Assistant professor	Atmospheric air Protection
22	Eliso Barnovi	Adjunct Lecturer	Water Management
23	Shalva Pipia	professor	Rural Development and Management