

CURRICULUM VITAE

Dr. Archil Magalashvili

69 Barnov Street
0179, Tbilisi, Georgia
T: (+995 599) 57 20 07
E: archil.magalashvili@iliauni.edu.ge



S U M M A R Y

Geologist and engineer with sound managerial experience on working in various industrial, environmental, commercial, technical, scientific, and other projects including the projects of strategic importance. Working with international and local companies, project applicants and investors, international investment and financial institutions and donors, governmental and non-governmental organizations, local communities and mass media. Certified in Environmental, Project Management, Strategic Planning, Quality Management, Standardization and Certification, H&S and other areas. More than 12 years of lecturing experience in Ilia State and Tbilisi State Universities.

E X P E R I E N C E

10/2013 – to date

Head of Department of Geosciences and Engineering, and Associated Professor of the faculty of Natural Sciences and Engineering, Ilia State University.

- Geology of Mineral Deposits, Economic Geology, Economics of the Mining Projects, Engineering-Geology, Mineral Resources of Georgia, Physical Geology, Geology of Georgia, Hydrogeology, GIS Applications in Geology, and other;
- Lecturer of the Certification Program on the Climate Change.

09/2005 – to date

Invited lecturer. Iv. Javakhishvili Tbilisi State University.

- Geology of Mineral Deposits, Economic Geology, Georgian Mineral Resources.

06/2013 – to date (part time)

- **Consultant on Strategic and Quality Management.** Hydrogeology, Engineering-geology, Quality Management (ISO 9001, ISO 14K, ISO 22K, ISO 17K), and HSE. IDS-Borjomi Georgia Co.

12/2005 – 05/2013

Strategic Project Manager and Quality Systems Manager. IDS-Borjomi Georgia Co.

- Geological, technical, environmental and commercial project management; Quality management (QA/QC), international certification (ISO 9001, 14K, 22K etc.), standardization, processing and R&D;
- Document control, reporting, tendering, HR, GR, resources management, KPIs, and audit. Prepare of various presentations on different subject of hydrogeology, commerce, environment etc.;
- Management of quality departments and chemical and microbiological laboratories of three factories.

2001 – 2005

Technical-engineering Manager, Georgian International Oil Corporation (GIOG).

- Coordination of engineering-geological, technical and environmental aspects of Baku-Supsa Early Oil, Baku-Tbilisi-Ceyhan Main Oil Pipeline, and South Caucasus Gas Pipelines and other projects;
- Negotiations on technical, environmental, social and security aspects of the projects;
- GR, expertise, approval and permitting of the projects;
- Management of the projects (coordinating, monitoring, audit, QC/QA);
- Head of Georgian expert's missions on BTC and SCP projects. *Bechtel* and *Kvarner* offices (UK);
- Working with the World Bank, UNDP, USTDA and other International institutions and donors. Working with various expert commissions;
- Member of two bidding committees for the World Bank multimillion projects;
- Working with central and local Government, NGOs, local communities and mass media;

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- **Project coordinator:** Technical Adviser of Georgian Government, WB project, Jacobs Gibb (UK);
 - **Senior project expert:** Underground Gas Storage in Georgia. USTDA project, USA;
 - Preparation of various presentations, company promotion materials (booklets, annual reports), memorandums, reports etc.

1997 – 2000

Project Manager, Senior expert. Strategic Planning and Foreign Relations Department, GIOC.

- Working on Baku-Supsa Early and Main Oil Pipelines, Oil Refinery, Marine Terminal, Railroad Oil Rack and other projects and business proposals;
- Feasibility, ESIA and Baseline studies of the projects;
- **Project manager:** Georgia's Renewable Energy Resources. Joint project with ITOCHU Corp. (Japan);
- **Project coordinator:** Oil Pipeline Rehabilitation. Joint project with Preussag PR Gmb. (Germany);
- **Project coordinator:** Georgian Oil & Gas. Joint project with Japan National Oil Corp. – JNOC (Japan);
- **Project senior expert:** Supsa Oil Refinery. Joint project with ITOCHU Corp. (Japan);
- Headed negotiations on SoW and budget of the EU-TACIS projects (Brussels);
- Coordinated and/or participated in various delegation visits, field trips, international business exhibitions, conferences etc.

2003 – 2005

Head of Division of International Relations, Marketing and Mineral Resources Economy. Georgian State Geological Department.

- State inventory and assessment of mineral resources. Adaptation and application of international reporting standards. Drafting of Mining law and other legislative documents.

2001 – 2003

General Director. *Geo-Eng-Eco-Service Ltd.*

- Management of geological, engineering and environmental company (Project management, budgeting, banking, HR, GR, reporting etc.).

1991 – 1996

Vice-chairman, Head of Department. The Georgian State Fund of National Valuables of the Ministry of Finance (the Treasure House of Georgia).

- Reserves and resources management, processing and refining of precious metals;
- Creation and management of enterprises;
- Special missions in “KOMDRAGMET” (Russia) and Warsaw Mint (Poland);
- Drafting laws, decrees, regulations and other legislative acts on precious metals and precious stones.

1982 – 2002 (from 1992 part time)

Deputy head, Chief scientific worker. Department of Geology and Geochemistry of Mineral Resources, Al. Janelidze Institute of Geology, the Georgian Academy of Sciences.

- Study of geology and geochemistry of mineral deposits;
- Scientific research, supervising of undergraduate students;
- Participation in various scientific workshops, conferences and symposia.

SELECTED PROJECTS

09/2016 – to date

Head of the Project. Evaluation, GIS mapping and awareness of environmental risks of water heavy metal contamination by geological exploration wastes in Achara. U.S. DemCom Grant Program, U.S. Embassy.

09/2016 – to date

Geology and Geomorphology expert. EIA and Environmental monitoring of the Osiauri-Argveta section of the E-60 Highway Construction Project, the Ministry of Regional Development and Infrastructure of Georgia - RDMRDI, (financed by Asian Development Bank).

09/2016- to date

Expert and consultant. Fulfillment of engineering-geological and geomorphological requirements of the Vartsikhe hydropower cascade EIA, for “Georgian-American Alloy” Co., GAMMA Consulting Ltd.

09/2016 – 11/2016

Project manager and consultant, Project of the engineering-geology and geomorphology study of the Kizilajlo hydropower station area of the KHRAMHES 1 Co., Teragraphic Ltd.

07/2016 – 11/2016

Geology and geomorphology expert. Assessment of geological, geomorphological and hydrological phenomena for the Project of “Conservation of unique forests in Georgia through establishment of new protected areas”. WWF Georgia (financed by WWF Germany).

10/2016 – 12/2016

Geology and geomorphology expert. Project of the Bakhmaro mountain resort master plan; assessment of geological, geomorphological, hydrological and geo-hazards conditions; GAMMA Consulting Ltd.

06/2016 – 07/2016

Expert. Review and comments on: Georgian draft law “Code of Environmental Assessment”. Caucasus Environmental NGO Network (CENN).

10/2015 – 05/2016

Expert on QA/QC. Georgian 1st BUR to the UNFC on GHG Inventory Report. World Experience for Georgia (WEG).

01/2015 – 09/2015

Project Manager, Engineering-Geology, geomorphology and hydrogeology team leader, China Railway/GAMMA Consulting. EIA of the Quishkhetai-Moliti Section of the Georgian Railway Modernization Project.

07/2015 – 11/2015

Project manager, Engineering-geological team leader, Construction of 4 aerial cableways in Chiatura. Complex engineering-geology study of the construction sites. Earth Sciences Institute, Ilia State University.

02/2015 – 03/2015

Country expert – geology and geomorphology. Assessment of the feasibility of a World Heritage nomination of the Central Greater Caucasus cluster in the frame of the project: Enhancing the Landscape and Ecological Integrity of the Greater Caucasus Corridor through the Establishment of Khevsureti National Park, Georgia” / GE0044; the WWF Caucasus.

10/2013 – 01/2015

Project manager, Geology team leader. Project of Construction of 5 aerial cableways in Tetnuldi mountain resort area, Georgia. Complex engineering-geology study of the construction area and sites. Earth Sciences Institute, Ilia State University.

03/2013 – 12/2015

Scientific head and Geology team manager. Georgian National Agency for Cultural Heritage Preservation. Complex geological, geomorphological and geotechnical study of the Vardzia cave town historical monument and surrounding area.

03/2014 – 12/2014

Scientific head and project manager. The Ministry of Science and Education of Georgia, Study of gold potential and geo-ecological risks of the river Gldanis-Khevi catchment area by means of remote sensing and GIS applications.

05/2013 – 09/2013

Scientific head and project manager. 1st International Conference and Workshop CAUCASUS ACTIVE TECTONICS AND MAGMATISM – HAZARDS AND RESOURCES (CATM). Shota Rustaveli Scientific Fund.

05/2010 – 10/2010

Senior expert - geologist. World Experience for Georgia – WEG. USAID project: Preliminary Study for Feasibility Analysis of Shale Gas Exploration in Georgia.

2007 – 2008

Country expert – geology and geomorphology. Consortium of KANTOR, KLC, Mott MacDonald and Louis Berger. The EU project EUROPEAID/120691/C/SV/Multi - IFI Technical Assistance Support Fund for Facilitating Investments in Oil & Gas Projects – Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine.

05/2005 – 09/2005

Local Contractor. Asia Gold Co., (Canada). Preliminary study of some gold deposits of Georgia.

- Data acquisition, consultations, meetings and field trips arrangement; final report preparation.

C E R T I F I C A T E S a n d D I P L O M A S

- Internal audit of QM systems; Bureau Veritas, 2011.
- Risk Management; International Finance Corporation (IFC), 2010.
- Strategic Planning; US Department of Commerce, SABIT program, 2007.
- Implementation of QM systems (ISO 9K, 22K); USAID/IESC, 2006.
- Modern Technologies of Mineral Resources Study and Development. Japan program JICA. China, 2003.
- Implementation of Modern Management Systems (ISO 9K, ISO 14K etc.). Bureau Veritas, 2002.
- HSE (Health, Safety and Environment). BP-Georgia, 2002.
- Environmental Tools for Decision Makers. EU-TACIS program, BISTRO Project, 2000.
- Project Management: Project Life Cycle, Cost Estimation, Project Finance, HR, Business Negotiations and Contracts. *Beicip-Franlab* and *G&Fint*, EU-TACIS Program, 1998-1999.
- Standardization and Certification in Industry. SABIT program, US Dep't of Commerce. USA, 1998.
- Business English. EU-TACIS and PSLC, 1998-2000.

E D U C A T I O N

- PhD in Geology, 1987.
- Post graduate studies. Institute of Geology of the Georgian Academy of Sciences, 1981-1984.
- Master's degree in Geology and Engineering, Tbilisi State University, 1976-1981.

L A N G U A G E S

English and Russian – fluent, Georgian – native.

S K I L L S

- Advanced knowledge of MS Windows and MS Office Suite (Word, Excel, PowerPoint, Project, Visio etc.); working knowledge of ArcGIS, STATISTICA, AutoCAD, Corel, Photoshop, MapInfo and other special software.
- Familiarity with: IT hardware, some laboratory and other equipment and facilities.

M E M B E R S H I P , H O N O U R S a n d O T H E R

- Member of:
 - Georgian Engineering Academy;
 - “OPTIMAL Group+”, an independent civil construction and engineering expertise company;
 - Georgian Geological, Georgian Mineralogical, and Georgian Oil & Gas Industrialists Societies;
 - International Association of Energy Engineers – AEE (2005-2012);
 - Academy Council of the Ilia State University (2012-2013);
 - EUROSCIENCE (2000-2006);
 - Several bidding and expert commissions (WB, MCG, Georgian Academy of Sciences, and other).
- Ed hoc reviewer of the Arabian Journal of Geosciences
- Foreign member of the Editorial board of the Scientific Journal of the National Mining Institute of Ukraine;
- Organizer and/or participant of various international scientific and business conferences, symposia and exhibitions (Czechoslovakia, 1985; Bulgaria, 1987; “Caspian Oil & Gas” 1998-2005 (Azerbaijan); “Turkish Oil & Gas” 2000-2005 (Turkey); JETRO, 2002 (Japan); Georgian International Oil & Gas, Energy & Infrastructure (GIOGEI) 2002-2005; World Energy Engineering Congress (WEEC) 2008, (Washington DC), International conference on Caucasus Active Tectonics, Magmatism and Resources (CATM) 2013, (Tbilisi, Georgia) and many others.
- Author of more than 70 papers, reports and books. Author of English-Russian-Georgian Oil & Gas Dictionary.
- Honored Engineer of 2004.
- Awarded a Governmental Medal of Honor.