

VAHAGN TONOYAN

SUMMARY

Dr. Vahagn Tonoyan has almost ten years of experience in international development projects in the South Caucasus and in the United States. His area of specialization includes international environmental policy, water resources management, water supply and discharge, implementation of the EU WFD, development of strategic plans for water resources and environmental issues, and the implementation and management of these activities in coordination with counterpart agencies and donors. In recent years, he has provided consulting services to USAID, UNDP, GEF, UN ECE, JICA, OSCE, ENVSEC and others as a national consultant for various water-related projects.

EDUCATION

- 11/2002 Institute of Informatics and Automation Problems, Armenian National Academy of Sciences
Doctor of Mathematics
- 09/1999-05/2001 Monterey Institute of International Studies, Monterey, CA, USA
MA in International Environmental Policy
Certificate in Conflict Resolution
Certificate in Geographic Information Systems and Global Positioning Systems
- 09/1992-06/1997 Faculty of Informatics and Applied Mathematics, Yerevan State University, Yerevan, Armenia
Honors Diploma of Graduation
- 09/1994-05/1995 California State University, Fresno, CA, USA
Certificate of completion a one-year course in Computer Science

STUDY TOURS

- 07/2005 Water Management Practices Study Tour to Bulgaria
Financed by USAID/AED/PA and facilitated by GWP Bulgaria, *Sofia, Bulgaria*
- 12/2002 Study Tour on River Basin Management to Romania,
USAID/DAI "Water Management in the South Caucasus", *Bucharest, Romania*

CONSULTING SERVICES

- 12/2008-02/2009 Climate Risk Management Technical Assistance Support Project Researcher/Armenia
Asian Disaster Preparedness Center
- 03/2008-12/2008 Task Leader/National Expert
"Economic Impact of Climate Change in Armenia", UNDP/Ministry of Nature Protection
- 02/2008-06/2008 National Coordinator for Armenia
"Fostering Dialogue between Riparian States for Development and Establishment of Initial Legal and Institutional Frameworks for Increased Cooperation and Joint Management of the Kura-Aras River Basin", ENVSEC-UNDP
- 04/2008-10/2008 Consultant for Preparation of Report "Desired Conditions for Water Uses and Functions in Marmarik River Basin, and Identification of Measures to Achieve the Desired Conditions"
UN ECE Division for Environment, Housing and Land Management
- 10/2007-11/2008 National Consultant on Institutional and Organizational Issues
JICA Study on Improvement of Rural Water Supply and Sewage Systems in Armenia
- 10/2007-06/2008 Senior Consultant, "Geocom Ltd."
"Classification of Water Resources and the Setting of Goals for River Basin Planning"
USAID Program for Institutional and Regulatory Strengthening of Water Management in Armenia

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| 12/2007 | Water Resources Policy National Expert “Second National Environmental Action Plan for Armenia”, UNDP/Ministry of Nature Protection |
| 09/2007-10/2007 | Consultant “Baseline Conditions and Pressures on for IWRM in the Marmarik River Basin in Armenia” UN ECE Division for Environment, Housing and Land Management |
| 08/2004 | National Co-Trainer AED/ICI Training in Water Resource Management, Basin Planning and Water Use Permitting |
| 08/2002 | Consultant USAID/DevTech Report “EIA of Land Privatization in Armenia” |

PROFESSIONAL EXPERIENCE

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| From 11/2008 | EU Project “Transboundary River Management Phase II for the Kura River-Armenia, Azerbaijan and Georgia” <i>Project National Coordinator for Armenia/Water Management Expert</i> <ul style="list-style-type: none"> • Coordination of project activities in Armenia; • Consultations with the main project partners and beneficiaries in Armenia; • Data collection and review; • Information gap analysis against the WFD requirements; • Preparation of technical report “Analysis of the baseline situation in the Kura-Aras River Basin”; • Monitoring workshops including provision of EU best practice guidelines; • Stakeholder workshops in the pilot areas; • Preparation of a draft catchment river basin management plan for the selected pilot areas using the IWRM/WFD methodology; • Joint river surveys in selected pilot areas. |
| 10/2005-09/2007 | UNDP/GEF Project “Reducing Transboundary Degradation in Kura-Aras Basin” (Armenia, Azerbaijan, Georgia, Iran) <i>Project National Coordinator for Armenia</i> <ul style="list-style-type: none"> • Provided support to promoting regional cooperation on water issues in the Kura-Aras Basin; • Participated in development of regional Strategic Action Programme and Transboundary Diagnostic Analysis for Kura-Aras River Basin; • Participated in development of over 10 thematic reports on water issues in the Kura-Aras River Basin; • Managed project activities in Armenia; • Organized and Facilitated Inter-Ministerial Committee Meetings in Armenia; • Supervised the preparation of reports on National Action Plan, Transboundary Diagnostic Analysis and Groundwater Resources in Armenia; • Reviewed and analyzed Legal and Institutional Framework of Water Sector Management in Armenia, Azerbaijan, Georgia and Iran, and prepared corresponding report; • Monitored Strategic Action Programme and National Action Plan development through assessing progress against established indicators, including identification of opportunities, challenges and options; • Provided and arranged for capacity building events, training and guidance for the participants in the project development processes; • Supervised development of Armenian-Iranian joint project proposal on “Formulation and Implementation of Water Quality Protection and Monitoring Plan of Aras River along Armenian-Iranian Borderline”; and development of Armenian-Georgian joint project proposal on “Development of Biological Monitoring in Khrami-Debed River Basin”; • Collaborated towards development of the SAP public involvement and communication strategies through, inter alia, encouraging fuller stakeholders involvement in project activities; • Identified coordination and management issues, challenges and options, within the project umbrella in the line with recent developments in water sector in the region. |
| 10/2004-10/2005 | USAID/PA “Program for Institutional and Regulatory Strengthening of Water Management in Armenia” <i>Deputy Chief of Party</i> <ul style="list-style-type: none"> • Provided technical guidance and management to support all project activities; • Co-led the task on Provision of Technical Assistance and Training to Increase Clarity of Responsibilities of Water Regulatory and Management Institutions and Increase Public Awareness of and Participation in their Functioning; |

- Participated and supported to project activities related to: Support in the implementation of Water Code, Institutional Assessment and Strategy, Assistance to the GoA in the development of the National Water Program, Support the Water Resources Management Agency and its Basin Management Organizations, State Water Cadastre, Improvement of the Monitoring of Water Resources, Improvement of regulation of water supply and wastewater services, Promote public awareness and participation, Development of a framework for Public Basin Councils;
 - Reviewed all technical reports written for Project purposes by Project team members or consultants to assure technical report accuracy and quality;
 - Represented the Project at meetings, workshops, and seminars, acted for the COP upon request;
 - Supervised and managed the project local staff by preparation and supervision of weekly matrix of activities, as well as quality review of the produced outcomes;
 - Supervised and managed project administrative staff as assigned by Chief of Party.
- 09/2001-08/2004 USAID/DAI Project “*Water Management in the South Caucasus*” (Armenia, Azerbaijan, Georgia)
Country Director/Armenia
- Managed project activities in Armenia;
 - Coordinated regional activities for data management and developing a framework for GIS;
 - Facilitated the provision of technical assistance to appropriate public sector, private sector, and non-government agencies in the field of water resources and environmental management;
 - Participated in preparation of the following reports: “Report on Hydrological and Water Quality Databases”, “Laws and Institutional Issues Affecting Water Management in the South Caucasus”, “Priority Issues in the Water Sector of Armenia”, “Small Grant Program in Armenia, Azerbaijan and Georgia”, “Demonstration Program in Armenia, Azerbaijan and Georgia”, “Advanced Training for Data Management”, “Integrated River Basin Planning for Khrami-Debed Watershed” “Basin Council Development in Armenia, Azerbaijan and Georgia”, “Project Summary Report – Water Management in the South Caucasus”;
 - Provided support for specific activities that included coordination with the counterpart Country Directors in Georgia and Azerbaijan, subcontractors, USAID, other donors active in the region, and Government of Armenia counterparts to help achieve program goals;
 - Provided support to promote regional cooperation on water resources in the South Caucasus; and
 - Assisted the Chief of Party and short-term technical specialists in other areas within the overall scope of the responsibilities of the Project Team.
- 05/2000-08/2000 United Nations Development Programme, New York, NY
Environmental Policy Intern, Special Unit for Technical Cooperation among Developing Countries
- Conducted research on environmental strategies, sustainable development programs and institutions in developing countries and countries with transitional economies;
 - Analyzed and evaluated existing mechanisms supporting environmental strategies and related projects/activities;
 - Prepared an annual work-plan (year 2001) for the UN/SU-TCDC Flagship Program on Environment; and
 - Participated in the development of a project on “South-South Cooperation in Environmental Strategies for Sustainable Development”.
- 07/1998-08/1999 Ministry of Nature Protection/UNDP, Yerevan, Armenia
Project Assistant “Biodiversity Strategy and Action Plan, First National Report to CBD”
- Participated in the development of the First National Report on Armenian Biodiversity and Biodiversity Strategy and Action Plan;
 - Coordinated works with national and international consultants;
 - Analyzed and evaluated the project implementation and prepared progress reports;
 - Organized regional and national conferences, workshops, and seminars to increase public awareness of the project;
 - Edited the English and Armenian versions of the National Report and Biodiversity Strategy and Action Plan;
 - Participated in the development of priority actions within the National Strategy; and
 - Prepared project financial and terminal reports.
- 09/1997-07/1998 Ministry of Social Security, Yerevan, Armenia
Head of the Department of International Relations
- Coordinated and managed the international relation issues of the Ministry;
 - Participated in the development of the Armenian Social Welfare Policy;
 - Developed project proposals for international donor organizations;
 - Participated in the design of the poverty alleviation policy;

- Represented the Ministry in international conferences.
- 11/1997-04/1998 Government of the Republic of Armenia, Yerevan, Armenia
Secretary of the Humanitarian Assistance Central Commission
- Participated in coordination, distribution, and monitoring of humanitarian assistance provided by donor community to Armenia.

PUBLICATIONS

- 2008 Tonoyan V., “Water Management in Armenia within the Climate Change Context”, Proceedings of the International Conference “The Importance of Ecology and Nature Protection in the Sustainable Development Perspectives”, November 2008, Yerevan, Armenia
- 2008 Torosyan G., Tonoyan V., “Problems of Improvement of Drinking Water Supply in Rural Communities of the Republic of Armenia”, Contemporary Problems of Geology and Geography, Proceedings of Conference, October 2008, Yerevan, Armenia
- 2008 Shahnazaryan G., Margaryan L., Tonoyan V., Narimanyan B., Minasyan S., “Chemical Quality of Marmarik River in 2006-2007”, Information Technologies and Management, Volume 4, Armenian Society of Computer and Information Systems, Engineering Academy of Armenia, April 2008, Yerevan, Armenia
- 2007 Tonoyan V., “Regional Cooperation in the Kura-Aras Basin: Challenges and Opportunities”, Sirius Journal on International Development, University of Pennsylvania, November 2007, USA
- 2006 Tonoyan V., “Summary Analysis of Projects Implemented with the Assistance of International Donor Organizations in the Field of Overall Water Resources Management of the Republic of Armenia”, National Conference on Integrated Water Resources Management Process in Armenia 2006, Arzakan, Armenia
- 2006 Martirosyan A., Tonoyan V., “Joint Water Quality Monitoring of Araks Transboundary River between the Republic of Armenia and the Islamic Republic of Iran”, National Conference on Integrated Water Resources Management Process in Armenia 2006, Arzakan, Armenia
- 2005 Vardanyan M., Lennaerts T., Schultz A., Harutyunyan L., Tonoyan V., “Towards Integrated Water Resources Management in Armenia: Achievements and Next Steps”, The Third International Conference on Water Resources Management 2005, Algarve, Portugal.

MEMBERSHIP

- From 11/2005 Member of the Joint Armenian-Iranian Expert Group on Studying Water Pollution in Araks Transboundary River

COMPUTER LITERACY

- Soft Platforms (Windows 2000, XP, NT Workstation, Windows NT Server);
- Databases (MS Access, SQL);
- Web-based Management Tools (Internet, Intranet, Front Page, Office Publisher);
- Applications (SPSS 8.0, MS Office, Corel Professional, PhotoShop, Adobe Illustrator);
- Arc View GIS 3.2a, 8.3, Arc GIS 9.0, Arc Explorer, Pathfinder Office.

LANGUAGES

Native Armenian. Fluent in English and Russian, beginner in French.