ABROR NIYAZOVICH GADAEV

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EDUCATION:

1991 Ph.D., Kiev National University of Civil Engineering and Architecture, Ukraine.
1983 Master of Civil Engineering, Kiev National University of Civil Engineering and Architecture, Ukraine.

PROFESSIONAL EXPERIENCE:

2001 September - present
Doctoral Researcher and Associate Professor in Department of Ecology, Samarkand State Architectural and Civil Engineering Institute (SamSACEI) Samarkand, Uzbekistan.

December 1991 - September 2001
Senior Lecturer, Associate Professor in Department of Water Supply, SamSACEI.

February 1988 - December 1991
Scientific Researcher in Department of Water Supply, Kiev National University of Civil Engineering and Architecture.

October 1983 - February 1988
Assistant Professor of the Department of Water Supply, SamSACEI.

NON - PROFIT EDUCATIONAL ORGANIZATION EXPERIENCE:

January 2004- May 2004

Visiting Scientist, Intelligentsia International Inc. LaBelle, Florida USA.
Developed new water resources information clearinghouse, UzbekWater.Net and associated training program.

November 1999 - September 2001
Chief of human resource management and privatization departments of the Samarkand regional office of the State Property Committee of the Republic of Uzbekistan.

SCIENTIFIC AND PROFESSIONAL SOCIETIES:

Member, Uzbekistan International Ecological Foundation (Ecosan)
Member, Association of Ground Water Scientists and Engineers
Member, Uzbekistan National Society of Professional Teachers
Member, Professional body of Scientists and Teachers of Republic of Uzbekistan.

ACHIEVMENTS AND AWARDS:

1996 - Environmental Protection Committee Republic of Uzbekistan;
1996, 1992, 1985 - Samarkand State Architectural and Civil Engineering Institute;
2000 - International Ecological Foundation (Ecosan) Uzbekistan.

PUBLICATIONS AND RESEARCH INTERESTS:

Authored more than 40 names of the scientific articles and 7 methodological instructions (manuals) for engineering students specializing in Water Supply and Sewerage. These articles and manuals address: water supply, water sources, problems of underground waters and restoring the productivity of water wells.

Scientific investigations have focused on regeneration of water wells and operation of water supply system. Objectives are investigating the causes of water well clogging and decreasing productivity, physic-chemical and mineralogical properties, the clogging of adjournment and possible reagents for their removal, and devices for water well regeneration. A new combined (blended) water well rehabilitation method has been developed. Using solid carbon dioxide and complex chemicals, new water well regeneration equipment has also been developed. The results of these studies have been published in national and international conference proceedings and in noted science journals.

University teaching includes 21 years at Samarkand State Architectural and Civil Engineering Institute and Kiev National University of Civil Engineering and Architecture, Kiev, Ukraine. Teaching subjects: water-supply, water sources, protection and rational use of water resources, water well constructions and prolongation of their stable functioning, and general ecology. Supervised more than 50 engineering students on a specialty “Water supply" program in completing their program graduation requirements, including final theses, and successfully attaining their degrees.

LANGUAGE SKILLS:

Languages: Uzbek (native), fluent in Russian and English.
Elementary in Turkish, Iranian, Ukrainian and Kazakh.

GRADUATE LEVEL COURSES TAUGHT:

Water Supply Systems: Urban/Rural Areas
Groundwater Treatment and Quality Control
Water Resources, Protection and Rational Use of Water Resources
Water Resources Management
Water Wells Construction, Maintenance
Water Wells Reconstruction and Rehabilitation
Water Chemistry and Microbiology
Industrial Water Supply Systems
Pumps and Pump Stations
Municipal Water Supply Systems
Hydraulics, Hydra Machine and Hydra Processes
General Hydrogeology and Groundwater Geology
General Ecology
Protection and Rational Use of Natural Resources