Anna SHIDLOVSKAYA **April 2017**

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Department of Hydrogeology
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Birth Date: 1974
Birthplace: Saint-Petersburg, Russia
Citizenship: Russia

Visiting Professor in the Zachry Department
of Civil Engineering at Texas A&M University
(2014-2015)

PROFESSIONAL INTERESTS:

Interdisciplinary Approach to Geotechnical, Geological and Geoenvironmental Engineering
Field and Laboratory Investigation
Subsurface Microbiology and Geotechnical Engineering
Mining Engineering
Slope Stability
Soil Improvement including Enzymes Stabilization
Pressuremeter Testing
Microbial Induced Corrosion
Erosion and Soil Parameters

EDUCATION:

- September 2005 PhD in Geological and Geotechnical Engineering, St. Petersburg State University of Mines, Russia;
- June 1996 Engineer Degree, Hydrogeological and Geological Engineering for Civil and Mining Engineering, St. Petersburg State University of Mines, Russia;
- June 1991 General Certificate of Secondary Education, School No. 78, St. Petersburg, Russia

EXPERIENCE:

Educational Institutions

- Visiting Professor, Zachry Department of Civil Engineering, Texas A&M University (Texas, USA), 2014-2015
- Associate Professor, Department of Hydrogeology and Engineering Geology, St. Petersburg State University of Mines, 2009-Present
- Fellow, Basic Research and Higher Education (BRHE), Post-Doctoral Fellowship Program, U.S. Civilian Research & Development Foundation (CRDF), 2006-2008.
- Assistant Professor, Department of Hydrogeology and Engineering Geology, St. Petersburg State University of Mines, 2005-2009.
- R&D Engineer, Geyser, Water Treatment Company, Russia, 1996-2002.

Industrial
Geological and geotechnical engineering consulting work (2005-now), mining consulting (2009-now). In Russia on various topics including historical monuments, subway tunnels, underground engineering pipes, mines and open-pits stability, concrete dam, pressuremeter testing etc. In the USA on erodibility of soil (NCHRP PROJECT NO. 24-43), new tests for soils, potential uses of mine residues in engineering practice, enzymes stabilization of soil.

SOCIETY MEMBERSHIPS:

Chair of the Joint Technical Committee on Geo-Engineering Education (JTC3) within the Federation of International Geo-engineering Societies
Geo-Institute of the American Society of Civil Engineers
The US National Society of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)
Geo-Institute Technical Committee on Engineering Geology and Site Characterization, ASCE
International Association for Engineering Geology and the Environment (IAEG)
Association of Environmental & Engineering Geologist (AEG)
International Society of Rock Mechanics (ISRM)
International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE), Subcommittee on Pressuremeter testing (ISP-8)
Saint-Petersburg Candidate and Doctoral Defense Committee on Geological Engineering
Russian Society of Soil Engineers by Ohotin
TC207, International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), friend
International Society of Subsurface Microbiology (ISSM)
International Geosynthetic Society (IGS)

GRADUATE STUDENTS (2006-2015)

21 Graduate students (engineering degree)

BOOKS (AUTHOR)

Dashko R.E., Vlasov D.Yu., Shidlovskaya A.V. Geotechnical engineering and subsurface microbiology. 2013. ISBN 978-5-9904956-2-3. (in Russian)

PUBLICATIONS

Refereed Journal Papers – 22 (5 in English and 17 in Russian).
Conference Papers – 36 (11 in English and 25 in Russian)
Research Reports – 24
Significant Research Projects – 16
Presentations – 40

SKILLS

- Software Experience: Slide, AutoCad, CorelDraw
- Adapt new concepts quickly while working under pressure

EXTRACURRICULAR ACTIVITIES. Play tennis. Fond of skating, skiing, kayaking, and dancing.