

Douglas D. Walker, PhD., PH
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SUMMARY 25+ years as Engineer/Project Manager in earth science, with projects in US, Sweden, Japan. Currently advisor, US State Dept., Offices of Afghanistan/Pakistan.

EMPLOYMENT

2010 to date Desk Officer, Offices of Afghanistan and Pakistan / US Dept. of State.
• Tracking and advising on water, energy, mining, and agricultural issues.
• Collaborating with two US embassies to develop transboundary water policy.
• Providing decision support in science and technology as requested.

2001 to 2010 Hydrologist, Illinois State Water Survey / University of Illinois.
• Supported decision-making in water-resources.
• Developed externally funded interdisciplinary / interagency research projects.

1994 to 2001 Groundwater Hydrologist, INTERA – Duke Eng., Albuquerque, New Mexico.
• Assigned to INTERA KB in Stockholm, Sweden, 1996 to 1998.
• Consultant / Project Manager, nuclear waste disposal in US, Sweden, and Japan.
• Promoted to Assistant Group Manager.

1988 to 1991 Hydrogeologist, Harza Environmental Services, Chicago, Illinois.
• Field investigations and computer modeling of groundwater in AZ, IL, IN, NY.
• Developed internally funded research to develop GUI for groundwater modeling.
• Supervised subcontractors in the field.

1986 to 1987 Technical English Instructor, International Educational Services, Tokyo, Japan.
• Trained Japanese engineers in technical English and presentation skills.
• Developed courses and teaching materials; oriented and evaluated instructors.

EDUCATION PhD. Agricultural Engineering (1994), Colorado State University.
MS Civil Engineering (1986), Colorado State University.
BS Watershed Science (1983), Colorado State University.

OTHER TRAINING Nat'l Incident Management Sys. 100, 200, 300, 400, 700, 800; 2006 to 2008.
MS Access and MS Project Management 2002, Levels I and II, U. Illinois, 2003.
Introduction to ArcGIS I, U. Illinois, 2003.

HONORS Science & Tech. Policy Fellow 2010-2011, AAAS, Washington, DC.
Professional Hydrologist # 09-HGW-1918, 2009, Amer. Inst. of Hydrology.
Faculty Fellow 2003-2004, Nat. Center for Supercomp. App., Champaign, Illinois.

SERVICE Deliver/coordinate disaster services for American Red Cross, 2001 to date.
• 2005, promoted Supervisor, Info. Management Services: Disaster Assessment.
• 2009, promoted Supervisor, Partner Services: Liaison – Governmental.
Assoc. Editor, *Ground Water*, 2002 to 2010; Meeting chair/committee 2001 to date.

PROGRAMMING Several programming languages under Win/Mac/Linux, extensive experience in development/QA of scientific programming.
Working knowledge of MS/Office, MathCAD, GSLIB, R, html, Javascript, etc.

PUBLICATIONS Available on request; see also website/blog at xAnalytica.com.

CLEARANCE TS/SCI.

REFERENCES Available on request.