# **Stuart J. dykstra**

**Mr. Stuart J. Dykstra**

Director of Programs

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Biography

Stuart Dykstra is a hydrogeologist working worldwide on multi-disciplinary water-related projects including groundwater development and protection; drinking and irrigation water supplies; wetlands; fluvial restoration; flood control; mining reclamation; and the restoration/reclamation of disturbed and radiologically contaminated lands. He is a Program Manager of technical teams comprised of diverse specialties, including civil engineering, planning, hydrogeology, geophysics, GIS, mine engineering, mechanical & electrical engineering, nuclear resources, ecology, geotechnical engineering, soil science, agronomy, irrigation, environmental science, archaeology, survey, and construction. He has worked extensively for the past 15 years on large-scale water and wastewater projects in Haiti, Central African Republic, DR-Congo, Nicaragua, Honduras, and Peru for multi-laterals, bi-laterals, development banks and international aid.

Awards

* American Council of Engineering Companies (ACEC) Honor Awards from National and Illinois State chapter for Groundwater Development Project in Haiti (2009).
* Abandoned Mined Lands (AML) National Award for Excellence in the Reclamation Design of the VECA Uranium Mine, Wyoming.

Professional Affiliations

* Senior Vice President of Water, Environment & Natural Resources at V3 Companies Ltd.
* Co-Founder Water Technologies International LLC
* Member: Geologic Society of America, Hydrogeology, International & N-Central District
* Member: International Assoc. of Hydrogeologists
* Member: American Institute of Professional Geologists
* Member: Rotary E-Club E9980, & Lifetime Member of Water & Sanitation Rotarian Action Group (WASRAG)
* Member of the Haiti National Clean Water, Sanitation and Hygiene Strategy (HANWASH)
* Advisory Board Member Wheaton College Geology
* Fmr Director of Development: United Nations Association Chicago

Professional Interests

* Hydrogeology and Sustainable Water Sourcing
* Water Economics
* Sustainable Water Supply Infrastructure
* Philosophy and Faith in Humanitarian Action
* Fluvial Geomorphology, Hydrology, Wetlands and the Restoration of Disturbed Lands

Publications/Conference Papers:

* “Geological and Hydrogeological Assessment of the Brito Formation: Municipio de Tola, Nicaragua” Adamson, J.A., Dykstra, S.J. et al. Hydrogeology Journal, 2020, *under review.*
* Water Resource Study for Coffee Growers Near La Union, Honduras”, Dykstra, S.J. American Institute of Professional Geologists (AIPG) Newsletter, 2019.
* “A Hydrogeologic, Geochemical, and Structural Conceptual Model for Groundwater Flow, La Union, Honduras” Sparks, R., Dykstra, S.J. et al. Hydrogeology Journal, 2019, *under review.*
* “Lozandieu Hydrogeologic Investigation for Larges Scale Tourism Development in Areas of Water Scarcity” Dykstra, S.J., American Institute of Professional Geologists (AIPG) Conference 2018.
* “Groundwater Sourcing & Sustainability in Developing Countries” Dykstra, S.J. Association of Environmental & Engineering Geologists (AEG) Annual Meeting 2018.
* “Haiti’s Water Poverty Myth” Dykstra, S.J., Metropolis Books Review, 2013.
* “Municipal Water Supply Development, Port-au-Prince Haiti” Dykstra, S.J., Illinois Institute of Technology Water Development Conference Paper, 2012.
* Hydrogeologic Characterization and Atlas of La Gonâve, Republic of Haiti”, Adamson, J.K., Dykstra, S.J., American Institute of Professional Geologists (AIPG) - Geosciences: The Road to a Sustainable Future Conference Paper, 2011.
* “Groundwater Exploration for Residential and Humanitarian Uses in the Nord Ouest Department, Haiti” Adamson, J.K., Dykstra, S.J., Geologic Society of America - International Development & Geoscience Section Paper 2010.
* “Water Supply Systems During Earthquake Recovery” Dykstra, S.J., Illinois Society of Professional Engineers, 2010.
* “Groundwater Exploration and Development in Haiti” Adamson, J.K., Dykstra, S.J., American Association of Professional Geologists (AIPG) The Professional Geologist, Vol. 46, No. 3 – May/June, 2009,
* “New Dimensions in Clean Water for Large Municipalities, Haiti” Dykstra, S.J., Rotary Haiti Clean Water Summit, 2007.