

# **David Evans**

**Principal Hydrogeologist and GWX Managing Director at MWH Global**

Lima, Lima Province, PE

Hydrogeologist based in Lima, Peru with over 25 years of groundwater and business management experience (17 years in Peru and 8 in Canada)

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The majority of my career has been within the mining industry where I have led hydrogeological investigations at some of the largest mines and mining projects for companies such as Antamina, BHP, Rio Tinto, Xstrata, Anglo American, Newmont, Freeport McMoRan, Teck, Gold Fields, and Barrick. Extensive experience in groundwater exploration and aquifer management, aquifer recharge, karst investigations, tailings and waste rock seepage investigations, numerical modeling, mine dewatering, hydrogeological components for feasibility studies and EIA's for new mines and dam sites, groundwater and soil remediation, geochemistry, and surface water hydrology components. Currently Co-founder and Managing Director for FloSolutions, a new and innovative consulting group focused on water management in the Mining and Agricultural Sectors. Previously I was Global Mining Hydrogeology Sector Leader for MWH between 2008 and 2013. The MWH hydrogeology group in Lima was the largest and most diverse center for hydrogeology within MWH globally and arguably one of the largest and most diverse hydrogeological groups worldwide. Prior to MWH I was Founder and Managing Director of Ground Water International (GWI), the largest hydrogeological consulting group in Peru between 2004 and 2008. GWI clients included Antamina, Yanacocha, Minsur, Volcan, BHP, Rio Tinto, Xstrata, Newmont, Teck, Gold Fields, and Barrick. At the time of acquisition by MWH in 2008, GWI had over 40 staff members from 11 countries. Previous to MWH I was Founder and General Manager of Hydrogeological Consultants Inc. Peru S.A.C.(2002 - 2004). Although we only operated for about two years, HCI Peru worked with some of the largest mines in Peru including Antamina and Yanacocha.

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Keynote, Panelist, Author Appearance

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Environmental Services, Mining and Metals, Agriculture and Farming, Sanitation and Waste Management, Oil and Gas

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Geology, Hydrogeology, Karst Hydrogeology, Mining Hydrogeology, Mining and Water

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International Association of Hydrogeologists

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**Conference Opening Speech - Importance of Water in Mining**  
Mine Water Solutions in Extreme Environments

**Hydrogeological Evaluation of Mine Waste Facilities in High-Mountain Karst Terrain ? Lessons Learned from the Peruvian Andes**  
Mine Water Solutions in Extreme Environments

**Karst Hydrogeology of Peru**  
39th IAH Congress

**Karst Hydrogeology Investigations**  
MWH Mining Hydrogeology Workshop

**Aquifer Vulnerability and Risks Associated with Developing Mine Waste Facilities in Karstic Alpine Terrain, Peru**  
EXTEMIN 2007

**Aquifer Vulnerability Mapping in Karstic Terrain, Antamina Mine, Peru**  
Society of Mining Engineers Annual Meeting

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**University of New South Wales**  
M.App.Sci Hydrogeology

**University of Windsor**  
B.Sc. Hons Geology

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**MWH Global Mining Hydrogeology Leader**

From sustainable water management and natural resources engineering to mine remediation, MWH provides comprehensive consulting, engineering, construction, quality assurance and program management services to the mining industry around the world.

**Chairman of Mine Water Solutions Conference**

Mine Water Solutions in Extreme Environments was held in Lima, Peru in April 2012. The conference provided a forum for presentation and discussion about successful practices that enable responsible mining to be undertaken in challenging environments, while minimizing water use and/or preserving water resources. The conference was attended by over 350 delegates from 25 countries.

**Keynote Speech on Risks of Mining in Karstic Regions**

Site selection for new mine waste facilities in some areas of Peru is extremely challenging as some regions are more vulnerable to structural deformation and karstification than others. The presentation showed the risks associated with mining in karstic regions and investigation methods which can reduce the risks.

**GWJ Presents 3 Day Workshop on Mining Hydrogeology**

First workshop on mining hydrogeology in Peru

**GWJ Acquired by MWH**

GWJ acquired by MWH.

**Ground Water International Founded**

A hydrogeological consultancy firm based in Lima, Peru and acquired by MWH in 2008. At the time of acquisition, the consultancy was the largest in Peru with over 40 employees from 10 countries.

### **Country Manager, Itasca Peru**

I started Itasca Peru and managed the office between 2001 to 2003. Itasca is a global, employee-owned, engineering consulting and software firm, working primarily with the geomechanics, hydrogeological and microseismics communities.

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