

Curriculum Vitae

Nigel Stuart, MBA, BS(Civ Eng)

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Professional Profile

- Water Sanitation and Hygiene Promotion (WaSH) Field Engineer working for International Humanitarian NGOs in emergency context.
- Leader in implementation of Project Management Information Systems for improved execution of programs and projects for a wide variety of organizations.
- Extensive experience in Project Controls – the identification of leading indicators for project success and the monitoring of those indicators – across programs.
- Field and Engineering skills allow cross sectoral work into Shelter, Logistics and Security.

Education

- **Master of Business Administration**, Bradford University School of Management, 1989. Elective concentration in International Business.
- **Engineer Officer Course**, Royal School of Military Engineering, Chatham UK, 1984 (Courses currently accredited by Cranfield University).
- **Standard Graduate Course**, Royal Military Academy, Sandhurst, 1983 (current course awards the Open University Postgraduate Certificate in Leadership and Conflict Studies).
- **B.S., Civil Engineering**, University of Portsmouth, Concentration in Construction Management.

WaSH Education and Training

- **Health Impact Analysis workshop participant and Conference Attendee, Water for Health Conference**, UNC Chapel Hill, 2011
- **Conference Attendee and Room Host , Water for Health Conference**, UNC Chapel Hill, 2012
- **Conference Attendee, Water for Health Conference**, UNC Chapel Hill, 2013
- **Conference Attendee, Water for Health Conference**, UNC Chapel Hill, 2014
- **Conference Presenter (on behalf of author) Long-Term Sustainability of Behavior Change due to CHCs** UNC Chapel Hill, 2015
- **Conference Attendee, Water for Health Conference**, UNC Chapel Hill, 2016

Teaching Experience

- **Project Management Software – Oracle Primavera Unifier and P6:** Administrator, User and Developer training provided to multiple clients. Training sessions conducted on monthly basis over 15 year timeframe.
- **Safety and Security Planning, Guest Lecturer. UNC Chapel Hill:** Course Number ENVR 789 “Working, Studying and Conducting Research Abroad” UNC Chapel Hill, 6 March 2017
- **Water and Sanitation – basic Public Health in Emergencies - Train the Trainer –** Gaziantep, Turkey 2014

WaSH and Field Engineering Experience

- WaSH Consultant, CARE Jordan, May /Jun 2016. Solar Borehole Pump Program. Advised on the equipment selection. Provided project and logistics planning for this US Government funded program.
- WaSH Consultant, CARE Turkey Jan/Feb 2014. A defining aspect of the Syrian civil war emergency has been the necessity for International NGOs to establish partnerships with, and increase capacity of, indigenous Syrian NGOs. This deployment included training workshops for partner NGO staff. Water courses in the program area were being contaminated through artisanal refining of crude oil. The provision of mitigating practices to allow continued use of these sources as domestic water supply sources was a major work component. Represented CARE at UN Coordination meetings.
- WaSH Specialist, CARE Northern Cameroon Oct 2012 (Flooding). As part of CARE’s emergency response, responsible for the assessment, design and implementation of the WASH component of CARE’s emergency response strategy.
- WaSH Specialist, CARE Kenya, Dadaab. Horn of Africa Famine Response Aug-Sep 2011. The rapid expansion of the Dadaab water supply system was a vital component of UNHCRs response for Somali refugees. Technical support and leadership provided to CARE’s national staff during a period of rapidly deteriorating security. Subsequently was selected to join CARE’s Emergency Roster.
- Water and Sanitation Advisor, Plan International, Haiti Earthquake Emergency Response. Jan-Mar 2010. Hired for oversight of WaSH component of response, but took on responsibilities as Education/Shelter sub-cluster lead. Provided schematic design for Transitional Classroom to UN Shelter Cluster specifications (and Ministry of Education Approval). Overcame organizational inertia and logistics constraints to procure the construction material and tools for eighty transitional and 120 temporary classrooms. Arranged shipping direct from Louisiana to Jacmel, Haiti, (22 Containers plus palletized lumber) within in four weeks. Design subsequently included in UNICEF’s Transitional Learning Spaces Compendium and McGraw Hills’ Architectural Record. [Unicef Compendium - Section 10](#).
- Program Coordinator. Water and Sanitation Projects, WaterAid, Uganda and Kenya. Three years as the senior representative in both Eastern Uganda and Somalia border areas of Kenya (Tana River District). Community engagement, program design and implementation were performed in a difficult post-conflict environment. Designed community-led solutions – spring protection, gravity and pumped water systems and sanitation programs – each integrated with hygiene promotion and revenue generation components to ensure sustainability. Logistics planning aptitude and the ability to work with government institutions of limited resources were critical success factors.
- Officer. Corps of Royal Engineers. Lead a troop of 45 soldiers in the execution of military and civil engineering tasks; airfield installations in the Falkland Islands, school in Papua New Guinea and game park infrastructure in Kenya.

Professional Affiliations

- Associate Member, American Society of Civil Engineers.
- Member, American Association of Cost Engineers International.

Project Information Systems – Implementation Experience

- **Lebanon Water Project:** Project Management System Architect – This USAID funded program is being implemented by DAI Inc. DAI selected Oracle’s Primavera Unifier to provide transparency to project communication and financial transactions. Responsible for ensuring the software was configured to provide the appropriate data collection, validation and reporting.
- **Saudi Aramco:** Project Director for the Unifier implementation for the EPM Project – a corporate initiative to use a standard, integrated suite of software for the Aramco capital portfolio (\$36 billion annual capital spend). Previously implemented Oracle Primavera Unifier on two Aramco mega-projects; Sadara and RabighII Chemical complexes. Both these projects each represent over US \$10 Billion in capital investment. The Oracle Primavera Unifier implementation is cost focused and relies heavily on a deep background in Project Controls.
- **Auburn University:** Played an instrumental role in auditing methodologies and Oracle Primavera Unifier utilization, making detailed recommendations on alternate approaches. Auburn University makes extensive use of the Scope Management functionality within the Oracle Primavera Unifier application.
- **Avalon Bay:** Led the team that developed the most comprehensive implementation in terms of functionality and integration points to other systems. Built and deployed almost 40 Business processes during a fixed price, fixed duration “Sprint”. Covered Cost Processes and Field Management Processes.
- **John Wayne Airport (IATA SNA):** Director Program Controls and Solution Architect for the self-hosted and self-implemented Oracle Primavera Unifier project controls solution. This role included existing capital projects process review, re-engineering and replication - but as software based business processes. Also, responsible for hiring and leading a team to complete the build, maintain it in production and train a user base exceeding 100 persons. In the Controls Director role was responsible for the scheduling and budget reporting and analysis for a program exceeding \$600 million.
- **Turner Construction:** Led the team that implemented the Prolog Project Management Software that serves as the IT backbone for every Turner project (branded as TurnerTalk.com). This completed 5 years of working with the (Trimble) Prolog product.