

DANIEL BUGGIANI

GEOLOGIST AND WASH EXPERT

CONTACT

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Humanitarian work experiences

- Medecins Sans Frontieres-Holland (Emergency Wash Coordinator, September 2018- December 2018 **Ethiopia**)
- Medecins Sans Frontieres-Holland (Flying Wash, March 2017- June 2017 **Democratic Republic of Congo**)
- CIRPS-GSF joint venture for ACF (Electrochlorination Feasibility Study Consultancy Coordinator, August-September 2016 **Sierra Leone**)
- Medecins Sans Frontieres-Belgium (Logistic Coordinator April 2016 **Greece**)
- Medecins Sans Frontieres-Spain (Wash Manager February 2016 **Ethiopia**)
- OXFAM Intermon (Wash Cluster Coordinator – Jan-March 2015 **South Sudan**)
- Medecins Sans Frontieres-France (Flying Wash, Oct. 2014 - Nov. 2014 **Jordan**)
- Medecins Sans Frontieres-Holland (Logistician and Administrator, Sept. 2013-June 2014 **Bangladesh**)
- Action Contre la Faim-France (Cholera WASH Program Manager, July 2013 -August 2013 **Sierra Leone**)
- UNHCR (Drilling Expert Consultant, January 2013 – 31 March 2013 **South Sudan**)
- Medecins Sans Frontieres-Holland (Flying Wash, Jan. 2012 – July 2012 **Nigeria**)
- Medecins Sans Frontieres-Holland (Flying Wash, Dec. 2009 – Oct 2011 **Democratic Republic of Congo**)
- Medecins Sans Frontieres-Belgium (Cyclone emergency Wash Officer July 2009 – Sept. 2009 **Bangladesh**)
- Medecins Sans Frontieres-Belgium (Drilling Coordinator in Juba, August 2008 – February 2009 **South Sudan**)
- Medecins Sans Frontieres-Spain (Cholera Wash Officer, May-June- 2008 **South Sudan**)
- Medecins Sans Frontieres-Belgium (Logistician and Administrator, July 2007 – January 2008 **Sudan-Darfur**)
- GSF Geologia Senza Frontiere-Onlus (Rain water harvesting Program Manager February 2008 – March 2008 **Tanzania**)
- AFRICA 70 (Hydrogeologist Consultant, September 2006 – February 2007 **Somalia**)
- ACRA (Hydrogeologist, May 2006 – July 2006 **Cameroon**)
- AIFO-CIRPS (Consultant Wash/Hydrogeologist, March-April 2006 **Indonesia**)
- AIFO (Geologist Consultant, January - February 2002 **Democratic Republic of Congo**)
- L.I.T.A. (Hydropower Implant Technical Consultant, January-February 2001 **Mexico-Chiapas**)

Private sector work experiences

- 2019 - Geologic study for solar bike road feasibility project, Villasimius, Sardegna (**Italy**).
- 2005 – Montana S.r.l. Ground water chemical pollution survey in Petrolchimico Syndial area, Porto Torres, Sassari (**Italy**)
- 2003 Earthscience s.a.s. Core and penetrometric analysis to verify rail bridge stability in Marradi-San Martino line (**Italy**)
- 2000 - GEOstudi s.r.l. Geological survey of G.R.A. (Grande Raccordo Anulare) highway, Geological mapping. Rome (**Italy**)
- 2000 - University of RomaTre, geological survey along seismic line, shot point borehole stratigraphy analysis. CROP 11 project - deep crust seismic profile Civitavecchia-Vasto (**Italy**)
- 1999 - GEOstudi s.r.l. *Geologic-structural survey in a limestone dismissed mine Geologic mapping and cross sections*, Minervino-Murge, Puglia, (**Italy**).

EDUCATION

- 2006 Master - Land and Water Management in Developing Countries, University of Milan Bicocca (**Italy**)
- 2000 - Geologist Professional Title, University of Rome RomaTre (**Italy**)
- 1991-1999 – Degree in Geology, University of Rome La Sapienza (**Italy**)

VOLUNTARISM

2003-2009 Founder and Chairmen of Geologia Senza Frontiere no-profit Association

1996 Founder and Chairmen of EcoRaccolte no-profit Association. Recycling of solid waste at University of Rome.

Planning, designing and guiding of excursions to promote knowledge of geology.

COMPETENCIES

GEOLOGY

- Geologic and structural-geologic survey and mapping, GPS use in the field and integration in GIS application, Topographic map.
- Hydrogeology survey and Geophysics for ground water research.

WATER SANITATION AND HYGIENE (WASH)

- Full management of WASH content in Health Structures, Communities and displaced people (IDP, Refugees).
- Water supply sources, water quality sources investigation, river flow measurement
- Drilling: Pump test, Pumps sizing and installation, drilling campaign planning/supervision.
- E-prep and response for Cholera outbreak, Malaria outbreak,
- Water treatment (chlorination, flocculation)
- Design, construction and rehabilitation of health centers and WASH facilities.

CONSTRUCTION

- Basic knowledge of Electricity, Plumbing, Masonry, Carpentry, solar system installation, 'Ferro-cement' water tank.

IT

- Microsoft package applications + open sources
- GIS (ArcGIS)

MANAGERIAL

- No profit association coordination
- Strategic planning
- Programs implementation
- National and international staff supervision, recruitment and training
- Team working
- WASH Cluster coordination
- Lecturing about WASH response in emergencies
- Reporting and monitoring
- Self-starting, Stress management, Flexibility

Driving license: manual gear

TRAINING

HUMANITARIAN SECTOR

- Writing Grant Report, June 2020, Cornerstone OnDemand Foundation, online
- Monitoring and Evaluation, June 2020, IRC, online
- Leadership and People Management, Oxford Leadership & MSF OCA, November 2018, Nairobi Kenya
- IASC (Inter Agency Standing Committee)- Different Needs – Equal Opportunities, August 2014 online
- UNDSS Safe and Secure Approaches to Field Environments, January 2013, UNITED NATIONS, South Sudan
- Water and Sanitation workshop, MSF-OCA, June 2011, Holland
- Strategic Approaches to Water, Hygiene and Sanitation (WHS) July 2010 WEDC (Water, Engineering and Development Centre), University of Loughborough, UK.
- Water Hygiene & Sanitation in Emergencies, Medecins Sans Frontieres-Belgium, June 2009 (Belgium)
- Mine Action course, INTERSOS, February 2001, Italy
- International Cooperation Operators, COCIS and SCI (Servizio Civile Internaz.), June 2000, Italy

ENVIRONMENT PROTECTION & SUSTAINABILITY

- Hydrogeological Risk, C.E.P. (Consorzio Ecologico Prenestino) Provincia di Roma, 2000, Italy.
- Solar system design, Associazione Artemide, 1998 (Monte Peglia – Orvieto) Italy
- Renewable energy systems, 1998 Ca' Morosini (Montalto – Reggio Emilia) Italy
- Review of renewable energy systems, waste

LANGUAGES

Italian : Mother tongue

English : B2

French : A1