

## Bassam George Farkouh

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### PERSONAL DETAILS

FamilyName	FARKOUH	FirstName:	Bassam	
Date & place of Birth	07-may-1963, Damascus, SYRIA	Nationality	Palestinian - Syrian	
MaritalStatus	Married, two daughter and son	Military service	Finished	

### Education:

- PhD in Mechanical Engineering, Grenoble-I University, France.
- DEA in Mechanical Geophysics - Grenoble-I University, France.
- Diploma: Civil Engineering, Damascus University

### Teaching and Academic activities:

[2001- Now] **Damascus University** - Damascus, Syria,

[9/2019- Now]: Head of Water Department

#### – Teaching courses :

##### Undergraduate:

- Teaching: Water Structures, Dams engineering, Integrated Water Resources Management, Pump Stations, fluid mechanics, Hydraulic and Soil Stability.
- Supervising Graduation Projects in the field of Water Structures, Dams design, Water Managements, pumping station design, etc.

##### Postgraduate:

- Teaching: Advanced Water Structures, Water Demand Management, Integrated Water Resources Management.
- Supervising Master Students in Dams and Hydraulic structures
- Participated in organizing several workshops and conferences at Damascus University.

[2013-2015]: **IUST private University** - Damascus, Syria, teaches: Water Structures, and Hydraulic.

[1995- 2001] **AL-BA'ATH University** - Homs, Syria,

- Teaching : Water Structures and Pump Stations
- Monitoring and Lab Training for Hydraulics
- Supervising Graduation Projects in Water structures and Dams.

## WORK EXPERIENCES

[2010-to Now]:

- Providing consultations to providing consultations to various engineering bodies (water supply networks, pumping stations, water treatment plants, and well equipment sewage networks slope stability etc.).
- Conducting a group of multiple training courses various engineering bodies (Watercad, Water Hammer, Water Supply System, Submersible Pump Maintenance and motor Rewinding, disaster risk reduction DRR, etc.).

[2013-2014]: Design project: Water Pumping unit GARMIAN University-Calar –IRAQ.

[2009-2010]: Study and Design, Water Network distribution and Sewage network for the new Campus of Sweada University, 30000m<sup>2</sup>, and (using Watercad software).

[2008-2018]: Consultant Engineer for Hospital Project 55bads. (KABAB hospital)

[2006-2008]: Supervening Sanitary and Sewage works – Faculty of Informatics Engineering - Damascus University (3000 m<sup>2</sup> building area)

[1995- 1996]: Military service - Syria, Department of Engineering Studies

## Computing

- Full operating knowledge of computer operating systems and proficient in Microsoft Office.
- Full operation knowledge of: AutoCAD, Geo-Slope. WaterCAD Water-hammer, WEAP etc.

## Languages

Arabic	French	English
Mother tongue	Excellent	Very Good

## Publications and books

- Ph. DELMAS, B. FARKOUH, Y. H. FAURE, A. NANCEY: "Long term behavior of a non-woven geotextile in a 21 year-old dam", First International Congress -Geofiltres'92, Karlsruhe-Germany, 1992.
- Y. H. FAURE, B. FARKOUH, A. EL AMIR, and P. GENDRIN: "Geotextile filter behavior with critical filtration conditions." First International Congress -Geofilters'92", Karlsruhe - Germany 1992.
- Y.H. FAURE, B. FARKOUH, "Long Term Behavior of Trench Drains in the Alps", Fifth International Conference on Geotextiles, Geomembranes and related Products, Singapore, September 1994.
- Y. H. FAURE, B. FARKOUH, Ph. DELMAS, A. NANCEY "Analysis of geotextile filter behavior after 21 years in Valcros Dam", Geotextiles and Geomembranes 17(1999) 353-370- ELSEVIER.
- M. Al-Muhammad, B. Farkouh "A Comparative Study between Pseudo-static and Dynamic Analysis in Seismic Safety for Rock, fill Dams, Virtual Model Case" Al-Baath University Journal Volume 83 No. 37 of 2016.

## University books

- A. Shaker, B. FARKOUH , W. Abu-EL-Sha’r “**Integrated Water Resource Management**” book 2006 - 350P, Damascus University – Tempus project.
- A. ZENO, B. FARKOUH, W. SIEF, “**Integrated Water Resources Management**” Damascus University - Book 2015 – 350Page.
- A-R.Houssian, Y. Mauri, B. FARKOUH, S. Muhammad “**Hydraulic Structure**” Damascus University- Book 2016 – 400Page.

## Training and Congresses

[1992] First International Congress Geofilters'92Karlsruhe - Germany

[1993] "Rencontres 93 Géotextile et Geomanbrane, Tour - France.

[1999] Rencontres 99 Géotextile et Geomanbrane, Bordeaux -France

[1999] High Level Scientific Stay in Geotechnical Laboratory, Grenoble, France, one month.

[2002] Training for trainer course” Integrated Water Recourse Management”, UNISCO Chair in Amdermann University - Sudan for one week.

[2005] Training course “Water Evaluation and Planning” in Stockholm 1 week.

[2009-2010] International Training Programmer in Regional Development in the Euphrates-Tigris Region, (one-year, Aleppo-Syria, turkey and Stockholm).

[2011, 2012] Consultant “Euphrates and Tigris Regional Economic Benefit Sharing Study’s”  
SIWI– Sweden

[2011-2015] Participate in EDUWAT TEMPUS Project “Development of a Modern Higher Education System for Water Engineering in Syria”.