

PERSONAL INFORMATION

Nidal ABURAJAB



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Sex Male | Date of birth 28/08/1981 | Nationality Palestinian

WORK EXPERIENCE

September 2004 – Present

Lecturer Surveying and Geomatics Engineering

Palestine Polytechnic University / Hebron / Palestine www.ppu.edu

- Teaching (Remote Sensing, GIS, Cartography, Photogrammetry, Surveying, Geology)

EDUCATION AND TRAINING

2012 – 2013

Master degree: Information Geographic (Université Paris-Est Marne-la-Vallée & École nationale des sciences géographiques – Paris / France)

Master thesis: Estimation the quality of Classification under ENVI (Forest degradation in Côte d'Ivoire) / Supervisor: Dr. Serge RIAZANOFF (Visio Terra company - Paris).

1999 – 2004

Bachelor of Science: Surveying & Geomatics Engineering Palestine Polytechnic University – Hebron / Palestine)

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	V.good	V.good)	V.good	V.good	V.good
French	V.good	V.good	V.good	V.good	V.good

Communication skills

- Team work: Erasmus+ project / PPU coordinator (**Virtual Reality** as an innovative and immersive learning tools for higher education in Palestine 2018 - 2021 / cooperation between several Palestinian and European universities.
- Team work: Working on project Forest degradation in Côte d'Ivoire / Visio Terra Company (Paris) for six months 2013.
- Team work: Working on project (A groundwater decision support system for optimal management of pumping and for groundwater quality protection (GDSS) (Palestinian-Dutch Academic Cooperation Program on Water - PADUCO) 2018 – 2019.
- Team work: Member of "The National Committee for Preparing the Standard Procedures Manual for Surveying Works in Palestine" 2018.

Organisational / managerial skills

- Coordinator of Surveying and Geomatics Engineering program / Palestine Polytechnic University.
- Leader (Exams Committee) at college of engineering / Palestine Polytechnic University.
- Project coordinator: Erasmus+ Tesla Virtual Reality project coordinator on behalf of PPU.

Job-related skills

- Excellent skill in spatial analysis and aerial images interpretation in GIS.
- Excellent skill working on Photogrammetry projects.
- Excellent skill working on Remote Sensing projects.
- Excellent skill working on Land surveying and ground water projects.

Computer skills

- Microsoft Office software.
- ENVI and SNAP Remote Sensing software.
- ArcGIS and QGIS software.
- Good programming in Python computer language.

Driving licence

Valid car license

ADDITIONAL INFORMATION**Publications**

- Spatio-temporal Analysis of the Infrastructures in Hebron District Using Remote Sensing and GIS/ 2nd International Conference on Civil Engineering – Bethlehem - Palestine / 24-25 November 2019.
- GIS Mapping of Ground Water Wells and Land Use Study of the Eocene Aquifer Zone in Palestine / 2nd International Conference on Civil Engineering – Palestine / 24-25 November 2019.
- VIRTUAL REALITY AS AN INNOVATIVE AND IMMERSIVE LEARNING TOOL FOR HEIS IN PALESTINE / 13th International Technology, Education and Development Conference (INTED) - Valencia, Spain / ISBN: 978-84-09-08619-1 / 11-13 March 2019.
- Côte d'Ivoire Post-Conflict Environmental Assessment / United Nations Environment Programme UNEP / 2015 / ISBN: 978-92-807-3461-4 / Member of the Remote Sensing team.

Presentations

- GIS @ Palestine Polytechnic University / Arab American University (Jenin) - Palestine / 24/5/2017.
- Photogrammetry in land surveying and mapping / Palestine Polytechnic University / 11/11/2015.
- Remote Sensing Theory & Applications / Palestine Polytechnic University / 12/11/2014.
- Open sources "Software and Data" for Geomatics Engineering / Palestine Polytechnic University / 28/10/2014.
- GIS and Remote Sensing in Disaster management / Palestine Polytechnic University / 29/9/2014.

- Projects**
- Erasmus+ project (**Virtual Reality** as an innovative and immersive learning tools for higher education in Palestine 2018 - 2021 / cooperation between several Palestinian and European universities.
 - Working on project (A groundwater decision support system for optimal management of pumping and for groundwater quality protection (GDSS) (Palestinian-Dutch Academic Cooperation Program on Water - PADUCO) 2018 – 2019.
 - Supervising graduation projects for BSc students:
 - ✓ Mapping and Analysis of Land Cover in West Bank / Palestine using Landsat and Sentinel Multispectral Imagery / 2017-2018.
 - ✓ Sustainable Planning of land and infrastructure in Hebron district using Remote Sensing and Geographic Information System / 2018–2019.
 - ✓ Land Cover Change & Environmental Impact Analysis in the Hebron District Using GIS & Remote Sensing / 2019-2020.
 - ✓ The effect of Separation Wall and Bypass roads on biodiversity: A case study in Bethlehem & Hebron / 2019-2020.
 - ✓ Spatio-temporal Analysis for Landuse/Landcover in Bethlehem District Using Remote Sensing and GIS / 2019-2020
 - ✓ Building a roads network for Bethlehem city using GIS / 2019-2020.
- Training**
- Several training courses on implication virtual reality in education (Greece – Romania – Slovakia – Palestine) as a part of Erasmus+ project / 2018 – 2019.
 - Short course on Remote Sensing with Special Emphasis on Digital Image Processing 2/1/2012-24/2/2012 in Indian institute for remote sensing IIRS (Dehradun - India).
 - Stay at University of Aachen RWTH (Aachen– Germany) at hydrogeology institute for training course in the field of hydrogeology from 1/7/2009 to 15/9/2009.
 - Preparing Budgets 1/5/2009-15/5/2009.
 - Writing proposals 1/6/2008 – 15/6/2008
 - Training course (GIS Application in Wastewater Management) Water Studies Institute (Birzeit University) Palestine 12-17/8/2006
 - Training on Geomedia Professional GIS software and ENVI Remote Sensing software at GCE company / Amman - Jordan 14/8/2005-14/9/2005.
 - Training for the package (Image Station Software / ZI-Imaging). Photogrammetric digital Stereo plotter ZI-Imaging Intergraph company / Aalen / Germany 21-25/2/2005
- Memberships**
- Jordanian Engineers Association / since 2005.
 - Association d'Échanges Culturels Hébron France / since 2015
- References**
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