

C.V.

Ahmed Mutasim Abdalla Mahmoud

Personal Information:

Place of Birth: Khartoum, Sudan	Date of Birth: 23/11/1991	Residence: Khartoum North- Western Shambat
Nationality: Sudanese	Marital Status: Single	Residence Status: Permanent
Mobile:+ 249922615997	Email:ahd_mutasim@hotmail.com	

Qualifications:

September 2013 **BACHELOR OF SCIENCE IN SURVEYING ENGINEERING**

B.Sc. (Honours) (First Class), Faculty of Engineering, University of Khartoum.

Work Experience as a teaching assistant from (20/9/2013- up to date), (University of Khartoum)

- GIS laboratory, Surveying Department, Faculty of Engineering, University of Khartoum, (September 2015- Up to date).
- Tutorials for different subjects (Engineering Surveying 1 and 2, Adjustment, Geometrical Geodesy, Astronomy, Cartography).
- Teaching surveying instruments and their applications (20/9/2013- Up to date).
- Adviser to the final year students in their projects, (20/9/2013- Up to date).

Projects with (University of Khartoum, 'UKCC, BRRI'):

- Surveying Engineer, Wad Madani Strategic Petroleum Station, consultancy project to study the Social and Environmental impacts along the whole route of the pipeline (14/3/2016-June 2016).
- Surveying Engineer, Wad Dafeaa Dumping Station, Topographic Survey for the station area (May 2016).
- GIS Specialist, Al Amarat Dwellings Project, A detailed study of the use of dwellings at Al Amarat, (June 2016- September 2016).

- **Work Experience as a Surveying Engineer from (29/10/2013- 27/11/2014), (Dams Implementation Unit)**
- GIS Basics Trainer, GIS Department, Dams Implementation Unit, (29/10/2013- 27/11/2014).
- GIS Engineer, responsible for preparing and analysing data and producing maps for water resources in Sudan, Atlas of ground and surface water in Sudan (September- November 2014).
- Field Surveyor, responsible for the acquisition and analysis of the topographic data, Moje and Salalab Streams Topographic Survey Project, Red Sea State (April 2014).
- GIS analyst for the following:
 - Spatial analysis for the impacts of Upper Atbara reservoir regarding the environmental and social aspects.
 - Upper Atbara resettlements projects.
 - Proposed Sefawa Doka Road project.
- Checking the DTMs and Contours that are produced by the French company (IGN) for all dams proposed or constructed in Sudan.
- (Optimum Site Selection), Port Sudan Water Pipeline study.
- Field Surveyor, Hydrographic Survey for (200km) from Sabaloka to Atbara, (A study of the impacts of the Grand Ethiopian Renaissance Dam).

Training Experience:

- Surveying Engineer, DAL Property Development Co.Ltd, (30/10/2012- 29/11/2012).
- Training in Topcon Instruments (Total Station, Digital Level, GPS and its Software), Octantis Company (15/1/2012- 22/1/2012).
- Surveying Engineer, Surveying Department, Musheirab Project – Sudan (3/9/2011- 29/9/2011).

Training Course:

- AutoCAD Course, Training Unit, University of Khartoum (29/4/2012 – 29/5/2012).

Skills and Competencies:

- Computer skills: Fully conversant with MS-Windows, MS-Office Applications Suite.
- Excellent knowledge of Arc GIS, ERDAS, Envi, AutoCAD and Global Mapper.
- Good knowledge of the open source of WhiteboxGIS, surfer, Photo Modeller Scanner and Matlab.

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