



# ABDULLAH AWADH AL-ASMARI

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## PROFILE

Survey Engineer, GIS Analysis and GIS Developer, Founder of Saudia XYZ platform, <http://www.saudia.xyz> with a demonstrated history of working in the management, Quality Control, Quality Assurance, Projects Management and Data Governance.

## EDUCATION

### **Bachelor Degree in Surveying Engineering | King Saud University (KSU)**

2005 – 2010

Certificate of Appreciation for Excellence in the Graduation Project “Distribution of educational services in the Kingdom of Saudi Arabia by (GIS)”.

## TRAINING

### **Survey Engineer | Saudi Bin Laden Group (SBG)**

2009 – 2010

Surveying Engineering Department, 10 weeks.

## EXPERIENCE

### **Geospatial Center Development Unit | General Commission for Survey (GCS)**

2019 – CURRENT

- Member of Apple Maps team to Study Apple's request to update Apple's electronic maps and create panoramic images with some international advisors such as Prof. Zaffar Sadiq Mohamed.
- Member of Geoportal Development Team to build national geoportal platform.
- Member of Data Governance Team with international Advisors such as Dr. Vanessa Lawrence, Mr. Gillies Albaredes, Prof. Richard Gibb, Dr. David Burggraf, Mr. Erik van der zee, Mr. Timothy Buckley.

### **GIS Developer and GIS Project Management | General Commission for Survey (GCS)**

2016 – 2019

- Preparing the Quantities table and schedule of payments for geographical names projects.
- Reviewing and verifying the deliverables of projects of geographical names.
- Reviewing and verifying the deliverables of Romanization work.
- Project Management for Geo-Names Projects Scale 1:25000.
- Romanization works.
- Participate to create a GIS application to collect geographic features on the Field by open source platform.
- Participate to Develop the Geographic Names Explorer website.

## **Surveying Engineer | General Commission for Survey (GCS)**

2012 – 2016

- Quality Control - Map Production Department.
- Data Capture Projects for 13 Regions in Kingdom of Saudi Arabia - Phase2 - Scale 1:25000 (MicroStation – ArcGIS).

## **Surveying Engineer | General Directorate for Military Survey (GDMS)**

2010 – 2012

- Data Capture – Riyadh Project – Aerial Survey Department
- Field Engineer – Riyadh Project – Field Edit Department



## **MEMBERSHIP**

### **Member | United Nations Global Geospatial Information Management for the Arab States (UNGGIM-AR)**

2019 – CURRENT

A representative of Saudi Arabia of the UNGGIM-AR.

- Participate to Develop the UNGGIM-AR Geoportal.
- Contribute to feed the UNGGIM-AR Geoportal with spatial data.

### **Member | United Nations Global Geospatial Information Management (UNGGIM)**

2019 – CURRENT

A representative of Saudi Arabia of the UNGGIM.

### **Member | General Commission for Survey (GCS)**

2019 – CURRENT

Member of General Commission for Survey Development Team – Data Governance.

### **Member | Project Management Institute (PMI)**

2018 – CURRENT

Accreditation Membership – No. 5160449

### **Member | General Commission for Survey (GCS)**

2017 – CURRENT

Member of Training and Scholarship Committee

- Build free Learning Management System (LMS) for General Commission for Survey employees.
- Training the Students of King Saud University.
- Training the Students of Princess Nourah bint Abdulrahman University.
- Training the employees of General Commission for Survey.
- Preparing training materials for General Commission for Survey employees and students.
- Preparing and reviewing conferences and training courses for employees of the General Commission for Survey.

### **Professional Engineer | Saudi Council of Engineering (SCE)**

2010 – CURRENT

Accreditation Membership – Professional Engineer, No. 23993



## CERTIFICATES

- **ESRI Certificates**

- **ESRI Courses (Development)**

- Putting ArcGIS to Use Across Your Organization, Riyadh, KSA, Sep 2019
    - Introduction to Geoprocessing Scripts Using Python, Sharjah, UAE, Sep 2014
    - Creating effective Web Applications Using ArcGIS Server, Sharjah, UAE, Sep 2014
    - Building Web Applications Using API for Microsoft Silverlight, Sharjah, UAE, Sep 2014
    - Building Web Applications Using the ArcGIS API for JavaScript, Sharjah, UAE, Sep 2014
    - Configuring and Managing the Multiuser Geodatabase, Sharjah, UAE, Sep 2014
    - ArcGIS 4: Sharing Content on the Web, Sharjah, UAE, Sep 2014

- **ESRI Courses (Advance)**

- Creating and Analyzing Surfaces Using ArcGIS Spatial Analyst, Sharjah, UAE, May 2014
    - Geoprocessing Raster Data Using ArcGIS Spatial Analyst, Sharjah, UAE, May 2014
    - ArcGIS 3: Performing Analysis, Sharjah, UAE, May 2014
    - Data Management in the Multiuser Geodatabase, Sharjah, UAE, May 2014
    - Editing Data with ArcGIS for Desktop, Sharjah, UAE, May 2014
    - Designing Maps with ArcGIS, Sharjah, UAE, May 2014

- **ESRI Courses (Desktop)**

- Working with CAD Data in ArcGIS Desktop, Sharjah, UAE, Mar 2014
    - Managing Imagery Using ArcGIS, Sharjah, UAE, Mar 2014
    - Building Geodatabases, Sharjah, UAE, Mar 2014
    - ArcGIS Desktop I & II and Essential Workflows, Sharjah, UAE, Mar 2014
    - GIS Concept & Introduction to Geodesy, Sharjah, UAE, Mar 2014
    - Building Geodatabases, Dubai, UAE, May 2013
    - Quality Control Using ArcGIS Data Reviewer for Desktop, Dubai, UAE, Nov 2012
    - Data Editing with Esri Production Mapping, Dubai, UAE, Nov 2012

- **Other Courses**

- Smart Cities, Dar Al Riyadh, KSA, Oct 2018
  - Advanced English Course at Bell School – Cambridge, United Kingdom, Aug 2018
  - Primavera 6, Riyadh, KSA, Jan 2018
  - Project Management Professional (PMP), Riyadh, KSA, Jan 2018
  - English Course at INTO University of Stirling – Stirling, United Kingdom, Jan 2017
  - Introduction to FME Server, Sharjah, UAE, Sep 2014
  - Terrago Courses, Sharjah, UAE, May 2014
  - FME Desktop, Sharjah, UAE, May 2014
  - Trimble TerraSync Software & GPS Pathfinder Office Software, Sharjah, UAE, Mar 2014
  - ArcPAD & Field Data Collection Concepts, Sharjah, UAE, Mar 2014
  - LiDAR Basic Overview, Riyadh, KSA, Jan 2013
  - Satellite Image Mapping, Riyadh, KSA, Dec 2012
  - Aerial Photogrammetric Systems, Riyadh, KSA, Nov 2012
  - International Computer Driving License (ICDL), Riyadh, KSA, Jul 2010



## ACTIVITIES

### CEO & Founder | Saudia XYZ

Free Learning Management System (LMS) through a website and mobile applications, providing educational services such as books, researches and videos, as well as displaying the most important news and events.

Build SGIS Geoportal (Content Management Systems) to manage geospatial data and producing maps digitally, also to provide the following services:

- **Spatial Data Discovery**

“Browse and search for geospatial data”

- By combining collaboration found in social networks with specialized geospatial tools, SGIS Portal makes it easy to explore, process, style, and share maps and geospatial data.
- Spatial datasets can be imported and shared, all through a non-technical user interface.

- **Import and Manage**

“Upload and share geospatial data, securely”

- SGIS Portal makes it easy to upload and manage geospatial data on the web. Any user can upload and make content available via standard OGC protocols such as Web Map Service (WMS) and Web Feature Service (WFS).
- Data is available for browsing, searching, styling, and processing to generate maps which can be shared publicly or restricted to specific users only.
- Supported upload formats include shapefile, GeoTIFF, KML and CSV. In addition, it is possible to connect to existing external spatial databases and services.

- **Interactive Mapping**

“Create and share interactive web maps”

- SGIS Portal comes with helpful cartography tools for styling and composing maps graphically. These tools make it easy for anyone to assemble a web-based mapping application with functionality traditionally found in desktop GIS applications.
- Users can gain enhanced interactivity with GIS-specific tools such as querying and measuring.



<http://www.saudia.xyz>





## PERSONAL PROJECTS:

Many web applications and mapping projects have been created and implemented:

- **For Education:**
  - Build an educational school explorer application.
- **For tourist places:**
  - Build a tourist places explorer application.
  - Build a desert map explorer application.

To view these projects, please visit the website: <http://saudia.xyz>



## SKILLS

GIS skills.

GIS Development.

Open Source Development.

Web Development.

PostgreSQL.

Geoserver.

Image Processing

Panoramic Photography

Quality Control.

Project management skills.

Development skills.

Governance Data.

Teamwork.

Leadership.

Hardwork.

Drone Pilot



## REFERENCES

Available upon request.

