Curriculum Vitae

PERSONAL INFORMATION

Name	Abdulsalam A. A. AL-BUKHARI
E-mail	a.albukhari@omu.edu.ly
Date and place of birth	25July1985, Al Kufrah– Libya
Nationality	Libyan
Marital Status	married
Permanent address	Aleuruba street, Al Bayada – Libya
Telephone (mobile)	+218 – 923180951

QUALIFICATIONS

September 2015- February 2019

Ph.D. in Data, Risk and Environmental Analytical Methods: (The Use of Remote Sensing and GIS for Monitoring Rangeland Degradation in Libya**)** Cranfield University – United Kingdom.

April 2008 – August 2010

M.Sc. in Environmental Sciences – Range Ecology

Faculty of Natural Recourses and Environmental Sciences, Omar Al-Mukhtar University, Al Bayada – Libya.

October 2003 – July 2007

B.Sc. in Natural Resource and Environmental Sciences

Faculty of Natural Recourses and Environmental Sciences, Omar Al-Mukhtar University, Al Bayada – Libya.

WORK EXPERIENCE

May 2019 – Present

Assistant Professor of rangeland and geospatial science

Department of Forestry and rangeland, Faculty of Natural Resources and Environmental Sciences, Omar Al-Mukhtar University, Al Bayada, Libya.

February 2022 – Present

Head of the Geographical Information Systems Unit

Geographical Information Systems Unit, Omar Al-Mukhtar University, Al Bayada, Libya.

August 2021 – Present

Coordinator of electronic publishing and scientific journals

University website team**,** Omar Al-Mukhtar University, Al Bayada, Libya.

December 2011 – March 2013

Deputy Minister

Ministry of Agriculture, Animal and Marine Wealth, National Transitional Council (NTC), Tripoli – Libya

main responsibilities include supervision of the following:
- Department of Human Resources,
- Department of Livestock Management,
- National Veterinary Center,
- National Center for Agricultural Disease Prevention and Quarantine,
- Documentation and Information Center,
- Agricultural Police,
- Range Development Project.

November 2010 – November 2011

Assistant Lecturer

Faculty of Natural Recourses and Environmental Sciences, Omar Al-Mukhtar University, Al Bayada – Libya

February 2008 – November 2010

Teaching Assistant

Faculty of Natural Recourses and Environmental Sciences, Omar Al-Mukhtar University, Al Bayada – Libya

RESEARCH AND SCHOLARLY ACTIVITY

Ph.D. Thesis (2019)

The use of remote sensing and GIS for monitoring rangeland degradation in Libya- Cranfield University – United Kingdom.

M.Sc. Thesis (2010)

Effect of Protection from Grazing on Perennial Vegetation Cover and Soil at Mislagun Area, Southern Jebel Al-Akhdar, Libya

Conference Paper

- *Strategies to improve water-use efficiency on the southern rangeland slopes of Al Jebel Al Akhdar, Cyrenaica – Libya* co-presented with Dr. Brien Norton at the Water Recourses of Al Jebel Al Akhdar Conference, June 5-7, Omar Al-Mukhtar University, Al Bayada – Libya.

- Al-bukhari, A., Hallett, S. Brewer, T. Vegetation index evaluation for assessing rangeland vegetation coverage in eastern Libya. This poster was presented at the annual conference of remote sensing and photogrammetry society in Nottingham University. (2016). Conference poster

- Al-bukhari, A., Hallett, S. & Brewer, T. A review of potential methods for monitoring rangeland degradation in Libya. *Pastoralism* 8, 13 (2018). https://doi.org/10.1186/s13570-018-0118-4

Article Paper

- Zurqani, H. A., A. Al-Bukhari., and Shanta M. B. (2022) Application of remote sensing and GIS in land cover/land use mapping and change detection using Google Earth Engine platform: a case study in northwestern Libya. Editing in Environmental Applications of Remote Sensing and GIS in Libya, by Zurqani, H. A. Springer Nature.

	- Al-Bukhari., A., T., Brewer, and S., Hallett. (2022) Evaluation of selected vegetation indices to assess rangeland vegetation in eastern Libya. Editing in Environmental Applications of Remote Sensing and GIS in Libya, by Zurqani, H. A. Springer Nature.
	- Zurqani, H. A., A. Al-Bukhari., A. O. Aldaikh., K. I. Elfadli., and A. Bataw. (2022) Geospatial mapping and analysis of the 2019 Flood Disaster extent and impact in the city of Ghat in southwestern Libya using Google Earth Engine and deep learning technique. Editing in Environmental Applications of Remote Sensing and GIS in Libya, by Zurqani, H. A. Springer Nature.
Journal Membership	- Editorial Board of Al-Mukhtar Journal of Sciences.

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

- Founding member of the Libyan Association for Human Development.
- Founding member of the Libyan group environment.
- Member of the Africa Society for the care of orphans.
- Member of the Assembly and the fulfillment of the Relief and Development.
- Honorary member of the Society for Environment and Balagraa of Antiquities and Tourism.
- Australian Rangeland Society
- The Society for Range Management
- Society for remote sensing and photogrammetry

LANGUAGE

Languages	- Arabic - mother tongue - English - CEFR level: B2 - Advanced levels of using computer - Geographical Information Systems (ERDAS, ENVI, ARCGIS, QGIS) - Adapt fully to work in a team. - Able to perform under pressure at work - Able to build good relations, constructive social occasions.

TRAINING COURSES, WORKSHOPS AND CONFERENCE

WORKSHOPS

- Big Data Technical Workshop	28/11/ - 02/12/2016, STFC Hartree Centre, Warrington, UK.
- Idea to Impact (i2i)	12 - 17/12/2016, CMRI B38, Cranfield University, UK.
- Enviro Info Hackit	16 - 20/01/2017, Birmingham, UK.

- ERDAS Land Cover Analysis Training course	29-30th June 2016, Sterling Geo, Reading, UK.
- Access and use of large multi-temporal datasets workshop	05/09/2016 at Nottingham University, UK.
- Understanding environmental risk and the ways it can be addressed and mitigated:	11th-15th July 2016 at Cranfield University, UK.
- The best way to manage the strategies, priorities and communication of flood defence measures in the East Anglian region:	03-08 Sep 2017 at Birmingham University, UK.
- Esri UK Annual Conference.	17 May 2016 in London.

TRAINING COURSES

- Introduction to Analysis in ArcGIS Pro
- A beginner's guide to the ArcGIS Online analysis tools
- What's New in the ArcGIS Platform
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- Get the most from your data, developers and data scientists using Big Data spatial analysis on Hadoop
- Smart Mapping: How to create stunning maps
- Keeping Up to Date in Your Field
- Improving Your Employability: Leaders for Life
- Using Mendeley To Manage Your References
- Using What You Read in What You Write
- Writing A Literature Review
- Applying Systems Thinking to Your Research
- Referencing and Avoiding Plagiarism
- Search Strategy for Systematic Literature Review
- Searching the right journal with impact factor
- Discovering Quality Information
- Visualising & Presenting Your Data
- SPSS: Data analysis with SPSS
- WebEx: Schedule and manage online meetings
- Sharing Information through Web Applications
- Project: Creating a simple project plan

- Visio: Creating diagrams
- Access: Essentials
- Excel: PivotTables
- Excel: Analysing data
- Excel: Essentials
- Word: Essentials

Modules   *Cranfield university*

Environmental Risks and Hazards   **12-16 Oct 2015**

GIS Fundamentals   *26-30 Oct 2015*
Image Processing and Analysis   *23-27 Nov 2015*
Physical Principles of Remote   *23-27 Nov 2015*
Sensing
Spatial Data Management   *6-10 Feb 2017*
Environment Resource Survey   *23-27 Jun 2017*
Advanced GIS   *9-13 Jun 2017*