**Personal attributes**

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| Yusra Al-husban**: Professor, Department of Geography**  **The University of Jordan, Amman**  **Tel: 00962-6-5355000**  **Ext: 24971.Email: y.alhusban@ju.edu.jo**  **Website**: [www.ju.edu.jo](http://www.ju.edu.jo/)  **Number in the national database**: 6185   1. URL;The ORCID iD [https://orcid.org/0000-0003-3522-5149](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Forcid.org%2F0000-0003-3522-5149%3Flang%3Den&data=05|01|y.alhusban%40ju.edu.jo|46715576cf1140e0505e08dade6d5ecc|05405dba373c4e20a30e3e6fcf507cfe|0|0|638066858567088005|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D|3000|||&sdata=yDnYoTFPBEto628H%2FbSD4BK5j8%2FJEwVPBEbQgkaM%2BxI%3D&reserved=0)      1. **URL;linkedin** <https://www.linkedin.com/in/yusra-al-husban-672467109/>URL;Google Scholar Citation [https://scholar.google.com/citations?view\_op=view\_citation&hl=en&user=DXMztdMAAAAJ&citation\_for\_view](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=DXMztdMAAAAJ&citation_for_view=DXMztdMAAAAJ:4DMP91E08xMC)      1. **URL; Scopus ID** <https://www.scopus.com/authid/detail.uri?authorId=56463032700>      1. **URL; Research gate** <https://www.researchgate.net/profile/Yusra-Al-husban>      1. **URL; Web of Science Clarivate** <https://www.webofscience.com/wos/author/record/AAO-8854-2021>      1. **Research.ID**: rid40638 |

[=](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=DXMztdMAAAAJ&citation_for_view=DXMztdMAAAAJ:4DMP91E08xMC)

**Qualifications**

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| 2003 | **The University of Jordan** | Physical Geography | PhD |
| 1996 | **The University of Jordan** | Physical Geography | M.A |
| 1993 | **The University of Jordan** | Geography | B.A |
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| **PH.D Degree in Physical Geography**  Geomorphology,(Landforms) Climate Change, Arid land, Applications of GIS and RS | **Specialty and Research Interests:** |

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| **Title and abstract of PHD thesis** |

**Changing Natural Environments in Sweimeh Area and its Impact on Human** Activates **(1953-2000).**

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| **Abstract of PHD thesis** | |
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| This study discussed the issue of the change of the natural environments in Sweimeh area,caused by human activates during the period 1953-2000,with the aim to highlight and evaluate the types of these changes to natural  environment elements, relying the following methods;   1. Analysis of non-colored aerial photographs (white black) measuring 1:25000 that covered the study area in the year 1953. 2. Two Landsat 5 satellite images for 1999 and 2000; these images were processed using GIS.   3.Inserting various layers to ARC view 3.1 Program and produsing digital maps with their final shape,where the digital maps and attribute data were linked.  However the study results were as follows:   * A change in land forms as a results of the decline of the Dead Sea level for about 22m. * Deepening of all wadis draining towards the Dead Sea . * Drainage networks adjustment to this decline through renewed erosion activity or what is known as the - | |
| rejuvenation, and consequently a change in the geometric characteristics of the drainage networks as results of  natural factors of dry climate, in addition to the human and political factors represented by the conflict over water between the riparian of the Dead Sea basin (Lebanon, Syria, Palestine, Israel , Jordan), from its upper and lower tributaries.  - The Dead Sea has revealed a newly exposed area that has become dangerous (Sinkholes). |  |

**Professional Work**

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| --- | --- | --- |
| 2009/2008 | University of Hail / Saudi Arabia | Assistant Professor of Geography |
| 2010-2009 | The University of Jordan – Jordan. | lecturer |
| 2015/2010 | The University of Jordan – Jordan. | Assistant Professor of Geography |
|  | The University of Jordan – Jordan. | Assistant Dean for Quality Assurance |
| .....2015/8/17 | The University of Jordan – Jordan. | Associate Professor |
| 2020-08-17 | The University of Jordan – Jordan | Professor |

Publication*s*

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| --- | --- | --- |
| Title and details |  | Author |
| Assessment of potential flash flood hazards. Concerning land use/land cover in Aqaba Governorate, Jordan, using a multi-criteria technique,**The Egyptian Journal of Remote Sensing and Space Sciences 26 (2023) 17–24.** | AL-Taani,A., A l-husban Y. and Farhan.I | |
| Land suitability evaluation for agricultural use using GIS and remote sensing techniques: The case study of Ma’an Governorate, Jordan.  **The Egyptian Journal of Remote Sensing and Space Sciences 24 (2021) 109–117.** | Al-husban Y. | |
| Urban expansion and shrinkage of vegetation cover in Al-Balqa Governorate, the Hashemite Kingdom of Jordan, 2019,**Environmental Earth Sciences, N.78, 20,**Springer, | Alhusban Y., | |
| Accounting for Level Decline in the Dead Sea: Land Use and Land Cover Changes, 1984-2015, **The Arab World Geographer***,* Publishing, Toronto Canada Vol 20, no 4 (2017),p 317-329. | Alhusban Y., and Nazeeh Almanasyeh | |
| Spatial distribution of Playa basins in Al –Azraq depression/in Jordan, and their relation to Physical factors, **Al-Hussein Bin Talal University journal of Research**, 2019, Unpublished. | Alhusban Y., | |
| The Analysis of the Geomorphometric and Landforms of Sarhan Basin,in Jordan,**Dirasat, Human and Social Sciences**, Deanship of Scientific Research,Volume 45, No. 4, Supplement 1, 2018,P453-467. | Alhusban Y., | |

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| Analysis of Drought Periods in the Zarqa basin, Using Standard Precipitation  Index (SPI) and Geographic Information System (GIS) during 1984-2015, 2018  **J**ordan Journal of Social Sciences،Deanship of Scientific Research,V. 11, N. 2.  P183-198. (In Arabic). | Alhusban Y.,*and, Zughoul*  *Maysoon* |
| Landforms Classification of Wadi Al-Mujib Basin in Jordan, based on  Topographic Position Index (TPI), and Floods forecasting map, **Dirasat, Human and Social Sciences**, Deanship of Scientific Research,2019,Volume 46, No. 3, P44-56. | Alhusban Y., |
| Inverse Distance Weighting (IDW) for Estimating Spatial Variation of  Monthly and Annually Rainfall in Azraq Basin during the monitor Period (1980-2016), **Al-Hussein Bin Talal Universuty journal of Research,**V.3 N.2.(2017),P361-374. | Alhusban Y., |
| Analysis of Drought Patterns in Azraq Depression (AD), During the Period (1984-2016), **International Journal of Applied Environmental Sciences,** Volume 12, Number 2 (2017), p. 341-358. | Alhusban Y., and *Zughoul*  *Maysoon* |
| Comparison of Accuracy of Two Global DEMs, and the Extracted DEM from the Topographic Map of the Tafilah Governorate**. Journal of Earth Science**  **and Engineering**,**David Publishing,** 7 (2017),P 230-241. | Alhusban Y., |
| Meandering and Land Use/Cover Change Detection in the Lower Jordan  River, 1984–2016, Using GIS and RS, **Environmental Research, Engineering and Management,** Kaunas University of Technology, (2018),/74/2,P.34-51. | Alhusban Y., |
| Analysis of Morphometric Parameters of Wadi Araba Basin Using GIS and DEM, **International Journal of Applied Environmental Sciences,** Volume 10, Number 5 (2015), P. 1811-1824. | Alhusban Y., and Zeyad  Makhamerah |
| Topographic Characteristics and Estimation of the Quantity of Water  Harvesting in Al-Jafer Depression,2019, Journal of Arts and Social Sciences [JASS]  Deanship of Scientific Research, Unpublished. | *Zughoul Maysson and* Al-husban  Y., |
| Risk Assessment of Sand Dune Hazards for Land Use/Land cover (LULC) in  Ma’an Governorate/Jordan, OPCIÓN, AÑO 34,  ESPECIAL NO.24. (2019) BOLIVARIAN REPUBLIC OF VENEZUELA UNIVERSITY OF ZULIA. | AL-Taani,A., and Al-husban Y., |
| Book:  Geography of Jordan, 2014(Co-author). |  |

**Conferences**

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| --- | --- | --- |
| Paper: entitled: Inverse Distance Weighting (IDW) for estimating Spatial Variation of  Monthly and Annually Rainfall in Azraq Basin During the Period (19802016). | Amman/12-14 Sep/2017 | First International Conference on Geospatial Information management:  Planning for the Future /  The Royal Jordanian Geographic Centre,  Amman, Jordan |

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| **Ph.D. Level** | **M.A. Level** | **B.A. Level** | **Teaching Courses** |
|  |  |  | Geomorphology of Drainage  Basins |
|  |  |  | Geomorphological Processes |
|  |  |  | Principles Of Cartography |
|  |  |  | Geomorphology |
|  |  |  | Arid Lands Geography |
|  |  |  | National Culture |
|  |  |  | Introduction To Geography |
|  |  |  | Geography Of Jordan |

Memberships

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| --- | --- |
| 2019 | Qatar National Research Fund (QNRF)  [**www.qf.org.qa**](https://mail.ju.edu.jo/owa/redir.aspx?C=PDwBzefxCPW70QronWLUQwqoi6RGtjc9VwmbOUm5vWZEVLAihe7WCA..&URL=http%3a%2f%2fwww.qf.org.qa%2f) |
| 2019 | **Reviewer for (ISI) Journal**  **International Journal of River Basin Management**  [**link: https://mc.manuscriptcentral.com/jrbm?URL\_MASK=098d**](https://mail.ju.edu.jo/owa/redir.aspx?C=_NGXbmtJbUakebbkpxDHg9YbUm_QUq-yvW5azR48cxmxwzLffXHXCA..&URL=https%3a%2f%2fmc.manuscriptcentral.com%2fjrbm%3fURL_MASK%3d098d1d81fe564a189e3a635db5fba770)  [**1d81fe564a189e3a635db5fba770**](https://mail.ju.edu.jo/owa/redir.aspx?C=_NGXbmtJbUakebbkpxDHg9YbUm_QUq-yvW5azR48cxmxwzLffXHXCA..&URL=https%3a%2f%2fmc.manuscriptcentral.com%2fjrbm%3fURL_MASK%3d098d1d81fe564a189e3a635db5fba770) |
| 2014 | Association of Jordanian Academies |