



## Personal Information

<b>Name</b>	<b>Ali Hasan Dawod Anbar</b>
<b>Place and date of birth</b>	<b>Aqbat Jaber 15/11/1952</b>
<b>Faculty</b>	<b>Arts</b>
<b>Department</b>	<b>Geography</b>



## Contact Information

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<b>Research Gate</b>	<a href="https://www.researchgate.net/profile/Ali_Anbar">https://www.researchgate.net/profile/Ali_Anbar</a>
<b>Google Scholar</b>	<a href="https://scholar.google.com/citations?user=UM5W4MoAAAAJ&amp;hl=e">https://scholar.google.com/citations?user=UM5W4MoAAAAJ&amp;hl=e</a>
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/ali-hasan-anbar-956aa75b/">https://www.linkedin.com/in/ali-hasan-anbar-956aa75b/</a>
<b>Researcher Number in the National Data Base</b>	<b>9439</b>

## Qualifications

<b>Qualification</b>	<b>Specialization</b>	<b>University of donor rank</b>	<b>Date</b>
B. A	Geography	University of Jordan	1975
PhD	Geography	University of Southampton, UK.	1983
Diploma	Management of Human Resources	University of Jordan	2010



### Specialization and Domain of Interest

<b>General Specialty</b>	<b>Economic Geography.</b>
<b>Specialization</b>	<b>Geography of Agriculture, Rural Development, and Rural Land Use.</b>
<b>Domain of Interest</b>	<b>Development Planning, Political Economy, Irrigation, Agrarian Reform, Climate Change, Urbanization, Economic and Political Geography of the Middle East.</b>

<b>Title and Abstract of the Doctoral Thesis (within 150 words)</b>
<p style="text-align: center;"><b>Socio– Economic Aspects of the East Ghor Canal Project, Jordan</b></p> <p>The Jordan Valley has been characterized by irrigated farming for many years but the East Ghor Canal Project represents the first stage of the most recent development. This study examines some of the changes which have occurred in the project since its initiation over two decades ago. The socio–economic changes are seen partly through the continuing adjustment of cropping patterns which are analyzed at both block and farm level. These are the results of several influences including a greater and more reliable supply of water, new crop marketing opportunities, a reformed land tenure system a developing infrastructure of farm co–operatives, a farmers’ association and extension services to provide supplies, credits and other assistant to farmers.</p> <p>This study uses a sample of over 350 farmers in the project to establish their general characteristics and to statistically test farmer–farm relationships in attempt to better understand farmer behavior, particularly with regard to their use of elements of the evolving infrastructure. Several spatial variations are found in the socio– economic characteristics of farmers and their farming behavior. Some of these show that farmers in the earlier developed northern blocks of the project, with its better environment for irrigated farming, tend to behave differently from those of the more recently, poorer and more arid in the south. Many of these spatial variations are, however, complex and not easily explained. The study ends with a nine–fold grouping of the sampled farmers based on a wide range of socio–economic variables.</p>



### Career Experience

Job Title	Place of Work	Date
Professor	Department of Geography, University of Jordan.	4/1/2021
Associate Professor (A)	Department of Geography, University of Jordan.	4/6/2020.
Associate Professor (B)	Department of Geography, University of Jordan.	12/27/2010.
Assistance Professor (A)	Department of Geography, University of Jordan.	24/4/2002
Assistance Professor (B)	Department of Geography, University of Jordan.	7/10/1984
Full Time Lecturer	Department of Geography, University of Jordan.	4/2/1984

### Administrative Works

Vice Dean for Administrative , Financial Affairs and Head of Geography Department	University of Jordan	2/10/2022
Vice Dean for Administrative Affairs	University of Jordan	15/9/2021-1/10/2022
Head of Geography Department	University of Jordan	18/9/2011-9/9/2012
Assistant Dean for Administrative Affairs	University of Jordan	6/12/2009-4/9/2010
Assistant Dean for Administrative Affairs	University of Jordan	7/9/2008- 5/12/2009
Assistant Dean for Administrative Affairs	University of Jordan	9/9/2007- 6/9/2008
Assistant Dean for Administrative Affairs	University of Jordan	9/9/2006- 8/9/2007
Assistant Dean for Administrative Affairs	University of Jordan	18/9/2005- 9/9/2006
Assistant Dean for 1st Year Student Affairs	University of Jordan	1/2/2009- 6/12/2009
Vice- Warden in Montefiore House Student Hall of Residence	University of Southampton, UK.	Sep. 1979-Sept.1982

### Committees and Duties

Committee Membership (department, college, university, community).	Date
Chairman of the Geography Department Council	(2011/2012, 2022/2023)
Assistant Dean for Administrative Affairs	(2005-2010)
Assistant Dean for 1st year student Affairs	(2009/2010)
Secretary of the Faculty Council	(2005/2006)
Member of the Faculty Board	(Ten years).



Member of the Administrative and Organizational Committee of the International Conference on Knowledge Dialogue of Ethics / Financial Officer of the Conference	2009/2010
Member of the committee writing the book on economic geography for the first year of secondary school	(1994/1995)
Member of the committee authoring the Encyclopedia of Islamic Civilization	(1989/1990)
Member of the university's strategic plan.	(2011/2012)
Member of the steering committee at the university for teaching national culture.	(2018/2019)
Member of the Graduate Studies Committee in the Faculty of Arts.	(2011/2012)
Member of the Department's Graduate Studies Committee.	(1989,1988,2012,2013)
Member of the Graduate Studies and Scientific Research Committee in the department.	(1988/1991)
Member of the Geography Department Council	(1984-2022)
Member and reporter of the cultural and scientific activities committee in the department).	seven years
Member of the plan committee in the geography department.	several years
Member of thesis discussion committees	eighty-three theses
Representative of the faculty in the Central Bidding Department.	(2005-2010)
Representative of the college in the General Supplies Department.	(2005-2010)
Secretary of the Department Council	(More than ten years).
Secretary of the Social Committee in the college.	(2008/2009, 2009/2010)
Secretary of the Standards Committee in the Faculty of Human and Social Sciences	(2005-2008).
Secretary of the Standards Committee at the Faculty of Arts	(2008-2010).
Secretary of the Technical Committee for Procurement of the Faculty of Human and Social Sciences	(2005-2008).
Secretary of the Technical Committee for Procurement of the Faculty of Arts	(2008-2010).
Academic advisor for postgraduate students in the Department of Geography.	2011/2012



Coordinator of research and discussion sessions in the department	(Three years).
Coordinator of an introduction to geography.	(2011,2012,2014,2015).
Member of the committee for receiving and checking exam results in the department	(Every year).
Secretary of the Committee for Graduate Studies and Scientific Research in the Department of Geography	(2011/2012)
Secretary of the Quality Assurance Committee in the Geography Department.	(2010-2011)
Reporter of the Social and Cultural Committee in the department 2013/2014).	(2013/2014)
Academic advisor for fourth-year students	(Eight years).
Coordinator of "Geography of Jordan"	(2011/2012).
Secretary of the Administrative Committee in the department	(2014/2015).
Member of the Committee to consider the application for appointments in the department	(2018/2019).
Member of the Supervisory Committee for Student Council elections	(Every year).
Member of the committee to audit the examination results in the faculty	(Every year).
Member of the committee for receiving and checking exam results in the department	(Every year)
Chair of the Postgraduate Students Discussion Committee (the supervisor).	(1987-1991)
A member of the postgraduate students' theses and theses discussion committee.	Many Years
Part-time faculty member at Prince Al Hussein bin Abdullah II Academy for Civil Protection to teach the subjects of: principles of climate and changes, and agriculture in Jordan	(2012-2015)
Part-time faculty member at the University of Petra to teach "Geography of the Arab World"	(1995-2000).
Member of the Royal Society for the Conservation of Nature.	2020



## Publications

### A) Articles

Name of Researcher(s)	Research Title, Publisher & Date
Amer Maslamani <b>Ali Hasan Anbar</b>	Spatial Analysis of Public Hospitals and Medical Centers in Greater Irbid and Assessment of their Service Sufficiency, <b>Al Najah University Journal (Humanities)</b> , vol.37(1), 2023, 1-28 <i>(In Arabic)</i> .
Amer Muslimani <b>Ali Anbar</b> Ammar Muslimani	The level of Efficiency of Government Health Services in Greater Irbid from the Point of view of its Auditors, <b>Jerash for Research and Studies</b> , 2022, Vol.23, No.2B, 4861-4903. <i>(In Arabic)</i>
J. Abu-Qubu, O. Rimawi, <b>A. Anbar</b> , T. Alebous, Z. S. H. Abu-Hamatteh	Hydrochemistry of the Mixed Dead Sea-Red Sea Water under Different Impoundment Scenarios as a Time Dependent State, <b>Journal of Geoscience and Environment Protection</b> , 2022, 10, 94-108
<b>Ali H Anbar</b> ,	Agricultural Patterns in Jordan: a new analytical approach, <b>Fresenius Environmental Bulletin</b> , vol.29, no.12 Dec., (2020), pages:11006-11016.
<b>Ali H Anbar</b> , Twafiq M Al Antary, Jamal Sawwan, Hamza Khawaldah, Nidal Alzboun, Majdoulin Abu- Dalhoum	Changing Rainfall Trends and the Impacts on Cereal Farming in Jordan, <b>Fresenius Environmental Bulletin</b> , vol.29, no.12 Dec., (2020), pages: 10980-10996.
<b>Ali H Anbar</b> , Omar Remawi, Twafiq M Al Antary, Jamal Sawwan	Climate Change and its Impact on Rainfall and Groundwater Resources in the Northern <i>Badia</i> of Jordan, <b>Fresenius Environmental Bulletin</b> , vol. 29, no.11, Nov., (2020), pages: 10294-10310.
<b>Ali Hasan Anbar</b> , Numam Shehadeh.	Climate Models and Climate Change in the Eastern Mediterranean Basin, <b>An-Najah University Journal for Research - A (Natural Sciences)</b> , Volume (34), Issue (1), pp. 77-110, February, 2020, <i>(in Arabic)</i> .
Yahya Farhan, Dalal Zreqat <b>Ali Anbar</b> , Sireen Alshswarmeh.	Prioritization of W. <i>Mujib</i> Catchment (South Jordan) through Morphometric and Discriminant Analysis, GIS, and RS Techniques, <b>Journal of Geoscience and Environment Protection</b> , 2018, 6, 141-171.
Yahya Farhan, <b>Ali Anbar</b> , Nisreen Al-Shaikh.	Prioritization of Sub-Watersheds in a Large Semi-Arid Drainage Basin (Southern Jordan) Using Morphometric Analysis, GIS, and Multivariate Statistics, <b>Agricultural Sciences</b> , 2018, 9, 437-468.
Yahya Farhan, <b>Ali Anbar</b> , Dalal Zreqat, Sireen Alshawamreh.	Prioritization of Promising Wadi <i>Wala</i> Watershed (Southern Jordan) Using GIS-Based Morphometric Analysis and Multivariate Statistics. <b>Open Journal of Geology</b> , 2018, 8, 135-160.



Yahya Farhan, <b>Ali Anbar</b> , Nisreen Al-Shaikh, Rami Mousa	<i>Prioritization</i> of Semi-Arid Agricultural Watershed Using Morphometric and Principal Component Analysis, Remote Sensing, and GIS Techniques, the <i>Zerqa</i> River Watershed, Northern Jordan, <b>Agricultural Sciences</b> , 2017, 8, 113-148.
Yahya Farhan, <b>Ali Anbar</b> , Omar Enaba, Nisrin Al-Shaikh.	Quantitative Analysis of Geomorphometric Parameters of <i>Wadi Kerak</i> , Jordan, Using Remote Sensing and GIS. <b>Journal of Water Resource and Protection</b> , 2015, 7, 456-475.
Yahya Farhan, Dalal Zreqat, <b>Ali Anbar</b> .	Assessing Farmers' Perception of Soil Erosion Risk in -Northern Jordan. <b>Journal of Environmental Protection</b> , 2015, 6, 867-884.
Yahya Farhan, <b>Ali Anbar</b> .	Fragile Landscape: Impact and Consequences of May 2014 Flash-flood Disaster in the Aqaba Area, Southern Jordan, <b>Research Journal of Environmental and Earth Sciences</b> 6(9): 451-465, 2014.
<b>Ali Anbar</b> .	Agricultural Patterns in the Arab World, The Jordanian Journal of Social Sciences, (3) 3: 293-310. ( <i>In Arabic</i> ).
<b>Ali Anbar</b> , Kayed Abu Sabha	Internal migration in Jordan: its size and trends, The Jordanian Journal of Social Sciences, 2009, (2) 2: 2011-2055. ( <i>In Arabic</i> ).
Naseem Barham, <b>Ali Hasan Anbar</b>	The Social Dimension of the Water Problem in Jordan: A Case Study - Eastern Jordan Valley, <b>An-Najah University Journal - Human Sciences Series</b> , 2005, (19), 1359 4:4, ( <i>In Arabic</i> ).
<b>Ali Anbar</b>	Assessment of the developmental (economic and social) effects of the <i>Bani Hamida</i> women's textile project: a field study, <b>Yarmouk Research - Social and Human Sciences Series</b> , 2005, (21), 1: 103-126, ( <i>In Arabic</i> ).
<b>Ali H. D. Anbar</b>	Crop Combinations Structure of the East Jordan Valley, Damascus University, <b>Journal for the Agricultural Sciences</b> , vol. 18- No. 2, 2002: 43-64.
<b>Ali H. D. Anbar</b>	Farm Enterprises in the King Abdullah Canal Project, Damascus University, <b>Journal for the Agricultural Sciences</b> , Vol. 17- No. 1, 2001: 145-161.
<b>Ali Anbar</b> Anton Escher	Die Rolle von Verwandtschaft bei betriebswirtschaftlichen Entscheidungen von landwirten im" East Ghor Canal –Progeject "/Jordanien, <b>Mitteilungen der Fränkischen Geographischen Gesellschaft</b> , 38,1991, Erlangen – Nuernberg, 1992, pp. 221-245, (In German).
<b>Ali H D Anbar</b> Brian P Birch	A Classification of Farms and Farmers in The East <i>Ghor</i> Canal Project, Jordan. <b>Die Erde</b> , 18, 1987, pp. 21- 23.

**A) Books**

Book Title	Rural and <i>Badia</i> Development in Jordan ( <i>in Arabic</i> ).
Book Status	Published
Authors	Ibrahim Badran, Jawad Al-Anani, <b>Ali Anbar</b> , Zuhair Tawfiq, Amer Bakeer, Nabil Ali, Majd Al-Din Khamash.
Publisher	Alan publishers and distributors, Amman, Jordan
Year	2017
Edition	First

Book Title	Economic Geography ( <i>in Arabic</i> ).
Book Status	Published
Authors	Ahmed Al-Zoubi, <b>Ali Hassan Anbar</b> , Najah Kalalkeh, Samih Odeh, Musa Samha, Naseem Barham
Publisher	Jordanian Ministry of Education, Amman, Jordan.
Year	1993
Edition	First

Book Title	The city of Tulkarm: A Study in the Physical and Human Environments ( <i>in Arabic</i> ).
Book Status	Published
Authors	<b>Ali Hasan Anbar</b>
Publisher	Arab Organization for Education, Culture and Science, Tunisia
Year	1987
Edition	First

Book Title	Socio-Economic Aspects of the East Ghor Canal Project, Jordan (PhD Thesis).
Book Status	Published- pdf
Author	<b>Ali Hasan Dawod Anbar</b>
Publisher	University of Southampton, Southampton, UK.
Year	1983
Edition	First





## Scientific Conferences and Symposia

Conference/ Symposia Title	Place, Date and Organizer of Conference/ Symposia	Type of Participation
Symposium on Water Security in Jordan: Reality and Challenges	University of Jordan, Amman, 12/3/2023	Introductory Speech, Organization, Comments , Present & Discussion
The Fourth International Conference "Smart Learning: The Way to Boardrooms of Tomorrow	University of Philadelphia, Amman, Jordan, 26-27/11/2022  Philadelphia University, Association of Arab Universities, Arab Network for Open Education and Distance Learning, Arab Union for Humanitarian Action and Sustainable Development, Euro-Mediterranean University in Slovenia, Luminous Technical University College, Al-Quds Open University.	Present & Discussion
The Eighth Economic Conference entitled: "Economy of Energy, Water, Food Security and Natural Resources", Jordan	University of Petra ,Amman, Jordan, 24/9/2022  Society for Scientific Research, Entrepreneurship and Creativity, and University of Petra	Present & Discussion
Workshop on: "Climate change policy in Jordan: reflecting on successes, challenges and preparing for COP-27".	St Regis Amman, Jordan,  July 3rd 2022.  Nottingham Trent University, UK & Ministry of Environment (Jordan).	Present & Discussion
The Tenth Scientific Research Conference in Jordan.	Al-Ahliyya Amman University, Amman, Jordan.  27/11/2021  The Jordanian Society for Scientific Research, Entrepreneurship and Creativity and Al-Ahliyya Amman University	Present & Discussion
Seminar on Future Prospects for the Management Crisis in the State	University of Philadelphia, Center for Future Studies, Amman, 5/2/2020.	Present & Discussion
Symposium on Future Prospects for Youth	University of Philadelphia, Center for Future Studies, Amman, 23/12/2019.	Present & Discussion
Seminar "Success Stories: Entrepreneurship and Innovation"	Jordan Society for Scientific Research, Entrepreneurship and Creativity, Amman, 27/11/2019.	Present & Discussion
The Ninth Conference for Scientific Research in Jordan	Jordan Society for Scientific Research, Entrepreneurship and Creativity and the University of Jordan, Amman, 9/9/2019	Present & Discussion



Seminar on Future Prospects for Small and Medium Enterprises	University of Philadelphia, Center for Future Studies, Amman, 7/9/2019.	Present & Discussion
The Fifth International Economic Conference "Emerging Economies: Between Economic Programs and International Standards."	Jordan Society for Scientific Research, Entrepreneurship and Creativity, and Petra University, Amman, 20/7/2019.	Present & Discussion
Seminar on the Reality of Biodiversity in Jordan.	Jordan Society for Scientific Research, Entrepreneurship and Creativity, Amman, 31/10/2018.	Present & Discussion
Future Prospects for Decentralization Symposium.	University of Philadelphia, Center for Future Studies, Amman, 29/9/2018.	Present & Discussion
A symposium on the Future Prospects of Extremism and Terrorism.	University of Philadelphia, Center for Future Studies, Amman, 14/1/2017.	Present & Discussion
A symposium on Future Prospects for Political and Societal Participation.	University of Philadelphia, Center for Future Studies, Amman, 22/10/2016.	Present & Discussion
A symposium on Future Prospects for Countryside and <i>Badia</i> Development in Jordan.	University of Philadelphia, Center for Future Studies, Amman, 30/1/2015.	<b>One paper was presented:</b> <i>The problem of water and climatic changes in the Jordanian Badia</i>
The Sixth Conference for Scientific Research in Jordan	Jordan Society for Scientific Research, Entrepreneurship and Creativity, and Zaytoonah University, Amman, 23/11/2013	<b>One paper was presented:</b> <i>Climate Change in the Eastern Mediterranean</i>
The Sixth Arab Conference of Arab Experts in Geographical Names.	The Royal Jordanian Geographical Center, Amman, 10/7-13/7 /2012.	Present & Discussion
Agricultural and Food Production and the Economies of the Arab World.	The British Institute in Amman-Jordan (CBRL) with the support of the British Academy and London University of Economics, Amman, 28-29 January 2012.	Present & Discussion
The Impact of Demographic Changes on Economic Development in Jordan.	Abdul Hameed Showman Cultural Forum in cooperation with the Higher Population Council, Amman, 3/12/2011.	Present & Discussion



Arts Dialogue Conference.	Faculty of Arts, University of Jordan, Amman, 19/7-22/7/2010.	Present & Discussion/ Finance Director
Seminar on Remote Sensing and Geographic Information Systems.	Department of Geography, Faculty of Arts, University of Jordan, Amman, 4/20/2009	Present & Discussion
The First International Conference on Irrigation.	World Federation of Geographers and Pakistan Water and Energy Development Authority, Lahore - Pakistan, 4-9/1/1986.	<b>TOW papers were presented:</b>  * <i>Irrigation techniques used in the East Ghor Canal Project.</i>  * <i>The Water Balance of the East Ghor Main Canal.</i>
Conference on "Some Aspects of Agricultural Modernization and their Socio-Economic Effects".	Faculty of Agriculture, University of Jordan, Amman, May 18-23, 1984	<b>ONE paper was presented:</b> * <i>Changing Land Tenure Patterns in the East Jordan Valley</i>
The Annual Conference of the British Geographers (IBG).	Institute of British Geographers (IBG) University of Southampton, Southampton, UK., January 1982	<b>ONE paper was presented:</b> * <i>Changing Land Use Patterns in the East Ghor Canal Project, Jordan &amp; Administration</i>

### Supervision of Dissertations , Theses and Research Projects

Title of Theses/Dissertation	Student Name	Level	Year
Developmental Variation in <i>Tulkrem</i> Province-Palestine	Majeda A. Abu-Zunt	M.A	1986
Socio Economic Impact of Developmental Projects In <i>Southern Ghors</i>	Farouq A. Al Omari	M.A	1989
Development of Economic Utilization and its Prospective in <i>Wadi Dhleel</i> Area	Fozeyeh A. Beeno	M.A	1993
Jordanian Free Zoons: Study in the Geography of Development	Enas A. Sumoor	M.A	1995
Development of Agricultural Utilization in <i>Baq'a</i> Depression	Ade enaser M. Al Saqa	M.A	1995



Fragmentaion of Agricultural Farm Units in <i>Mustaba</i> Province: Dimentions & Consequences	Omar M. Al Dayafleh	M.A	2000
Curent Agricultural Utilization in <i>Southern Shuneh</i> Province and Afecting Factors of Farmers Behever to Select Cropping Structutre	Yousef A. Al Aydee	M.A	2001
Developmental Varition in <i>Nau'r</i> Province	Nisreen S. Al Ramoni	M.A	2009
Spatial Patterns of Population Distribution in the Cities of <i>Sulat &amp; Mafraq/</i> Jordan	Waleed Al Jarah	M.A	2012
Population Change and its impact upon Land Use Patterns in <i>Sulat</i> City (1979-2010), using GIS	Malik Al Awaysheh	M.A	2012
Population Change in <i>Madaba</i> City(1994-2015)	Jehad Al Diqis	M.A	2017
Evaluation of Hospitals and Governmental Health Centers Location and its Service Efficiency in Greater <i>Irbid</i>	Amer Maslamani	PhD	2021
Evaluation of Development Plans in Jordan(1999-2019)	Majdoulin Abu-Dalhoum	PhD	
Trends and Patterns of Inverse Internal Migration and its causes	Bashar A. Khwaldeh	PhD	
Jordanian Agricultural Exports (2000-2022): Geographical Prospective	Mohamad A. Al Swa'eer	M.A	
* In addition to supervise more than 200 B.A. graduatoin projects			

## Training Courses

Name of Course	Date
Statistical Analysis Course Using (SPSS) - Consulting Center, University of Jordan.	2006
Computer Skills Course (UJ-CDL) - King Abdullah II School of Information Technology, University of Jordan.	2009



Management and Leadership Skills - Center for Accreditation and Quality Assurance, University of Jordan.	11/18/2019
Patents and Intellectual Property Registration - Center for Accreditation and Quality Assurance, The University of Jordan.	19/11/2019
Teaching Ethics from an Applied Perspective - Center for Accreditation and Quality Assurance, University of Jordan.	27/11/2019
Scientific Research Skills - Center for Accreditation and Quality Assurance, University of Jordan.	28/11/2019
Strategic and Operational Plan - Center for Accreditation and Quality Assurance, University of Jordan	9/12/2019
Responsible conduct for conducting scientific research - Center for Accreditation and Quality Assurance, University of Jordan.	17/12/2019
Spelling Drawing in the Arabic Language - Center for Accreditation and Quality Assurance, University of Jordan.	24/12/2019
Statistical Analysis and Data Processing - Center for Accreditation and Quality Assurance, University of Jordan.	15-16 / 1/2020
Awareness of Information Security in Cyberspace - Center for Accreditation and Quality Assurance, University of Jordan.	2/2/2020.
Microsoft Excel Basic to Intermediate Level Center for Accreditation and Quality Assurance, The University of Jordan.	6/2/2020

## Teaching Activities

Recent Taught Courses	Bachelor	Graduate
Geography of Development	*	
Geography of Agriculture	*	
Regional Geography of Jordan	*	
Economic Geography	*	
Rural Geography	*	



Urban Geography	*	
Political and Economic Geography of the Middle East		*
Integrated Rural Development		*

### Membership in Scientific and Professional Bodies and Societies.

Name and Place of Scientific Body and Society	Date
The Royal Society for the Conservation of Nature.	2020
Institute of British Geographers (IBG).	1980

### Awards

Name of Award	Donor of Award	Date
Shield of the Saudi Geographical Society.	The Saudi Geographical Society	2011
Shield of the Jordanian Armed Forces	The Jordanian Armed Forces	2012
Shield of the Royal Jordanian Geographical Center	The Royal Jordanian Geographical Center	2012
Shield of the Geographical Environmental Association - Jordan	Geographical Environmental Association - Jordan	2023