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# Curriculum Vitae

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**Dr Ahmed Mubarak AlHasem**



**KUWAIT UNIVERCITY**  
**College of Social Sciences – Geography Department**

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## **Personal Data**

Name: Ahmed Mubarak AlHasem

Date of Birth: 14/6/1965

Nationality: Kuwait

Permanent Address: AlSalam – Block 1 – Street 101 – House 9

## **Specialization**

Coastal Studies – Coastal Morphodynamics

## **Title of PHD Thesis**

Coastal Morphodynamics of an Open-ended Tidal Channel in an Arid and Mesotidal Environment: Al-Subiya Tidal Channel, Kuwait

## **Academic Qualifications and Employment History**

1. B.A. Geography Department, Kuwait University, 1988.
2. Geographical Planner then the Head of Technical Division in Kuwait Municipality from 1988 to 1994.
3. Master of Science - Department of Geography & Geology, Eastern Michigan University, 1997.
4. Ph.D. in Coastal Studies - the University of Queensland, Brisbane, Australia, 2002.
5. Assistant Professor in Geography Department – Kuwait University 2002- now

## Graduate Courses

1. Coastal Geomorphology
2. Geography Research Methode
3. Advance Physical Geography
4. Desert Geomorphology
5. Global Environmental Issues
6. Special Topics

## Undergraduate Courses

1. Geography of Man & Environment	2. Introduction of General Geography
3. Geographical Thought & Methods of Geographical Research	4. Coastal Environment & Geomorphology
5. Geography of Water Resources	6. Issues on Gulf Environment
8. Oceanography	7. Geography of Arid Lands
9. Aerial Photos and Remote Sensing Interpretation	10. Environmental Planning and Sustainable Development
11. Introduction of GIS	12. Spatial Analysis
13. Geography of Quaternary	14. Earth Planet
15. Geomorphology	16. Methods of Geographical Research
13. Introduction of Physical Geography	18. Geography of Kuwait
19. Geography of Environmental Disasters	20. Special Topic in Physical Geography
21. Geography of Arab World	

## Membership in Scientific Societies

1. Kuwait Geographical Society
2. GCC Geographical Society (GCCGS)

### 3. Member of Editorial Board in Unit Search and Translation - Kuwait Geographical Society

## Attendance of Scientific Conferences

1.	The Fifth International Conference on Geomorphology, Tokyo, 2001. (Present a paper)
2.	Advance GIS Workshop on King Faisal University, Damam, KSA, 2003 (Attendance Workshop)
3.	2004 Middle East & Africa Conference for ESRI Users, 7- 9 December 2004, Dubai. (Attendance)
4.	1 <sup>st</sup> International Conference on Coastal Zone Management & Engineering in the Middle East, 27 - 29 November 2005, Dubai. (Present a paper)
5.	The 5 <sup>th</sup> Forum of Arab Geographer, 5-7 April 2009, Kuwait (Attendance)
6.	Coast to Coast Living on the Edge, 17 – 21 September 2012, Brisbane, Australia. (Attendance)
7.	International Conference on Marine Data and Information Systems, Lucca, Italy, 23 – 25 September 2013. (Attendance)
8.	4 <sup>th</sup> Scientific Meeting: Geography and GCC Countries “Prospects and Interests”, 10-13 December 2013, Medina, KSA (Present a paper)
9.	XIII International Conference on Environmental, Biological and Ecological Sciences and Engineering. 23 – 24 March 2015, Istanbul, Turkey (Attendance)
10.	7 <sup>th</sup> International Short Course and Conference on Applied Coastal Research. 28 September – 1 <sup>st</sup> October 2015, Florence, Italy (Attendance)
11	18 <sup>th</sup> International Conference on Physical Coastal Processes, Management and Engineering. 7-8 November 2016, Venice, Italy (Attendance)
12	20 <sup>th</sup> International Conference on Marine and Coastal Geology. 27-28 February 2018, Barcelona, Spain (Present a paper)
13	ICHMA 2019 : International Conference on Hydrodynamic Modeling and Analysis. Venice, Italy, November 12 - 13, 2019 (Present a paper)
14	International conferences on Engineering and Natural Science ICENS. Rome, Italy 25th - 26th October 2022 (Present a paper)
15	World Conference on Soil, Water, Energy and Air (EUWCSWEA). Seville, Spain. 1 – 2 May 2023. (Attendance)

16	1659 <sup>th</sup> INTERNATIONAL CONFERENCES ON ENGINEERING AND NATURAL SCIENCE. Male, Maldives 28th-29th Nov 2023. (Present a paper)
17	International Conference on Intelligent Environments and Sustainability (ICIES-2024) 5th - 6th November 2024   Florence, Italy (Attendance)

## Research and Creative Activities

### First: Books

1. Chapter 5: Water Pollution in Geography of Man & Environment Textbook (2006). & the editor for the 2<sup>nd</sup> & 3<sup>th</sup> Edition (2012).
2. Participation in chapter 3.2 of Coastal Zone and Climate Change “Vulnerability and Adaptation”, Kuwait Initial National Communications Framework under the United Nations Framework Convention on Climate Change (UNFCCC) - United Nations Environment Programme (UNEP). November 2012  
<http://unfccc.int/resource/docs/natc/kwtnc1.pdf>
3. Ahmed AlHasem (2024). *Coasts: Geomorphology and conservation*. Aafaq Publishing. Kuwait. (Arabic)
4. AlHasem, Ahmed, Alsahli, Mohammad and Alhusainan, Haya (2024). *Introduction to Physical Geography*. Aafaq Publishing. Kuwait. (Arabic)

### Second: Published Papers

1.	AlHasem, A. (2004). Coastal Geo-Morphodynamics of an Open-Ended Tidal Channel in an Arid and Mesotidal Environment: Al-Subiya Tidal Channel, Kuwait. <i>Z. Geomorph. N. F. Suppl.</i> – Vol. 133, Feb. 2004, 49-79.
2.	About Al-Enin, H. and Al-Hasem, A. (2006). Oceanographic Characteristics of Territorial Waters of Kuwait and their Impact on Sea Water's Fertility. <i>Bulletin of the Egyptian Geographical Society</i> , Vol. 79, pp. 77-105.

<b>3.</b>	AlHasem, A. (2010). Environmental Evaluation of the Master Plan for the Al-Subiya New City, Kuwait. Journal of Social Sciences, Kuwait, Vol. 38 (1) March 2010
<b>4.</b>	AlHasem, A. and AlAzmi, H. (2014). Effect of Physical and Human Factors on Temporal and Spatial Variations of Dissolved Oxygen in Kuwait Bay, Journal of Medical and Bioengineering Vol. 3 (4), 231-235
<b>5.</b>	AlSahli, M. and AlHasem, A. (2016). Vulnerability of Kuwait Coast to Sea-Level Rise. Danish Journal of Geography (Geografisk Tidsskrift), Vol: 116 (1), 56-70.
<b>6.</b>	AlHasem, A. (2018). Tidal Current Behaviors and Remarkable Bathymetric Change in the South-Western Part of Khor Abdullah, Kuwait, International Journal of Marine and Environmental Sciences, Vol: 12 (2), 118-125
<b>7.</b>	ALHasem, Ahmed (2018). Statistical Scientific Investigation of Popular Cultural Heritage in the Relationship between Astronomy and Weather Conditions in the State of Kuwait. Journal of the Gulf and Arabian Peninsula Studies (in Arabic)
<b>8.</b>	AlHasem, Ahmed (2019). Expected Environmental Constraints of the Major Future Projects on the Northern Coast of the State of Kuwait, Annals of the Faculty of Arts – Ain Shams University, (in Arabic)
<b>9.</b>	AlHasem, Ahmed (2019). The Importance of Morphodynamic Approach to Integrated Coastal Zone Management, Kuwait. Journal of Social Sciences, Kuwait. (in Arabic)

## Supervising the Master's Thesis

1.	Co-advisor for Mrs. Huda AlAzmi (Master Kuwait University – 2013) Effect of Physical and Human Factors on Temporal and Spatial Variations of Dissolved Oxygen in Kuwait Bay (in Arabic)
2.	Principal Advisor for Ms. Eman AlBughili (Master Kuwait University – 2015) The Impact of Acidic Ocean on Biological and Geo-Chemical Processes in Kuwaiti Sea (in Arabic)
3.	Principal Advisor for Ms Saimaa AlOtaibi (Master Kuwait University – 2017) The Impact of the American and British Schools in Planning the City of Kuwait in the Period from 1950 to 2013. (in Arabic)
4	Principal Advisor for Thamer Al-Mutairi's "Sand Dune Crawl on Al-Salmi Road" (2019).
5	Principal Advisor for Munira Al-Manea "Monitoring Thermal Pollution Phenomenon in Kuwait Bay Using Remote Sensing Technology" 2020
6	Principal Advisor for Sarah Al-Adwan Student "Solid Waste Landfills in the State of Kuwait Using GIS Technology" 2022
7	Principal Advisor for Al Anoud Al Harbi's Student "Heat Islands in the State of Kuwait Using GIS & RS Technologies" 2021
8	Principal Advisor for Hanan Al-Dosari's Student Spatial Analysis of Temperatures in the State of Kuwait Spatially Using Geographic Information Systems (2022)

## Discussant of Master Thesis

1.	Hessa Abdullah Al-Failakawi – “Field Study to Determine the Level of Pollution around Failaka Island” on 4/12/2012
2.	Abeer Essa Al-Wazq – “Study of Temporal and Spatial Change of Vegetation Cover and Clover in Abdali Area Using Remote Sensing” on 29/11/2016
3.	Fatima Khalid Al-Mutairi – “Monitoring the Change of the Coastline of the State of Kuwait using Spatial Integration Methodology” on 17/7/2017
4.	Mohammad Hani Al-Sayeg – “Geomorphology Study of the Northern Playas in the State of Kuwait (Al-Mutlaa Area)” on 7/3/2018
5.	Hamad Mansour Al-Mutairi – “Temporal Changes Analysis of Vegetation Cover in Sabah AlAhmed Natural Reserve Using Remote Sensing for years from 1985 to 2018” on 19/2/2019

## Others

1.	Work with AlDiwan AlAmiri “ Studies & Researches Center” from 2004 - 2010
2.	Establish the Unit of Information Technology (IT) in College of Social Sciences & Head of IT Unit 2006/2007
3.	Head of GIS & RS Unit in College of Social Sciences 2009/2010
4.	Work Team member - the Kuwait National Communication on Climate Change - Impacts of Sea Level Rise on Coastal Areas in Kuwait Team – UN, UNFCCC. December 2011- November 2012.
5.	Department Coordinator and College Member of Committee for the preparation of the course schedule (2008 - 2010) and (2012 - 2016)
6.	مدير برنامج الماجستير في قسم الجغرافيا و عضو لجنة المجال في الكلية (2018 الى الآن)

	Manager of Master Program – Geography Department and member in College Committee (2018 – now)
7.	Rotation of the membership of a number of committees in Geography Department and College of Sciences
8.	Head of the Geographical Day Committee and Chairman of preparation of Geographical Day 2004
<u>TV Interviews and Newspaper Scientific Articles</u> (Society Service)	
1.	Scientific Meeting in Kuwait TV 1. Discussion about the Biography of Ibn Majid 2. Interview about Yagut AlHamawi and his book “Moajam Albldan” 3. Interview about Idrissi 4. Live interview on oceanography
2.	Article on “Nuclear energy in Kuwait” Al-Watan Newspapers 26/3/2009
3.	Article on “Kuwaiti – Iraqi Relations” Al-Watan Newspapers 18/6/2009
4.	Article on “Protecting Kuwait’s air from pollution – corporate responsibility” Al-Watan Newspapers 12/4/2010
5.	Article on “Kuwait coast – scientific journey in the environment and nature” Kuwait Magazine, Issue 318, September 2010
6.	Article on “Waste between treatment, rehabilitation and recycling” Al-Watan Newspapers 14/11/2011
7.	Article on “Water security under the threat of pollution in Gulf – become obsession” ” Al-Watan Newspapers 13/3/2012