

CURRICULUM VITAE

I. CONTACT DATA



1. Name	First Name	Father	Family
	ألاسم الأول	الأب	العائلة
Name (English)	Mohammed	Hussein	"Bagour, <i>previously</i> " Almarshadi
Name (Arabic)	محمد	حسين	"باقر سابقاً" المرشدي
Home Address:	Business Address:		
2. P. o. Box: 80276	8. Dept. of Arid Land Agriculture, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University		
3. City: Jeddah	9. City: Jeddah		
4. Area Code: 21589	10. Area Code: 21416		
5. Country: Saudi Arabia	11. Country: Saudi Arabia		
6. Telephone Number: +966-505604525	12. Telephone Number: +9662-6952000 Ext. 64775		
7. Email: malmarsyadi@kau.edu.sa	13. Fax number: +96622-6952364		
14. Current work: Associate Professor at King Abdulaziz University			

II. PERSONAL DATA

15. Sex <input checked="" type="checkbox"/> Male	19. Citizenship <input checked="" type="checkbox"/> Saudi
16. Year of Birth: 27/6/1964 G 16/2/1384 H	20. Religion <input checked="" type="checkbox"/> Moslem
17. City of Birth: Jeddah	21. Marital Status <input checked="" type="checkbox"/> Married
18. Country of Birth: Saudi Arabia	

III. EDUCATION DATA

22. Academic History; (List Highest Degree First):					
Degree	Year	Name of Institution	Major Field of Study	Minor Field of Study	Country
Ph. D.	2001	University of Arizona	Soil, Water and Environment Sciences	Soil and Water Conservation	USA
M. Sc.	1992	King Abdulaziz University	Soil Science	Soil Chemistry	S. A.
B. Sc.	1987	King Abdulaziz University	Agric. Science	General	S. A.
<p>Title of M. Sc. Thesis</p> <p style="padding-left: 40px;">" Effect of Nitrogen Amendments and Incubation Periods of Different Type of Manures (Cow, Sheep and Chicken) on Sorghum Growth and Chemical Composition of Soil and Plant"</p> <p>Title of Ph. D. Thesis</p> <p style="padding-left: 40px;">"Measuring and Predicting Steady State Infiltration Rates For Arizona Irrigated Soils".</p>					
<p>23. Current Specialization and Research Interests:</p> <p>Soil, water and related natural resource management to achieve Environment sustainability. Understanding and interpreting the science of land to complete maps of the physical characteristics and natural land uses to assess current and future conditions. Work hard to streamline the multiple uses of water. Next to assess water quality of these multiple uses of renewable natural resources related to the success of sustainable development. Modern irrigation systems design High-Tech, uses Remote Sensing (RS) and Geographic Information Systems (GIS) to manage vital projects related to renewable natural resources such as trees, fish, and fresh water to serve the agricultural science and the environment "Ecology".</p>					

24. Special Skills:

- 1990 Participation on Training Program Covering Tecator Products with special priority on The Composition and Flow Injection Analysis Products., Sweden.
- 1993 Participation and completion The International Training Course on "SUSTAINABLE DEVELOPMENT OF DRYLAND REGIONS: PLANNING AND MANAGEMENT FOR MULTIPLE USE". School of Renewable Natural Resources College of Agriculture, University of Arizona., Tucson, Arizona, USA.
- 2002 Attending "The Second Saudi Symposium on Halphytes Plantation", King Abdulaziz City for Science Technology.
- 2002 Statistical Applications Using SPSS Software. Center of Teaching and Learning Development. King Abdulaziz University.
- 2003 Supervision and Participation in Survey of Damage to Terrestrial and Groundwater Resources of Saudi Arabia as Results of The Second Gulf war 1991. Conducted by Environmental Consulting Bureau. Written report Submission to United Nations Compensation Commission (UNCC) and Presidency of Meteorology and Environment.
- 2004 Supervision and Participation in Ecosystem Restoration Technology of Terrestrial Resources. Conducted by Environmental Consulting Bureau. Written report Submission to United Nations Compensation Commission (UNCC) and Presidency of Meteorology and Environment Protection.
- 2004 Participation in The Oral and Written submissions of The Kingdom of Saudi Arabia to the F4 Panel of United Nations Compensation Commission (UNCC) on Tuesday 27th April 2004. Under Fourth Installment.
- 2004 Participation and completion The Regional Training on Remote Sensing Environmental Applications on 31 July – 25 August 2004. Regional Organization For The Conservation of The Environment of The Red Sea and Gulf of Aden (PERSGA).
- 2005 Consultancy services on mangrove baseline assessment for the Environmental Baseline study for Arabian Shrimp Company for the Proposed Shrimp Farm Project in Gizan, K.S.A.

- 2005 Participation and completion an environmental impact assessment for raw material mining (Limestone and sand) and cement manufacturing factory site located in Durmah District, 150 km west of Riyadh, Saudi Arabia.
- 2005 Participation and completion an environmental impact assessment on vegetation assessment for comparison of species diversity SABIC Project located in Eastern Province of Saudi Arabia.
- 2005 Supervision and participation an environmental impact assessment for Ambient Air Quality Data Collection, terrestrial ecology and marine habitat survey for Shoaiba (Phase III) IWPP desalination plant.
- 2005 Supervision and participation an environmental impact assessment for Ambient Air Quality Data Collection, terrestrial ecology and marine habitat survey for Shuoqiq (Phase II) IWPP desalination plant in Jazan.
- 2006 Supervision on an environmental audits impact assessment for marine habitat survey for Shoaiba (Phase III) IWPP desalination plant.
- 2006 Supervision on an environmental audits impact assessment for marine habitat survey for Shouqiq, Gizan, (Phase II) IWPP desalination plant.
- 2006 Reporting on Social Impact Assessment For Ma'aden Phosphate Mining Project ration with incorporation with ECB and GHD Global.
- 2007 Selected as Independent Reviewer for United Nations Compensation Commission (UNCC) Project on Ecosystem Restoration Technology of Renewable Natural Resources.
- 2007 Supervision on an environmental audits impact assessment for marine habitat survey for Shoaiba (Phase III) IWPP desalination plant.
- 2007 Supervision on an environmental audits impact assessment for marine habitat survey for Shouqiq, Gizan, (Phase II) IWPP desalination plant.
- 2008 Supervision on an environmental audits impact assessment for marine habitat survey for Shoaiba (Phase III) IWPP desalination plant.
- 2008 Reporting on Social Impact Assessment For Az Zabirah Mining and Aluminum Project incorporation with ECB and GHD Global.
- 2008 Supervision on an environmental audits impact assessment for marine habitat survey for Shouqiq, Gizan, (Phase II) IWPP desalination plant.

25. Selected Published Papers:

- Bagour, M. H. Al-Mahlafe Sad, Jacob A., and Fahsi A. 2006. Change Detection of the Vegetation Cover Based upon Advanced Very High Resolution Radiometer (Avhrr) Data. *Res. J. Agric. & Biol. Sci.*, 2 (6): 341-348.
- Bagour, M. H. 2006. Environmental Impact Assessment of 1991 Gulf War Military Activities Using Landsat Tm Imageries. *J. Appl. Sci. Res.*, 2 (12): 1228-1234.
- Bagour, M. H. Jacob A., and Fahsi A. 2006. Assessment of some Environmental Aspects due to the smoke plume as results of oil fires during 1991 gulf war operations using landsat -TM image: 1- Jubail area. *J. Agric. Sci. Mansoura Univ.*, 31 (9) 6103-6114.
- Bagour, M. H. 2006. Assessment of some Environmental Aspects due to the smoke plume as results of oil fires during 1991 gulf war operations using Landsat-TM image: 2- Ras Alkhafji in the eastern province of Saudi Arabia and south of Kuwait. *J. Agric. Sci. Mansoura Univ.*, 31 (9) 6115-6128.
- Al-quarashi, A. D., Bagour M. H., and El-Toukhy A. A. 2006. Studies The Tillage Effect on Some Physical And Chemical Soil Properties And It's Relation With Guava Growth in Hoda Al-sham Agricultural Research Station. *Egyptian J. of Appl. Sci.*, 21 (9): 290-301.
- Bagour, M. H. 2006. Major difficulties face the bottled drinking water industry from the carelessly of some random bottled water-selling shops and factories on the applicability of the health standard regulations. *African Studies Review*, Issue 28:209-230.
- Bagour, M. H. 2006. Compatibility of the random bottled water-selling shops locations with applicability of the health and microbiological regulations. *African Studies Review*, Issue 28:231-248.
- Bagour, M. H. and Post D. F. 2001. Predicting the volumetric water content of Arizona soils at different moisture tensions. *Hydrology and Water Resources in Arizona and the Southwest*, Arizona-Nevada Academy of Science, Vol. 31:51-58.
- Bagour, M. H. and Post D. F. 2000. An evaluation of methods to measure the saturated hydraulic conductivity of soils. *Hydrology and Water Resources*

in Arizona and the Southwest, Arizona-Nevada Academy of Science, Vol. 30:59-68.

Alsolaimani, S. G. and Bagour, M. H. 1995. Effect of nitrogen amendments and incubation periods on N, P, and K contents of various manure types. J. KAU: Met., Arid Land Agric. Sci. Vol. 6:13-21.

26. Career at King Abdulaziz University and Postgraduate Academies

- I. Demonstrator - Department of Arid Land Agriculture, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University: from 1987 until 1992.
- II. Postgraduate Student to study M. Sc. at Department of Arid Land Agriculture, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University: from 1987 until 1992.
- III. Postgraduate Student to study M. Sc. forwarded to Ph.D. at Department of Soil, Water and Environment Sciences, University of Arizona in USA: from 1993 until 2001.
- IV. Assistant Professor - Department of Arid Land Agriculture, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University: from 2001 until 2007.
- V. Associate Professor - Department of Arid Land Agriculture, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University: from 2007 until now.

VI. List of undergraduate courses taught:

AGR 311 Fundamentals of soil science
AGR 361 Machinery Farm
AGR 462 Irrigation and drainage
AGR 452 Desertification and dune fixation
AGR 524 Forage and Pasture Crops of Arid Lands
AGR 529 Special Topics

VII. List of graduate courses taught:

AGR 640 Advanced Soil Physics
AGR 646 Soil Genesis & Classification

AGR 647 Irrigation Technology
AGR 648 Soil & Water Conservation
AGR 650 Soil Pedology
AGR 649 Soil, Water & Plant Analysis
AGR 755 Soil Pollution

VIII. Academic Supervision:

- ✓ M. Sc. Thesis (already finished):
 1. Student: Saeed Marof Gan Aaref Terkostani, Title of the Thesis: "The Effect of Mulching on Growth and Forage Yield of Millet (*PENNISTUM AMERICANUM L.*) Under Drought Stress".
 2. Student: Mosleh M. Al-thabati, Title of the Thesis: "Classification & Evaluation of Soil and Water Quality at Wadi As. Saul Al-kabir in Taif".

- ✓ PhD dissertation (In Progress):
 1. Student: Abdul Al-shamari.

IX. Internal Examiner:

- ✓ M. Sc. Thesis (already finished):
 1. Student: Zbaid Mohammed Saleh Al-zaid, Title of the Thesis: "Soil Classification, Evaluation and Water Quality in Gazan Wadi".

X. Conferences Attended:

- ✓ The 33th Annual Meeting of the Islamic Development Bank Jeddah, Saudi Arabia, 31 May 2008, Seminar Focused on Marginal Water Utilization in Agriculture With Special Reference to Saudi Arabia. Organized by International Center for Biosaline Agriculture (ICBA).

- ✓ Workshop on Environmental Pollution of the marine shoreline on 30 January 2008.

- ✓ Fourth International Conference on 'Ains (AFLAJ, QANAT, KAREZ) 2-4/04/2006, at King Abdulaziz University, Jeddah, Saudi Arabia.

- ✓ The 3th International Conference on Soils of Urban, Industrial,

Traffic, Mining, and Military Areas, During 17-25 November, 2005 at The Cairo House, Cairo city, Egypt.

- ✓ Workshop of Bottled Water, on 27 September, 2005 at King Abdulaziz University, Jeddah, Saudi Arabia.
- ✓ First National Symposium on Climate Change, Communication of The Kingdom of Saudi Arabia to be Submitted to UNFCCC, 30th April – 1st May, 2005 at King Abdulaziz University, Jeddah, Saudi Arabia.
- ✓ The Annual Environmental Protection Workshop on Environmental Rules and Regulations of Saudi Arabia, Sept. 28, 2004, Alkhobar, Saudi Arabia.
- ✓ The Second Annual Meeting For Scientific Research, 30-31 March, 2003., at King Abdulaziz University, Jeddah, Saudi Arabia.
- ✓ The Second Saudi Symposium on Halphytes Plantation, 2002., Riyadh, King Abdulaziz City for Science Technology.

XI. List of all committee assignments:

- 1988 - 1991 Member of Equipments Technical and Purchasing Committee (Department Level)
- 2002 - 2004 Member of the Nursery Establishment Committee at King Abdulaziz University.

XII. Selected as a reviewer for:

- 1) King Abdulaziz City for Science and Technology (KACST).
- 2) United Nations Compensation Commission (UNCC) Project on Ecosystem Restoration Technology of Renewable Natural Resources.