



DR. MOHAMMED REFDAN AL-HAJHOJ
ASSOCIATE PROFESSOR

King Faisal University, P.O.Box 55031
Hofuf, 31982, Saudi Arabia
Tel. +966 (3) 5895899
Mobile: +966 505921886
E-mail: refdan99@yahoo.com

EDUCATION

- Dec. 2001* **Ph.D in Horticulture and Growing Media**, Department of Horticulture and Landscape, The University of Reading, United Kingdom.
- June 1995* **MSc in Nutrition and Light effects on plants**, Department of Horticulture and Landscape, University of Missouri-Columbia, USA.
- Jan. 1991 – Dec. 1991* Intensive English Program for Academic Studies
TOEFL = 550
GRE = 1500
- June 1988* **BSc with honour in Horticulture**, Department of Horticulture and Landscape, King Faisal University, Kingdom of Saudi Arabia.
- First Place on Class of 1988.
- Obtained the Annual Prize for Outstanding Student in Agriculture in Saudi Arabia. Gave The speech of the ceremony as well.

PROFESSIONAL EXPERIENCE

- March 2013 to date* **Director of Date Palm Research Center of Excellence
King Faisal University**
- Dec. 2012- March 2013* **Assistant Director of Date Palm Research Center of Excellence
King Faisal University**
- Nov. 2007- Oct. 2011* **Dean of Student Affairs** at King Faisal University, alahsa, Saudi Arabia.
- Chairman of Student Fund Council** at King Faisal University, Alahsa, Saudi Arabia
- Member of the University Council**
- Member of the Permanent Committee for Quality in Student Services and Activities**
- Member of the Permanent Committee for Student Discipline**
- Member of the Permanent Committee for Safety and security**
- April 2009 – March 2011* **Chief Editor of "Ishraqat Aljami'ah" , the King Faisal University newspaper. "From the 1st issue till the 10th issue".**
- Feb. 2006 - Oct. 2007* **Deputy Dean of Student Affairs for Students Activities** at King Faisal University, Saudi Arabia.
- July 1st – July 30th 2005* **Coordinator of the enrichment program for gifted students under the title "*Artificial Intelligence and Technology Program*". Organized by King Abdulaziz & his companions foundation for the gifted, in association with Saudi Aramco Company, Dhahran, Saudi Arabia.**
- Jan. and Feb. 2010* **Preliminary report and landscape design and plantation of sites and spaces on campus of King Fahd University of Petroleum & Minerals (KFUPM). Dhahra, Saudi Arabia.**

Feb. 2012

Member of the Jury in "The most beautiful garden project". A Competition to choose the most beautiful home garden in Khobar and Dhahran, Saudi Arabia.

ACADEMIC EXPERIENCE

March 2013

Associate Professor at the department of Arid Land Agriculture, Horticulture and Landscape Programme, College of Agriculture and Food Sciences, King Faisal University, Saudi Arabia

Feb. 2002-feb. 2013

Assistant Professor at the department of Arid Land Agriculture, Horticulture and Landscape Programme, College of Agriculture and Food Sciences, King Faisal University, Saudi Arabia.

CLASSES TAUGHT

horticultural and landscape courses.
Forestry (Silviculture),
Plant propagation and Nurseries management,
Medicinal and Aromatic plants, Ornamental plants,
Floriculture,
Plant nutrition,
Landscape and Garden Design,
Weeds and their control,
Horticultural Training.

2008-2011

In Collaboration with The department of Landscape Architecture, College of Architecture and Planning, University of Dammam, Saudi Arabia.

CLASSES TAUGHT

Ornamental Horticulture.

July 1995 – Sept. 1996

Lecturer at the department of Horticulture and Landscape, King Faisal University, Saudi Arabia.

CLASSES TAUGHT

Teaching horticultural courses Lectures and practical sessions as well.
Ornamental plants, Floriculture, Plant nutrition, garden and Landscape and Design, Plant Nursery, Forestry, Home gardening, Greenhouses structure and Management.

Sept. 1988 – Dec. 1990

CLASSES TAUGHT

Teaching and Research Assistant at the department of Horticulture and Landscape, King Faisal University, Saudi Arabia.

The job required giving practical sessions at the laboratory and the fields, and also assisted on some lectures with other lecturers at the department. Associated with some of the researches done at the department.

Courses: Ornamental Plants, Floriculture, Garden and Landscape Design, Plant Nursery, Greenhouses structure and Management, Trees and Forestry. Plant nutrition.

THESIS SUPERVISION

1998-1999

Assisted on the supervision of two MSc. Students of Dr. Tony Kendle at the department of Horticulture, University of Reading, Reading, UK.

CONFRENCES & MEETINGS

May, 1994
(3 days)

Saudi Student Annual Assembly, Columbia, Missouri, USA.

Chelsea Flower Show, London, UK, as a representative for The University of Reading, Reading, United Kingdom.

May, 1999
(2 days)

Horticultural Therapy Conference, University of Reading, Reading, UK.

April, 2000
(1 day)

Exotic Plants symposium, University of Reading, Reading, UK.

Feb. 2001
(1 day)

Symposium on Urban development in arid regions and associated problems, Riyadh, Saudi Arabia.

Nov. 2002
(3 days)

Closing Ceremony for the Joint Research & Development Program between King Abdulaziz for Science and Technology & Japanese Petroleum Energy Center, Riyadh, Saudi Arabia.

Feb. 2003
(1 day)

Workshop on Forestry and Range-land in Saudi Arabia, KACST, Riyadh, Saudi Arabia.

April, 2003
(1 day)

1st International Conference on Turfgrass Management & Science for Sport Fields,(ISHS, AUA, HSHS), Athens, Greece.

June, 2003
(6 days)

August, 2003
(1 day)

An Open Day on The Potential of Spectrally-Modifying Greenhouse Covers in Horticulture. Organized by the Center for Horticulture and Landscape, School of Plant Science, The University of Reading, Reading, United Kingdom. The possibility of using spectrally-

	modifying greenhouse covers in Saudi Arabia was discussed with some specialists and representatives of the companies.
<i>Feb. 2004 (1 day)</i>	An open day on Gardens and their impact on environment and society, organized by the Royal authority for Al-Jubail and Yanbou, at Al-Jubail city, Saudi Arabia. Gave a presentation with the title "Eight steps to establish a garden with low demand for water"
	Symposium on Climate Change and the Results of Studies for the National Report. King Abdulaziz University and UNDP, Jeddah, Saudi Arabia, 30 April-1 May, 2005.
<i>May, 2005 (2 days)</i>	International symposium on growing medium. Angers, France, September 4-10, 2005.
<i>Sept. 2005 (6 days)</i>	International symposium on protected cultivation in mild winter climates, Agadir, Morocco.
<i>Feb. 2006 (6 days)</i>	The 2 nd international ISHS conference on turfgrass science & management for sport fields, Beijing, China.
<i>June 2007 (6 days)</i>	The 6 th cultural & scientific week for GCC universities and higher institutes, UAEU, Al Ain, United Arab Emirates.
<i>Nov. 2007 (5 days)</i>	The 12 th scouts camp for GCC universities and higher institutes, Imam Mohammed Bin Saud University, Riyadh, Saudi Arabia.
<i>March, 2008 (7 days)</i>	25 th Universiade, Belgrade, Serbia.
<i>July 2009</i>	The 1 st GCC abroad student visit, Beijing, China.
<i>July 2009</i>	39 th World Scout Conference, Curitiba, Brazil.
<i>Jan. 2011</i>	The 2 nd GCC abroad student visit, (Madrid, Toledo, Cordoba, Granada), Spain.
<i>July 2011</i>	The 2 nd International Symposium on Biotechnology of Fruit Species (Biotechfruit 2012), Nelson, New Zealand
<i>March 2012</i>	The Fifth symposium on Date Palm. DPRC, King Faisal University, Saudi Arabia
<i>Nov. 2013</i>	1 st Training Program in Organic Agriculture field for Agricultural Advisor and Specialists in Agricultural projects. Organized by the Ministry of agriculture and FAO, Riyadh, Saudi Arabia (10-15/1/2004).
SPEACHES	
<i>Jan., 2004 (6 days)</i>	Participated in the lectures and the discussions as one of the main speakers.

TRAINING COURSES

May, 2000
(1 day)

Sept. 2004
(6 days)

April, 2005
(3 days)

Jan. 2009
(2 days)

May 2010
(7 days)

Workshop on how to introduce yourself with the best skills you have for a job. University of Reading, Reading, England, UK.

Course on genetic engineering in plant. AGERI, Cairo, Egypt.

Workshop on "Designing of enrichment programs for gifted students". Organized by King Abdulaziz & his companions foundation for the gifted, Dammam, Saudi Arabia, April 18-20, 2005.

Students Counseling and Guidance, Alkhobar, Saudi Arabia.

Community Virtual Engagement, Monarch University, Australia. The course was given in Prato, Italy.

Researches

Measuring the impact of vegetation cover on improving the environment of the surrounding microclimate in Alahsa region of Saudi Arabia.

The main objective of this research is to develop a mathematical model that can help with urban development in arid regions by predicting the plantation or green cover needed.

The Potential of using spectrally-modifying greenhouse covers in Horticulture under Saudi Arabia conditions.

A Preliminary Study of Macro and Micro Climatic Variation Effects on Growth and Flowering of Date Palm (*Phoenix dactylifera* L.)

PAPERS FOR PUBLISHING

" Impact Of Vegetation Cover Of Alahsa Region On Reducing the Temperature Of Heat Islands And Urban Environment"

"The Potential Of Cooling The Urban Environments Using The Heat Sink Oasis Inside Cities"

"The Effect of Plant Variety On Reducing Temperature Of The Surrounding Environments"

" Effect Of Vegetation Cover Of Alahsa Region On Reducing Air Pollutants"

The Potential of Spectrally–Modifying Greenhouse Covers in Horticulture under Saudi Arabia Conditions

PUBLISHED PAPERS

2015

El-Faki, M.S., H. A. El-Shafie, and M.R. Alhajhoj. 2015. Potentials for early detection of red palm weevil (*Rhynchophorus ferrugineus* (Olivier))-infested date palm (*Phoenix dactylifera* (L.) using temperature differentials. CANADIAN ENTOMOLOGIST. (Impact Factor 0.880)

2012

Alghannam, A. O., Alhajhoj Al-Qahtnai M. R. 2012. Impact of Vegetation Cover on Urban and Rural Areas of Arid Climates. Australian Journal of Agricultural Engineering (AJAE) 3(1):1-5.

2011

Alhajhoj Al-Qahtani, M.R. 2011. Effect of Oil Refinery Sludge on Plant Growth and Soil Properties. Res. J. Environ. Sci., 5: 187-193

2010

Alhajhoj Al-Qahtani, M.R. 2010. Effects of N.P.K. Fertigation on Growth and Development of Rose Cultivars under Glasshouse Condition. Alexandria Science Exchange Journal. Vol. 31 No. 4: 215-222

2009

Alhajhoj Al-Qahtani, M.R. 2009. Effect of Addition of Sand and Soil Amendments to Loam and Brick Grit Media on the Growth of Two Grass Species (*Lolium Perenne* and *Festuca Rubra*). Journal of Applied Sciences 9(13):2485-2489.

2008

Alhajhoj Al-Qahtani, M.R. and Alkhateeb, A.A. 2008. Alternative to Agar: Effect of Different Growing Media on In Vitro Production of Somatic Embryogenesis in Date Palm (*Phoenix Dactylifera* L.) Cv. Khalass. Acta Hort. (ISHS) 779:649-654

LANGUAGES

Arabic: Native **English:** Fluent
Lived Five years in USA and five and a half year in UK.

COMPUTER SKILLS

Advanced knowledge of Word Processing, Spreadsheet, Microsoft Office Software, Word, Excel, PowerPoint, Access, statistical analysis (SAS), Visual Basic, and Expert System.

UNIVERSITY EXPERIENCE

<i>March 1990 and 1996</i>	A member of the committee for the annual day of planting a tree in Alahsa region, Saudi Arabia.
<i>June 2003-todate</i>	A member of the International Society for Horticultural sciences (ISHS).
<i>Oct. 2004-2005</i>	Head of Public Relations Committee for College of Agriculture and Food Sciences at King Faisal University.
<i>Feb. 2005-todate</i>	A member of Saudi Society for Agricultural Sciences.
<i>2006-2011</i>	A member of the higher committee for the graduation day at KFU.
<i>Dec., 2011</i>	Submitted a consultancy report on the landscape design and plantation of sites and spaces on campus of King Faisal university, Alahsa, Saudi Arabia.

COMMUNITY SERVICE

<i>Jan. 1993 – Dec 1993</i>	Held a post of a sport rep. and
<i>Jan. 1994 – Dec. 1994</i>	a social rep. at Saudi student club in Columbia, Missouri, USA
<i>1991 – 1995</i>	Represent Saudi Arabia at the annual bazaar in Columbia, Missouri and also at the University of Missouri annual festival. Participating in Showme State (Missouri State, USA) annual competition.
<i>Oct. 2003-todate</i>	A member of the Saudi Cancer Foundation at the Eastern Province of Saudi Arabia.
<i>2006-2011</i>	Supervising the Programme of lectures given by KFU to Prison Mates at Alahsa Main Prison.
<i>2007-2011</i>	Supervising the Programme of engaging handicapped people in KFU students activities.
<i>2008-2011</i>	Supervising the Programme of lectures given by KFU to King Fahad Hospital at Alahsa, Saudi Arabia.

