

# Curriculum Vitae – 2013

## Malik Ghazi Al-Ajlouni

**Research area:** Landscaping Design and Smart Irrigation Technology.

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### Contact Information

- The University of Jordan  
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### Education

- **PhD**  
Major: Plant and Environmental Sciences  
Minor: - Geographic Information System  
- Experimental Statistics  
Dissertation Title: Linking Landscape Types to Water Use of Residential Landscapes.  
New Mexico State University (NMSU)
- **M.S. in Horticulture, 2003-2006**  
Thesis Title: Evaluation of Landscaping Plants in Local Parks of the City of Irbid, North Jordan.  
Jordan University of Science and Technology (JUST)
- **B.S. in Agriculture, 1999-2003**  
Major: Plant Production  
Jordan University of Science and Technology

### Current work

- Full Time Lecturer, Department of Horticulture and Crop Science, Faculty of Agriculture, Amman 11942 Jordan.

### Awards

- William Blythe Mayfield, researches on landscape native plants, (NMSU) 2010
- Wilson, Marvin, (NMSU) 2009
- Herrera, E.A., (NMSU) 2008

### Published paper

- Al-Ajlouni, M. G., VanLeeuwen, D. M., DeMers, M. N., and St. Hilaire, R. (2013). A Method to Quantitatively Classify Residential Urban Landscapes in a Desert Environment. *HortTechnology*, 23:474-481.
- Al-Ajlouni, M., D.M. VanLeeuwen, and R. St. Hilaire. (2012). Performance of weather-based controllers in a desert environment. *Journal of the American Water Works Association*. <http://dx.doi.org/10.5942/jawwa.2012.104.0155>.

### Published abstract

- Al-Ajlouni, M. G., and St. Hilaire, R. (2009). Linking Landscape Types to Water Use of Residential Urban Landscapes. *HortScience*, 44(4): 1162.
- Al-Ajlouni, M. G., and St. Hilaire, R. (2010). Performance of Weather-Based Residential Irrigation Controllers in a Desert Environment. *HortScience*, 45(8): 263.

### Conferences

- American Society for Horticultural Science, August 2–5, 2010, Palm Desert, California.
- American Society for Horticultural Science, July 25–28, 2009, St. Louis, Missouri.

## **Work Experience**

- Senior Landscape Architect and Horticulturist at MK-Associates, Amman, Jordan, December 2011 – June 2013.
- Graduate Research Assistant at NMSU:
  - January-August 2011
  - January-August 2010
  - May-August 2009
  - May-August 2008
- Graduate Teaching Assistant at NMSU:
  - HORT 200 - Special Topics/Landscape irrigation (3 credits), spring, 2008.
  - HORT 210 - Ornamental Plants I (landscape plants I)(4 credits), fall 2007 and fall 2009
  - HORT 211 - Ornamental Plants II (landscape plants II)(4 credits), fall 2008 and fall 2010
  - HORT 307 - Landscape Design (3 credits), fall 2008.
  - HORT 308 - Landscape Construction (3 credits), spring, 2009.
  - HORT 533 - Environmental Physiology of Plants (3 credits), fall 2007.
- Landscaping engineer at Greater Irbid Municipality, Jordan, February – August 2007.
- Landscape designer at M.K. Associates, Jordan, June 2006 – February 2007.
- Graduate Teaching Assistant at JUST:
  - PP332 - Forage production, fall 2003.
  - PP424 - Landscape horticulture, spring 2003.
  - PP422 - Plant propagation, fall 2004.
  - PP323 - Floriculture, spring 2004.
- Supervisor Engineer, June 2003- January 2004. Red Flower Nurseries and Farms, Irbid, Jordan.

## **Special Skills, Courses, Qualifications, and Services**

- I have practical experience in using AutoCAD to design and prepare all landscape documents.
- Training and Certificates:
  - Learning Arc GIS Desktop, (24 course hours), certificate from ESRI, February, 2009.
  - Learning ArcGIS Spatial Analyst, (18 course hours), certificate from ESRI, February, 2009.
  - Introduction to Urban and Regional Planning Using ArcGIS 9, (18 course hours), certificate from ESRI, March, 2009.
  - Landscape architect, under supervision of Prof. Kamel Mahadin at the University of Jordan, Amman, and Dr. Anne Gharibeh at Jordan University of science and Technology, Irbid.
  - Leadership skills, Center for Civil Society Development, (JUST) 2002
- I helped my colleagues in managing the annual Nursery/Landscape competition for New Mexico Future Farmers Association (FFA), 2008, 2010, and 2011.
- I helped students and the city of Las Cruces through a suggested design for the Water Demonstration Garden. Spring, 2009.
- Founder and president of Agriculture Technology Club (JUST) 2002-2003.
- President of Scientific Research Club (JUST) 2000-2001.
- Director of King Hussein Award for Scientific Research (national award), JUST 2001.