

## *CURRICULUM VITAE*

**Family name:** Damhoureyeh

**First Name:** Said

**Date of Birth:** July 31, 1962

**Place of Birth:** Amman - Jordan

**Address:**

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**Education:**

- **Ph.D.** In Biological Sciences, Kansas State University, Manhattan-KS, USA, 1999.
- **M.Sc.** In Biological Sciences, Kansas State University, Manhattan-KS, USA, 1996.
- **B.Sc.** In Biological Analysis, University of Jordan, Amman-Jordan, 1984.

**Training Courses:**

- Training course in Microbial Genetic Engineering held at Taiwan, (March 5 - April 26, 1992).
- Training course in Fermentation Biotechnology held at University of Jordan in cooperation with McGill University, Montreal, Canada, (June 20-23, 1992).
- Training course in Plant Micro propagation held at University of Jordan in cooperation with McGill University, Montreal, Canada, (November 23-24, 1992).

**Experience and Posts:**

- **2016 – 2020**, Regional Councilor “West Asia” in the Global Council of the International Union for Conservation of Nature (IUCN),
- **2015 – till present**, University of Jordan Representative for the National Committee for the International Union for Conservation of Nature (IUCN),
- **2008 – 2016**, Steering Committee member of the Commission on Ecosystem Management (CEM), IUCN.
- **Nov, 2009 – Sep, 2010**, Chairman, Department of Biology, University of Jordan, Amman-Jordan
- **PADI** open water SCUBA diver, 2009.
- **Sep, 2008 – Nov, 2009**, Director, Marine Science Station, University of Jordan, Aqaba-Jordan
- **2008**, Associate Professor, Department of Biology, University of Jordan, Amman-Jordan.
- **Sep, 2005 – Sep, 2007**, Chairman, Department of Biology, University of Jordan, Amman-Jordan.
- **1999 -2007**, Assistant Professor, Department of Biology, University of Jordan, Amman-Jordan.
  - **Courses taught:**

- General Biology (BIOL 0304101)
- General Biology (BIOL 0304102)
- General Biology Lab. (BIOL 0304111)
- Vascular Plants (BIOL 0304252)
- General Ecology (BIOL 0334471)
- Marine Biology (BIOL 0304472)
- Ecosystems (BIOL 0304772)
- Plant Ecology (BIOL0304971)
- Environmental Management (BIOL 0304773)
- **1999** (Jun, 21 – Aug, 21) Lecturer, Department of Biology, University of Jordan, Amman-Jordan.
- **1994 - 1999**. Teaching Assistant, Department of Biology, Kansas State University, Manhattan-KS, USA.
- **1984-1994**. Laboratory Supervisor, Department of Biology, University of Jordan, Amman-Jordan.

**Honors, Awards and Activities:**

- Fulbright Alumni Development Award, 2001, Visited Konza Prairie Biological Station, Kansas, USA.
- Konza Prairie Research Natural Area Service Activities, 1994 - 1999. (Code Orange burn crewmember, bison roundup crew member, visitor's day volunteer).
- Fulbright Scholarship to Pursue my Graduate Studies, 1994.

**Research Interest:**

My major research interest is the effects of herbivory on vegetation, mainly at the population level. My doctorate research focused on the regrowth dynamics and population abundances of some selected tallgrass prairie plant species (forbs and grasses) in response to bison grazing. I'm involved in a research project to study the effects of grazing by different echinoids on marine algae. Recently, I'm involved in a research project about aquaculture. Moreover, I'm interested in studying the effects of grazing on the marginal rangelands and how it might affect these systems regarding desertification. Studying and conducting ecological surveys and vegetation analysis of different Biogeographical regions in Jordan. *Currently, I am involved in ecological research with a group of researchers from Karachi University (2013 till present) conducting joint ecological research at different regions in the Sindhi area, Pakistan.*

**Participation in Biodiversity Projects:**

- Team, member in the National Project “Medicinal and Herbal Plants of the Mediterranean Region of Jordan”, 2007 – 2008.
- University of Jordan Representative for the National Committee for the Biodiversity Strategy and Action Plan, 2002 - 2010.
- University of Jordan Representative for the National Committee for the International Union for Conservation of Nature (IUCN), 1999 - 2012.
- Jesus Christ Baptism Site Management Plan Preparation. 2000 - 2001. Team Member. Ministry of Tourism and Antiquities, Amman, Jordan.

- University of Jordan Representative for the Steering Committee for the Preparation of the Biodiversity Strategy and Action Plan for Jordan, 2000 - 2001.

## **Publications:**

### **1 - Thesis / Dissertation:**

- Variation in Grazing Tolerance Among Three Tallgrass Prairie Plants, Kansas State University, Manhattan, KS. 1999. Ph.D. Dissertation, 132pp.
- Effects of Bison and Cattle Grazing on Growth, Biomass Allocation and Reproduction of Five Tallgrass Prairie Forbs, Kansas State University, Manhattan, KS. 1996. MS Thesis, 45pp.

### **2 - Articles in Refereed Journals:**

- Abu Dieyeh, M., M. Zalloum, and S. **Damhoureyeh**. 2018. Indigenous rhizobacteria from arid land soil for growth promoting and suppressing *Fusarium oxysporum* in tomato. *Turkish Journal of Agriculture and Forestry*, Submitted.
- **Damhoureyeh, S. A.** 2018. Vegetation analysis of selected semi-arid sites in Al-Mafraq, Jordan. *Journal of Animal and Plant Sciences*, submitted.
- **Damhoureyeh, S. A.** 2017. Effects of simulated grazing (clipping) on plant population responses and resource allocation patterns in semi-arid environment. *Pak. J. Bot.*, 49(3):981-986.
- **Damhoureyeh, S. A.** and S. A. Ghalib. 2014. An Overview of status and distribution of mangroves forests and their wildlife in Sindh. *Canadian Journal of Pure and Applied Sciences*, 8(3): 3051-3055.
- Ghalib, S., S. Hussain, M. Khan, **S. Damhoureyeh**, A. Zehra, F. Fatima, B. Hussain, S. Siddiqui, D. Shakeel, F. Tabassum, N. Samreen, A. Khan, T. Jabeen, M. Hashimi, and S. Hasnain. 2013. An Overview of Occurrence, Distribution, and Status of the Birds of Khirthar Protected Area Complex (KPAC), Sindh. *Canadian Journal of Pure and Applied Sciences*, 7(3): 2515-2532.
- Al-Bakri, J., D. Al-Eisawi, **S. Damhoureyeh**, and S. Oran. 2011. GIS-based Analysis of Spatial Distribution of Medicinal and Herbal Plants in Arid and Semiarid Zones in the Northwest of Jordan. *Annals of Arid Zone*, 50(2): 99-115.
- **Damhoureyeh, S.**, A. Disi, I. Al-Khader, M. Abu-Dieyeh 2011. Development of a Zoning Management Plan for Petra Archaeological Park (PAP), Jordan. *Natural Science*, 3(12): 1040-1049.
- Rasheed, M., T. Al-Najjar, and S. **Damhoureyeh**. 2011. Distribution of Pigments in Reef Sediments, Contribution of Phytoplankton to Organic Matter Budget in Coral Reef. *Natural Science*, 3(5): 344-350.
- **Damhoureyeh, S.**, M. Qarqaz, M. Abu Baker, N. Himdan, E. Eid, and Z. Amr. 2009. Reptiles and Amphibians in Dibbeen Nature Reserve, Jordan. *Vertebrate Zoology*, 59: 169 – 177.
- Al-Hmoud, A., M. Janaydeh, **S. Damhoureyeh** and F. Khoury. 2007. Inter-locality Variation in the Reproductive Ecology of the Linnet, *Carduelis cannabina*, in Jordan. *Zoology in the Middle East*, 42: 47-58.

- Zibdeh, M. Kh. and S. A. **Damhoureyeh**, and M. I. Badran. **2007**. Temporal variations in coral reef health at a coastal industrial site on the Gulf of Aqaba, the Red Sea. *Oceanologia*, 49(4):565-578.
- **Damhoureyeh**, S. A. **2007**. Herbaceous Vegetation Cover Analysis of Selected Sites in Jordan. *Dirasat*, 34(1): 34-42. *Scientific Note*.
- Jabarin A. S. and S. A. **Damhoureyeh**, **2006**. Estimating the Recreational Benefits of Dibeen National Park in Jordan using Contingent Valuation and Travel Cost Methods. *Pakistan Journal of Biological Sciences*, 9 (12):2198-2206.
- Zibdeh, M. Kh. and S. A. **Damhoureyeh**. **2006**. Spatial and Temporal Distribution of Macroalgae along the Jordanian Coast of Gulf of Aqaba, Red Sea. *Dirasat*, 33(1): 35-48.
- **Damhoureyeh**, S. A., A. M. Disi, I. A. Al-Khader, and Sh. Al-Jboor. **2004**. The Azraq Oasis: Biodiversity, Threats and Conservation. *Annals of Arid Zone*, 43(3+4): 317-334.
- Disi A. M., S. A. **Damhoureyeh**, I. A. Al-Khader, and Sh. Al-Jboor. **2004**. The Badia of Jordan: Biodiversity, Threats and Conservation. *Annals of Arid Zone*, 43(3+4): 293-316.
- **Damhoureyeh**, S. A. and I. Al- Khader. **2003**. Vegetation Ecology and Management of Jesus Christ Baptism Site. *Dirasat*, 30(2):230-240.
- **Damhoureyeh**, S.A. and D.C. Hartnett. **2002**. Variation in grazing tolerance among three tallgrass prairie plant species. *Amer. J. Botany*, 89(10): 1634-1643.
- **Damhoureyeh**, S. A. and D. C. Hartnett. **1997**. Effects of bison and cattle on growth, reproduction and abundance of five tallgrass prairie forbs. *Amer. J. Botany*, 84(12): 1719-1728.

### 3 - Reports:

- **Team Member**. **2001**. Jesus Christ Baptism Site Management Plan, Ministry of Tourism and Antiquities, Amman, Jordan.
- Disi A. M., S. A. **Damhoureyeh**, I. A. Al-Khader, and Sh. Al-Jboor. **2004**. Conserving Biodiversity in the Badia Region: Jordan. *Sharing Innovative Experiences: Examples of the Successful Conservation and Sustainable Use of Dryland Biodiversity*, 9: 29-34. UNDP.

### Research Activities

- Sustainable and Profitable Aquaculture of Giant Clam (*Tridacna spp.*) in the Jordanian Sector of the Gulf of Aqaba (Red Sea). A Joint Research between the University of Jordan and the Marine Science Station (Drs. M. Zibdeh, Badran, and Rasheed), Aqaba. Supported by the Scientific Research Fund, Ministry of Higher Education.
- Assessment of Grazers and Grazing Control on Algal Communities along the Jordanian Coast of the Gulf of Aqaba. A Joint Research between the University of Jordan and the Marine Science Station (Dr. M. Zibdeh), Aqaba. Supported by the Academic Research Deanship, University of Jordan.

### Presentations and Posters:

- Erasmus plus Credit Mobility Fund, Estonian University of Life Science, Climate Change in Jordan. **2018**.
- The World Forum on Ecosystem Governance. Beijing, **2015**.

- The Second International Forum of the Quranic Botanic Garden, Commission on Ecosystem Management (CEM) and Quranic Botanic Garden (QBG), Doha, Qatar, April, **2014**.
- Communities and Ecosystems in Transitions, McCall, ID, USA, Sep., **2011**.
- Integration of Ecosystem Based Management Principles into river Basin and Mangrove Management Plans, Nadi, Fiji, March, **2011**.
- New Learning for Sustainability in the Arab Region, Bibliotheca Alexandria, Alexandria – Egypt, 30 Aug. – 1 Sep., **2007**.
- **Damhoureyeh, S. A. 2004**. The Azraq Oasis: A Success Story. 3<sup>rd</sup> IUCN World Conservation Congress, Bangkok, Thailand.
- **Damhoureyeh, S. A. and I. Al- Khader. 2001**. Vegetation Analysis of Jesus Christ Baptism Site. Jordanian Conference of Biological and Medical Laboratory Sciences. (Poster).
- **Damhoureyeh, S. A\*. and D. C. Hartnett. 1998**. Variation in grazing tolerance among three tallgrass prairie plant species. 10th annual Konza Prairie LTER workshop. (Presentation).

#### **Conferences and Workshops:**

- World Leaders' Conservation Forum, Jeju, Korea 10, 2018 and IUCN Global Council meeting 10, 2018.
- IUCN Global Council meetings, semi-annual (2016-2020).
- CEM IUCN steering committee meeting, Jordan 2018.
- First regional biodiversity forum, Abu Dhabi, UAE, 2018.
- WCPA IUCN steering committee meeting, Lebanon, 2018,
- First meeting to prepare for the Cop CBD meeting and Biodiversity forum, Lebanon, 2017.
- IUCN World Conservation Congress and the Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Honolulu, USA, Sep, 2016.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Santo Domingo, Dominican Republic, March, 2016.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), and the First World Forum on Ecosystem Governance (WFEG), Beijing, China, Oct., 2015
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), San Jose, Costa Rica, April, 2015.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Raratonga, Cook Islands, Oct., 2014.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Doha, Qatar, April., 2014.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Nairobi, Kenya, Sept., 2013.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Gland, Switzerland, April, 2013.

- IUCN World Conservation Congress and the Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Jeju, South Korea, Sep, 2012.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Salta, Argentine, March, 2012.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Moscow, ID, USA, Sep, 2011.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Suva, Fiji, Feb, 2011.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Amsterdam, Netherlands, Sep, 2010.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Bissau, Guinea-Bissau, April, 2010.
- Annual meeting of the Steering Committee of the Commission on Ecosystem Management (CEM), Hustai National Park, Mongolia, Sep, 2009.
- IUCN World Conservation Congress, 5 – 15 Oct, 2008. Barcelona, Spain.
- IUCN Mediterranean Members Meeting, 5 – 8 Sep., 2007. Malaga - Spain.
- IUCN/WESCANA Sixth Regional Conservation Forum, 22 - 26 May, 2007. Tehran - IR Iran.
- Workshop on Arab Botanical Gardens sponsored by The Royal Botanical Garden, April, 2007, Amman - Jordan.
- Workshop on How to enhance collaboration between Jordan Universities and the Marine Science Station, Nov., 2006, Aqaba - Jordan.
- Training Trainers for Tempus, 26, June - 9, July 2005, University of Jordan, Amman – Jordan.
- National Biodiversity Experts Meeting. Ministry of Environment/ workshop and discussion of the implementation and activation of the National Biodiversity Strategy and Action Plan. 14, Mar. 2005. Amman, Jordan.
- IUCN World Conservation Congress, 17 – 25 Nov, 2004. Bangkok, Thailand.
- Azahar Workshop on Ecotourism as a Driving Force of Sustainable Development, 6 - 19 Sep, 2004. Malaga, Spain.
- IUCN Mediterranean Members Meeting, 19 - 22 June, 2004. Naples, Italy.
- IUCN/WESCANA Fifth Regional Conservation Forum, 5 - 7 April, 2004. Amman, Jordan.
- Regional Inception Meeting for the Arab Region, Millennium Ecosystem Assessment, 29-30 Sep, 2003. Manama, Bahrain.
- IUCN/WESCANA Forth Regional Conservation Forum, 15-17 Sep, 2002. Kuwait city, Kuwait.

- The Jordanian Conference on Biological and Medical Laboratory Sciences. 2001. Amman, Jordan.
- Workshops for Jordan Biological Diversity and Action Plan. 2000 - 2001. Amman, Irbid and Aqaba.
- American Ecological Society Conference. 1995. Snowbird, Utah, USA.

#### **Membership in Professional Societies:**

- Member of the following IUCN commissions (CEM, WCPA, CEC)
- Jordan Society for Biological Sciences, Amman, Jordan.
- Long-term Ecological Research Network - Konza Prairie Research Natural Area, Kansas, USA.

#### **University and Departmental Committees**

- University of Jordan Representative for the National Committee for the Biodiversity Strategy and Action Plan, 2002 – till now.
- University of Jordan Representative for the National Committee for the International Union for Conservation of Nature (IUCN), 1999 – till now.
- University of Jordan Council member for the faculty of Science, 2018
- Member of the scientific committee for the department of Biology and the faculty of Science, 2018.
- Member of the graduate studies committee for the department of Biology, 2018.
- Graduate Studies committee, Biological Sciences Department. 2012.
- Team member for the establishment of the university of Jordan - Aqaba Branch, Structure and academic Plans 2009
- Graduate Studies Committee of Faculty of Science, University of Jordan, 2006, 2010.
- Study Plan Committee of Faculty of Science, University of Jordan.
- Graduate Studies Committee of the Biological Sciences Department, University of Jordan, 2006.
- General Biology Review Committee of the Biological Sciences Department, University of Jordan.
- Study Plan Committee of the Biological Sciences Department, University of Jordan.
- Safety and Building Maintenance of the Biological Sciences Department, University of Jordan.
- Social Activities Coordinator of the Biological Sciences Department, University of Jordan.

#### **Examination and Research Advisory committees:**

- Examination Committee, **Master Thesis**. *Ecological Impacts of Industrial Yeast Waste Water on Weed communities in Al-Russiefa Area, Jordan*. 2013. **Mahmoud Diab**. Deanship of Scientific Research and Graduate Studies, The Hashemite University
- Examination Committee, **Master Thesis**. *Strategic Environmental Assessment of Jordan's Nuclear Power Program*. 2012. **Jomana AL-Btoosh**. Faculty of Graduate Studies, Department of Environmental Management, University of Jordan.

- Examination Committee, **M. Sc. Comprehensive Exam**, Faculty of Graduate Studies, Department of Environmental Management and Department of Biological Sciences.
- Examination Committee, **Ph D Qualifying Exam**, Faculty of graduate Studies, Department of Biological Sciences.
- Examination Committee, **Master Thesis**. *A Study of Airborne Fungal Spores in the Atmosphere of Zarqa Area, Jordan. 2011. Raghda Barham*. Deanship of Scientific Research and Graduate Studies, The Hashemite University.
- Examination Committee, **Master Thesis**. *A Study of Airborne Pollen Grains in the Atmosphere of Zarqa Area, Jordan. 2010. Yassmin Ratrout*. Deanship of Scientific Research and Graduate Studies, The Hashemite University.
- Examination Committee, **Ph D Dissertation**. *Systematic Study of the Genus Onopordum (Asteraceae) in Jordan. 2007. Enas Yasin Al-Zu'abi*. Deanship of Graduate Studies, Department of Biological Sciences, University of Jordan.
- Examination Committee, **Master Thesis**. *Environmental Assessment of Salient Ecological Conservation of Azraq Oasis: the Past and Present Management Approaches. 2007. Majdi Salameh*. Faculty of Graduate Studies, Department of Environmental Management, University of Jordan.
- Examination Committee, **Master Thesis**. *Micropropagation of the Wild Endangered Daffodil Narcissus tazetta L. 2006. Hamad "Moh'd Fathi" Abu Zahra*. Deanship of Graduate Studies, Department of Biological Sciences, University of Jordan.
- Examination Committee, **Master Thesis**. *The Ecology of Pollen Gathering by the Honeybee Apis mellifera in Jordan. 2006. Eshraq A. Abu Seini*. Deanship of Scientific Research and Graduate Studies, The Hashemite University.
- Examination Committee, **Ph D Dissertation**. *Systematic Study of the Genus Allium (Liliaceae = Alliaceae) in Jordan. 2006. Ghadeer Ibrahim Omar*. Deanship of Graduate Studies, Department of Biological Sciences, University of Jordan.
- Examination Committee, **Master Thesis**. *The Structure of Bird Communities in Natural and Modified Landscapes in the Southern Wadi Araba, Jordan. 2005. Moh'd M. Al-Shamlih*. Deanship of Scientific Research and Graduate Studies, The Hashemite University.
- Examination Committee, **Master Thesis**. *Domestic Solid Waste Management at Amman Area: Evaluation of Existing Management. 2005. Thair Al-Abbadi*. Faculty of Graduate Studies, Department of Environmental Management, University of Jordan.
- Examination Committee, **Master Thesis**. *Comparative Study for the Environmental Awareness of Agricultural Advisors Working in Public and Private Sectors. 2004. Suha Al-Bitar*. Faculty of Graduate Studies, Department of Environmental Management, University of Jordan.

**Major Advisor for Graduate Students**



- Major Advisor, **M. Sc. Research**, *The Effect of Habitat Quality on Breeding Success of Two Finch Species found in Jordan (Linnet Finch & Desert Finch)*. **2006. Abdurrazaq Hmud**, Faculty of Graduate Studies, Department of Environmental Management, University of Jordan.

#### **Community Service**

- Cleaning of Sea Bottom in different Touristic Sites in Aqaba Gulf Coast, Jordan, 2009.
- Wild animals week, organized by RSCN and IFAW, at Debeen natural area, 2006.
- Cleaning of National Parks and other Touristic Sites in Jordan with the Help of Ecology Students at the Biological Science Department, University of Jordan.
- Participant of the University of Jordan Community Service Program “University Student’s Families”.