

# ***HAIBAT ALI***

## ***Research Officer***

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## **MAILING ADDRESS**

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## **EDUCATION**

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### **• Ph.D.**

Enrolled/Admission since 2007.  
Title: Halophytic fodder production and its suitability as cattle feed.  
Adviser: Prof. Dr. M. Ajmal Khan.  
Institute of sustainable halophyte utilization, University of Karachi, Karachi, Pakistan.

### **• M.Sc. (Botany- Plant Ecology).**

2005-2006. Department of Botany, University of Karachi, Karachi, Pakistan,

### **• B.Sc. Hons. (Botany).**

2002- 2004, University of Karachi, Karachi, Pakistan.

### **• Intermediate (Pre-Med).**

2000, Jamia Millia Govt. Degree College, Karachi, Pakistan.

### **• Matriculation (Science).**

1998 Federal Board, Islamabad, Pakistan

## **MAJOR RESEARCH INTERESTS**

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Screening and development of cash-crop halophytes and optimizing the fodder/forage quality by using brackish water and utilization of halophytic shrubs as a source of animal fodder

## **SCIENTIFIC EQUIPMENTS**

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- Kjeldahl apparatus
- Soxhlet apparatus
- Rotary evaporator
- Spectrophotometer

## COMPUTER SKILLS

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- Microsoft Windows, Microsoft Office, Sigma Plot, SPSS & Internet

## MEMBERSHIP OF WEB - BASED DISCUSSION GROUPS

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- **2006:** Plant stress Group (Yahoo)
- **2006:** Halophyte Group (Yahoo)

## RESEARCH EXPERIENCE

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- **2011-Onwards:** *Research officer* in Institute of Sustainable Halophyte Utilization (ISHU), University of Karachi, Karachi, Pakistan.
- **2006-2011:** *Research Associate* in PAS Approved Project entitled "Use of halophytic shrubs as alternate source of cattle fodder."

## SEMINARS / CONFERENCES / WORKSHOPS ATTENDED

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- **2011:** Advances in Ecophysiology of salt tolerance (April 11-13) at Institute of sustainable halophyte utilization, University of Karachi.
- **2010:** Workshop on "Physiological Ecology of Salt Tolerance" (April 27-29), Institute of Sustainable halophyte Utilization, University of Karachi.
- **2008:** Workshop on Recent Trends in Plant Sciences: Impact On Biodiversity (April 16-18) organized by Institute of Sustainable Halophyte Utilization, University of Karachi, Karachi.
- **2006:** "Community Concepts and Succession" in Life Sciences- HEC Workshop on advances in Plant Ecology (July 3-6, 2006), Department of Botany, University of Karachi

## RESEARCH PUBLICATIONS AND PATENTS

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- 1 Khan, M.A., R. Ansari, **H. Ali**, B. Gul and B. L. Nielsen. 2009. *Panicum turgidum*: a sustainable feed alternative for cattle in saline areas. Agriculture, Ecosystems & Environment 129: 542-546.
- 2 Khan, M. A., R. Ansari, **H. Ali**, B. Gul and B.L. Nielsen. 2009. *Panicum turgidum*, a potentially sustainable cattle feed alternative to maize for saline areas. Agriculture, Ecosystems and Environment 129: 542-546. Highlighted as a Science Editors' Choice: Controlling Salt Intake (Jan. 2, 2009 Science issue) 323: 17.
- 3 Khan, M.A., **H. Ali**, B. Gul and R. Ansari. 2011. A new cropping system by using saline resources. Application No:30/2010 and SI No: 141125. Accepted date 26/01/2011.

## MANUSCRIPTS SUBMITTED

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1. Bilquees Gul, Raziuddin Ansari, **Haibat Ali**, M. Yousuf Adnan , Darrell J. Weber, Brent L. Nielsen , Hans -W. Koyro and M. Ajmal Khan: The sustainable utilization of saline resources for live stock feed production in arid and semi-arid regions: A model from Pakistan. Submitted in Environmental and Experimental Botany, 2010.
2. **Haibat Ali**, Raziuddin Ansari, M.Yousuf Adnan, Bilquees Gul, Asamoah Larbi and M. Ajmal Khan: Use of halophytic shrubs as alternate source of cattle fodder. Submitted in Animal Feed Science and Technology, 2011.

## REFERENCES

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1. **Prof. Dr. Muhammad Ajmal Khan S.I.**  
Director/Professor, Institute of Sustainable Halophyte Utilization  
University of Karachi, Karachi-75270, Pakistan  
Email: [khanm74@yahoo.com](mailto:khanm74@yahoo.com)
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Associate Professor, Institute of Sustainable Halophyte Utilization  
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3. **Dr. Raziuddin Ansari**  
HEC Professor, Institute of Sustainable Halophyte Utilization  
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