



## **GALAL SALEM**

University Lecturer

### **PROFILE:**

My research is focused on answering the most significant questions associated with how microorganisms interact with plant roots and exert their beneficial effects on plant growth under environmental stress.

### **CONTACT:**

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### **EDUCATION:**

**PhD in Horticulture**  
2013-2018

**Colorado State University (CSU)**

The role of microorganisms in enhancing plant growth under stressful conditions.

**Master in Botany**  
2005-2010

**University of Benghazi**

Isolation and examination of Actinomycetes as a source of antimicrobial agents from Libyan soil.

**Bachelor in Botany**  
1994-1998

**University of Benghazi**

### **PROFESSIONAL EXPERIENCE:**

### **SKILLS SUMMARY:**

Microsoft office (Excel, Word and PowerPoint).  
Ability to work individually or in a team.

- Teaching assistant in Botany department, faculty of science, university of Benghazi, Libya- from 2002-2009.
- In 2010, assistant lecturer in Botany department faculty of science, university of Benghazi.
- President of the Libyan Student Association at CSU for the period Fall 2014 – Fall 2015.
- Libyan heritage organizer, culture and customs between the international community and the campus at CSU - 2016.
- In 2018, lecturer in Botany department, faculty of science, university of Benghazi.
- Teaching:
  - Microbiology
  - Bacteriology
  - Antibiotics
  - Soil microbiology
- Head of Botany department, university of Benghazi, Libya, from 2019 – present.

### **CURRENT RESEARCH PROJECTS:**

- Soil Ecology and Microbiology

### **HOBBIES:**

I usually spend my spare time playing games or sports such as football/soccer and table tennis.

### **PUBLICATIONS:**

- Salem, G.; Stromberger, M.E.; Byrne, P.F.; Manter, D.K.; El-Feki, W.; Weir, T.L. Genotype-specific response of winter wheat (*Triticum aestivum* L.) to irrigation and inoculation with ACC deaminase bacteria. *Rhizosphere* 2018, 8, 1–7.