

# Curriculum vitae

## PERSONAL INFORMATION



## Samir Mohamed

📍 Agricultural Microbiology Department, Faculty of Agriculture, Minia University, 61517 El-Minia

✉ samir.mohamed@mu.edu.eg

## WORK EXPERIENCE

26/02/2013–Present

### Assistant professor

Minia University  
Main road, Ard Shalaby, 61517 El-Minia (Egypt)  
<http://www.minia.edu.eg/new/>

Teaching

Doing research

Training

**Business or sector** Soil Microbiology, Soil health, Agricultural Sciences

18/04/2014–17/10/2014

### Postdoc

Iowa State University  
2532 Agronomy Hall, 50010 Ames (United States)  
<http://www.agron.iastate.edu/personnel/userspage.aspx?id=1744>

Research

Training

**Business or sector** Soil biochemistry, Soil microbiology

25/04/2010–10/05/2012

### Visiting Scientist

Iowa State University, Agronomy  
2532 Agronomy Hall, 50010 Ames (United States)  
<http://www.agron.iastate.edu/personnel/userspage.aspx?id=1744>

PhD

Research

**Business or sector** Soil microbiology, Heavy metals, Enzymes activity

27/07/2007–12/2012

### Assistant teaching

Minia University, El-Minia (Egypt)

■ Teaching

■ Research

**Business or sector** Agricultural microbiology

12/11/2003–27/07/2007

### Teaching assistant

Minia University, El-Minia (Egypt)

■ Teaching

■ Research

**Business or sector** Agricultural microbiology

## EDUCATION AND TRAINING

02/2008–12/2012

**PhD**

Joined Supervision Program between Minia University-EGYPT and Iowa State University-USA

- Teaching
- Courses in Soil Microbiology
- Research
- Training
- Seminars

02/2004–07/2007

**M.Sc**

Minia University, El-Minia (Egypt)

- Teaching
- Courses in soil microbiology
- Research in soil microbiology

09/1999–06/2003

**B.Sc**

Faculty of Agriculture, Minia University, El-Minia (Egypt)

Study Agricultural sciences

## PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills

- Excellent written and verbal communication skills
- Confident, articulate, and professional speaking abilities
- Speaking in public, to groups, or via electronic media
- Excellent presentation

Organisational / managerial skills

- Leadership (currently responsible for a team work of 5 students)
- Good organizational skills gained as conferences organizer ,responsible for registration process.
- Creating and keeping deadlines
- Goal setting and Decision making
- Managing appointments
- Problem solving, Productivity, Teamwork and Team leadership

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving

Independent user	Proficient user	Independent user	Proficient user	Proficient user
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Digital skills - Self-assessment grid

(ICDL) International Computer Driving License

Microsoft Word - Excel - PowerPoint

## ADDITIONAL INFORMATION

### Areas of interest

Soil/Plant/Microbe/environment interactions, Reactions of heavy metals in soils, Soil enzymes, Chemistry and biochemistry of C and N reactions and transformations in soils, Microbial biomass C and N, Biological nitrogen fixation, Biochar effect in soils, Soil health.

### College and Department contributions

- The secretary of the Council of Bio-fertilizers center
- Academic Advising Committee
- The secretary of the Council (Agricultural Microbiology Department)
- Deputy Director of Quality Assurance Unit
- Member of the Tripartite Commission in Quality Section
- Responsible of Standard Strategic Planning
- Coordinator of the cultural program

### Teaching Responsibilities

#### ■ Undergraduate

I teach:

Agric. Microbiology 201 (General Microbiology)  
Agric. Microbiology 308 (shifts elements in soils)  
Agric. Microbiology 309 (Soil Microbiology)  
Agric. Microbiology 416 (Discussions)

#### ■ Master

I teach:

Agric. Microbiology 600 (Special studies)  
Agric. Microbiology 610 (Enzymes)

#### ■ PhD

I teach: Agric. Microbiology 701 (Soil Microbiology) Agric. Microbiology 713 (shifts elements in soils)

### Honours and awards

- International publication: Minia University-Egypt (2014).
- Best PhD thesis in 2013.
- International publication: Minia University-Egypt (2018).

### Community services

- Commander of veterinary and medical convoys to serve the poor people of the province of El-Minia (2015 to present)
- Responsible of the environmental week under the slogan: My University always beautiful (2015 to present)
- Organizer of Orphan Day celebration (2016 to present)
- College coordinator of the National Center for Innovation and Entrepreneurship (2015 to present)

- Certifications**
- Academy on Green Jobs Promotion in the MENA Region.
  - Leadership Development Course
  - ICDL "International Computer Driving License"
  - International TOEFL test (IBT).
  - Local TOEFL test (ITP).
  - Uperintermediate English courses
  - Intermediate English courses
  - Plant Tissue Culture and Transformation Technique
  - Molecular Marker Technique and Fingerprinting

**Courses and Academies**

**\*Arab Academy for Science and Technology and Maritime Transport (AASTMT) Alexandria, Egypt.**

1. Academy on Green Jobs Promotion in the MENA Region (2017).

**\*Department of Environmental Health and Safety. Iowa state University, Ames, Iowa, USA.**

- 1-Fire Safety and Extinguisher Training (2014).
- 2-Autoclave Training (2014).
- 3-Biosafety Cabinets: Working Safely (2014).
- 4-Biohazardous Materials: An Introduction (2012).
- 5-Biosafety in Microbiological and Biomedical Laboratories (2011).
- 6-Hazardous Materials Shipping Awareness (2011).

**\*Agricultural Genetic Engineering Research Institute (AGERI) Cairo, Egypt.**

- 1-Plant Tissue Culture and Transformation Technique (2008).
- 2-Molecular Marker Technique and Fingerprinting (2007).

**\*FLDP- Minia University, El-Minia, Egypt.**

- 1.Strategic Planning (2017).
- 2.Effective Communication (2016).
- 3.Research Ethics.
- 4.Scientific publication (2012).
- 5.Effective teaching (2008).
- 6.Effective presentation (2006).
- 7.Research methodology (2004).

**Workshops**

- Authorship (Elsevier).
- Smart ways to quickly find the best academic literature (Elsevier).
- How to write a manuscript.
- English for Science.
- Research Methodology

**Memberships**

- Soil Science Society of America (SSSA).
- American Society of Agronomy (ASA).
- Crop Science Society of America (CSSA).

- Conferences**
- ASA, CSSA, SSSA, International annual meeting (Soil fertility and plant nutrition) Oct. 16-19, 2011, San Antonio, TX, USA. (Presenter).
  - ASA, CSSA, SSSA, International annual meeting (Soil Biology and Biochemistry) Oct. 21-24, 2012, Cincinnati, Ohio, USA. (Participant).
  - Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and the SECOTOX Conference, Mykonos island, Greece, June 14-18, 2015. (Presenter).
  - Sixth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and the SECOTOX Conference, Thessaloniki, Greece, June 25-30, 2017. (Presenter)
- Publications**
1. Samir A. Haddad, J. Lemanowicz, M. M. Abd El-Azeim. 2018. Cellulose decomposition in clay and sandy soils contaminated with heavy metals Int. J. Environ. Sci. Technol. accepted.
  2. S. A. Haddad, M. A. Tabatabai, and T. Loynachan. 2017. Effects of liming and selected heavy metals on ammonium release in waterlogged agricultural soils. Biol. Fertil. Soils. 53(2): 153-158.
  3. Abd El-Azeim, M. M., S. A. Haddad. 2017. Effects of biochar on sandy soil health under arid and semiarid conditions. Sixth International Conference on Environment Management, Engineering, Planning and Economics (CEMEPE 2017) & Soil Ecotoxicology conference, Thessaloniki, Greece, 25 – 30 June, 2017. ISBN: 978-618-5271-15-2.
  4. Samir A. Haddad, Marwa MR. M. Ahmed, M. M. Abd El-Azeim. 2017. Plant growth, enzymes and microbial activities of soils ecosystem contaminated with heavy metals. Egypt. J. Exp. Biol. (Bot.), 13 (1) 69-80.
  5. Yasser M.M. Moustafa, Samir A. Haddad, Marwa MR. M. Ahmed. 2017. Influence of Bio-fertilization with the Red Yeast (*Phaffia rhodozyma*) on Growth, Yield and Inulin Content of Jerusalem artichoke. Egypt. J. Exp. Biol. (Bot.), 13 (1) 111-117.
  6. Samir A. Haddad, M. A. Tabatabai, Abdel-Moneim A. Abdel-Moneim and T. Loynachan. 2015. Inhibition of nodulation and nitrogen nutrition of leguminous crops by selected heavy metals. Air, Soil and Water Res. j.8, 1-7.
  7. S. A. Haddad, M. A. Tabatabai, and T. Loynachan. 2015. Factors affecting activities of organic nitrogen hydrolases in soils, Abstract, Mykonos, Greece.
  8. S. A. Haddad, M. A. Tabatabai, and T. Loynachan. 2013. Biochemical processes controlling soil nitrogen mineralization under waterlogged conditions. Soil Sci. Soc. Am. J. 77 (3) 809-816.
  9. S. A. Haddad, M. A. Tabatabai, and T. Loynachan. 2012. Factors affecting nitrogen mineralization in soils under waterlogged conditions. 390-8 Agron. Abstracts, Madison.
  10. S. A. Haddad, M. A. Tabatabai, A. A. Abdel-Moneim, and T. Loynachan. 2011. Effects of Concentration of Selected Heavy Metals on Nodulation and Nitrogen Nutrition of Leguminous Crops. 363-8 Agron. Abstracts, Madison.
- Websites**
- [https://scholar.google.com/citations?view\\_op=list\\_works&hl=ar&user=UNPtZLIAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=ar&user=UNPtZLIAAAAJ)
  - [https://www.researchgate.net/profile/Samir\\_Haddad3?ev=hdr\\_xprf&\\_sg=UDF9jslZLaG3W/Hs7z5YzS0G-2rqSW1c3jLklnyqSL\\_m8CYXrVfs-hsRYOW3eD9C](https://www.researchgate.net/profile/Samir_Haddad3?ev=hdr_xprf&_sg=UDF9jslZLaG3W/Hs7z5YzS0G-2rqSW1c3jLklnyqSL_m8CYXrVfs-hsRYOW3eD9C)
  - <https://orcid.org/my-orcid>
  - <https://www.scopus.com/authid/detail.uri?authorId=55793288200>