

Islam Mohammad Zidan, PhD

Postdoctoral Researcher

 33 El-Bohouth St., Dokki, Giza, Biological and Agricultural Research Ins., Pests and Plant Protection Dept., 12622, Giza, Egypt.
 im.zidan@nrc.sci.eg  islamzidane@gmail.com  islamzidane@hotmail.com  +20 10 6500 9845
 @Zidan_IM_PhD  [islamzidan](https://www.linkedin.com/in/islamzidan)  [IslamZidan](https://soundcloud.com/islamzidan)  [researchgate.net/profile/Islam_Zidan](https://www.researchgate.net/profile/Islam_Zidan)  [0000-0003-0186-7784](https://orcid.org/0000-0003-0186-7784)
 <https://scholar.google.com/citations?user=XdzPaQIAAAAJ&hl=en&oi=ao>
 23/02/1986  Egyptian

WORK HISTROY

[27/12/2021 – Current] **Postdoc Researcher** *National Research Centre (NRC).*
[31/12/2015 – 12/2021] **PhD Assistant Researcher** *National Research Centre (NRC).*
[19/11/2012 – 30/12/2015] **Research Assistant** *National Research Centre (NRC).*
[17/08/2008 – 18/11/2012] **Agricultural Specialist** *National Research Centre (NRC).*

EDUCATION

[23/03/2016 – 24/06/2021] **PhD. in Agricultural Zoology** - *Faculty of Agriculture, Cairo University.*
[19/01/2010 – 01/12/2014] **MSc. In Agricultural Zoology (Acarology)** - *Faculty of Agriculture, Cairo University.*
[20/09/2003 – 30/06/2007] **BSc. in Agricultural Sciences (Entomology)** - *Faculty of Agriculture, Cairo University.*

LANGUAGE SKILLS

Mother tongue: Arabic

English LISTENING  | READING  | WRITING  | SPOKEN PRODUCTION  | SPOKEN INTERACTION 

DIGITAL SKILLS

Microsoft Word 	Clouds 	R language 	Prezi 
Microsoft PowerPoint 	Google Earth 	Python 	Twitter 
Microsoft Excel 	QGIS 3.16.3 	BioDiversity Pro 	Mendeley 
Outlook 	IBM SPSS 	PAST 4.08 Pro 	ICDL 

NETWORKS AND MEMBERSHIPS

A member of the Norwegian Entomological Society (NEF) – 2020.
A member of the Egyptian Society of Acarology (ACARINES) - 2009.

PROJECTS

[2022 – Current] **PRIMA project** (Collaboration).
[2019 – 2022] **NRC inhouse project:** Studies of the parasitic mites of honey bees: morphological and molecular diagnosis: identification of the guest mites in the hives (Member).
[2007 – 2008] **STDF Project:** The use of predatory mites to control the two-spotted spider mite in greenhouses (Member).

COMMUNICATION, INTERPERSONAL, AND JOB-RELATED SKILLS

[22/07/2022 – 23/07/2022] **Introduction to Python for bioinformatics.**
[21/03/2022 – 22/03/2022] **Ideation camp: Entrepreneurship** Technology, Innovation & Commercialization Office (TICO) - (NRC).
[22/12/2021] **Successful Proposal for ASRT, STDF, and other organizations** National Institute of Standards (NIS).
[21/01/2020] **Statistical Analysis using SPSS** Conference Unit - National Research Centre (NRC).
[01/07/2019 – 02/07/2019] **Research Ethics** Faculty and Leadership Development Center (FLDC) - CU.
[15/04/2019 – 16/04/2019] **Competing for Research Funds** (FLDC) - CU.
[04/2016] **Self marketing** German Academic Exchange Service (DAAD).

[21/09/2015] **Proposal Writing** German Academic Exchange Service (DAAD).
[14/06/2015] **How to present scientific data** German Academic Exchange Service (DAAD).

CONFERENCES AND SEMINARS

[19/07/2022] **The second Conference of Biotech Sciences** Cellena Scientific Company, Cairo.
[14/03/2022 – 16/03/2022] **7th International Date Palm Conference (IDPC)** Abou Dhabi, UAE (Poster participation).
[29/10/2021 – 31/10/2021] **Smart Agriculture for Resource Conservation and Ecological Stability** International Web Conference (Online) - The Academy of Natural Resource Conservation and Management (ANRCM), India.

VOLUNTEERING/ACTIVITIES

Translator (Into Arabic) The Frontiers for Young Minds *FYM*, Soil Biodiversity collection - 2022.
Reviewer American Journal of Entomology – 2022.
Bulletin of the National Research Centre (BNRC) – 2021.

PUBLICATIONS

- **Survival, development and reproduction of *Euseius finlandicus* (Oudemans) (Acari: Phytoseiidae) fed on various kinds of food substances**

<https://doi.org/10.1080/03235408.2013.823715>

- **How organic medicinal plants affect life table parameters of *Tetranychus urticae* (Acari: Tetranychidae)?**

<https://www.biotaxa.org/pja/article/view/202117>

- **Integration of Biological Control of the Spider Mites (Acari: Tetranychidae) and Gene Control of the Red Palm Weevil (Coleoptera: Curculionidae) Infesting Palm Trees: A Review**

A poster, 7th IDCP, Abou Dhabi

- **Predatory mites, a green pesticide, and an Entomopathogenic compound: A proposed IPM tactic based on pest species diversity indices and population dynamics**

Accepted for publication (Persian Journal of Acarology, 2022), a preprint is available <https://doi.org/10.1101/2022.02.12.480204>

- **Complimentary description of the family Varroidae Delfinado & Baker: Morphological characters and Gene markers (Mesostigmata: Varroidae)**

(Manuscript has been submitted, and went for review progress Jan 2022).

- **Arthropods and weeds: biodiversity, distribution, and impacts on two organic ecosystems; hypothesis for better IPM designing**

A preprint is available <https://doi.org/10.20944/preprints202202.0190.v1>

- **Marine invertebrate diversity and distribution; the evidence of human activities in Rommel Bay. A Research Note**

A preprint is available <https://doi.org/10.1101/2022.01.23.477416>

- **Arthropod diversity and distribution; how do the NRCERS agricultural procedures impact? A Review**

A preprint is available <https://doi.org/10.20944/preprints202202.0173.v1>

THESIS

- **Zidan, 2021.** Biodiversity and natural control of mites associated with medicinal plants in organic farming systems. PhD. Thesis, Cairo University, Faculty of Agriculture. 250 pp.

- **Zidan, 2014.** Feeding Habits and predatory behaviour in some species of phytoseiid mites used in biological control. MSc. Thesis, Cairo University, Faculty of Agriculture. 145 pp.