Curriculum Vitae

NAME & SURNAME: Sedighe Azimi

DATE OF BIRTH: 1976

ADDRESS, SUBURB, STATE, POSTAL CODE: Department of Plant Protection, Faculty of Agriculture, Shahid Chamran University of Ahvaz, Ahvaz- Iran, Postal Code: 61357-43311

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PROFESSIONAL PROFILE:

Assistant Professor of Plant Pathology-Nematology in Shahid Chamran University (SCU) of Ahvaz, Iran (from 2005 up to now).

- Orcid ID: 0000-0001-6922-4043
- Scopus ID: 56003223500
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- Google scholar page: https://scholar.google.com/citations?user=wLVffLEA&user=wLVffLEAAAAJ
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EDUCATION BACKGROUND:

Ph.D.: Plant Pathology-Nematology, Department of Plant Protection, Faculty of Agriculture, Ferdowsi University of Mashhad, Mashhad, Iran (2011-2016).

Thesis title:

Identification of some plant parasitic nematodes of faba bean fields based on morphological and molecular characters in Khuzestan province

M.Sc.: Plant Pathology, Department of Plant Protection, Faculty of Agriculture, Shahid Chamran University of Ahvaz, Ahvaz, Iran (2001-2003).

Dissertation title:

Study of the causal agents of crown and root rot of *Vicia fabae* in Khuzestan province

B.S.: Plant Protection, Department of Plant Protection, Faculty of Agriculture, Shahid Chamran University of Ahvaz, Ahvaz, Iran (1995-1999).

TEACHING AND TRAINING EXPERINCE:

1. Phytopathology
2. Important Diseases of Fruit Crops
3. Introductory Mycology
4. Introductory Plant Nematology
5. Diseases of Ornamental, Vegetable and Cucurbit Plants
6. Methods and Equipment in Phytopathology Research
7. Principles of Nematology and Plant Parasitic Nematodes
8. Genetics of pathogenicity in plant pathogens
9. Nematode systematics and molecular phylogeny

HONOURS AND AWARDS:

- Top B.S. student in Plant Protection, Shahid Chamran University of Ahvaz (1999).
- Top M.Sc. student in Plant Pathology, Shahid Chamran University of Ahvaz (2003).

INTERESTS AND RESEARCH FIELDS:

- Study of biodiversity and taxonomy of plant-parasitic nematode genera
- Molecular identification and phylogenetic analysis of species and populations
- Study of biology and pathogenicity of nematodes to plants and their control

RESEARCH ACTIVITIES:

PUBLICATIONS:

1. **Azimi, S.** 2021. Description of *Basiria iranica* sp. nov. (Nematoda: Tylenchidae) from southwestern Iran and its phylogenetic relationships. Annales Zoologici, 71: 225-233.

2. Pour Ehtesham, N., **Azimi, S.**, Pedram, M. 2021. Some of the plant-parasitic nematodes related to okra in Khuzestan province, southwest Iran. Plant Protection (Scientific Journal of Agriculture), 44: 77-93.
3. Pour Ehtesham, N., **Azimi, S.**, Pedram, M. 2021. First molecular characterisation of *Helicotylenchus abunaamai* Siddiqi, 1972 and *H. dihystera* (Cobb, 1893) Sher, 1961 (Tylenchomorpha: Hoplolaimidae) from Iran. Russian Journal of Nematology, 29: 11-22.
4. **Azimi, S**., Abolafia, J., Pedram, M. 2020. *Hemicycliophora ahvasiensis* n. sp. (Nematoda: Hemicycliophoridae), and data on a known species, from Iran. Journal of Nematology, 52: 1-19.
5. Movahedifar, E., **Azimi, S**. 2020. New morphological observations on *Pratylenchus thornei* Sher & Allen, 1953 (Nematoda Pratylenchidae) based on the population from Iran. Redia-Giornale Di Zoologia, 103: 89-100.
6. **Azimi, S**., Pedram, M. 2020. *Hemicriconemoides phoenicis* Van den Berg *et al*., 2015 (Nematoda: Criconematidae) from Iran: a morphological and molecular phylogenetic study. Nematology 22, 815-824.
7. Eisvand, P., Farrokhi-Nejad, R., and **Azimi, S.** 2020. First report of *Meloidogyne javanica* (Treub, 1885) Chitwood, 1949 from tangerine tree in Iran. Plant Protection (Scientific Journal of Agriculture) 42, 81-95.
8. **Azimi, S**., Pedram, M. 2020. Description of *Criconema iranicum* n. sp. (Nematoda: Criconematidae) from Iran. Journal of Crop Protection, 9 (3): 497-505.
9. **Azimi, S**. 2019. Three species of the genus *Basiria* (Nematoda: Tylenchidae) from fruit orchards in Khuzestan province, Southwestern Iran. Journal of Biological Studies, 3: 64-73.
10. Eisvand, P., Farrokhi-Nejad, R., and **Azimi, S.** 2019. Plant parasitic nematodes fauna in citrus orchards in Khuzestan province, southwestern Iran. Hellenic Plant Protection Journal, 12, 97-107.
11. Eisvand, P., Farrokhi-Nejad, R., and **Azimi, S.** 2019. Description of *Basiria khouzestanensis* n. sp. (Nematoda: Tylenchidae) from Iran and its phylogenetic relationships with other species in the family. *Zootaxa*, 4563, 482-490.
12. **Azimi, S.** 2018. Morphological and molecular characterisation of *Ecumenicus monohystera* (Nematoda Dorylaimida Qudsianematidae) and its phylogenetic relations from Iran. Redia-Giornale Di Zoologia, 101: 3-8.
13. **Azimi, S.** 2018. Morphological and molecular characterization of two populations of *Aphelenchus avenae* (Nematoda: Aphelenchidae) from Iran and their phylogenetic relationships. Biologia, 73: 683-691.

14. **Azimi, S.** 2017. Study of plant parasitic nematodes associated with faba bean in Khuzestan province, southwestern Iran. Archives of Phytopathology and Plant Protection, 50 (13-14): 700-712.
15. **Azimi, S.**, Mahdikhani-Moghadam, E., Rouhani, H., and Rajabi Memari, H. 2016. Morphological, morphometric and molecular characterization of *Merlinius microdorus* (Geraert, 1966) Siddiqi, 1970, *Scutylenchus rugosus* (Siddiqi, 1963) Siddiqi, 1979 (Merliniidae), and *Psilenchus curcumerus* Rahaman, Ahmad and Jairajpuri, 1994 (Psilenchidae) and approaches to phylogenetic relationships. Redia-Giornale Di Zoologia, 99: 9-18.
16. **Azimi, S.**, Mahdikhani-Moghadam, E., Rouhani, H., and Rajabi Memari, H. 2016. Description of *Tylenchorhynchus iranensis sp. n.* (Nematoda: Telotylenchidae) from Iran. Redia-Giornale Di Zoologia, 99: 3-8.
17. **Azimi, S.,** Mahdikhani-Moghadam, E., Rouhani, H., and Rajabi Memari, H. 2016. First report of the nematodes *Filenchus orientalis* and *Hemicriconemoides californianus* on faba bean in Iran. Hellenic Plant Protection Journal, 9: 44-50.
18. **Azimi, S.,** Mahdikhani-Moghadam, E., Rouhani, H., and Rajabi Memari, H. 2014. The rare genus *Apratylenchoides* Sher, 1973 (Nematoda: Pratylenchidae) from faba bean in Iran. Archives of Phytopathology and Plant Protection, 47 (19): 2288-2294.
19. Keshavarz Tohid, V., Farokhi-Nejad, R., **Azimi, S**., and Osdaghi, E. 2013. A survey of distribution and frequency of pathogenic fungi associated with mung bean crown and root in Khuzestan province. Plant Protection (Scientific Journal of Agriculture), 36 (4): 67-80. (In Persian with English summary).
20. **Azimi, S.**, and Mahdikhani-Moghadam, E. 2013. Root lesion nematodes associated with faba bean fields in Iran with two new records of *Pratylenchus crassi* Das & Sultana (1979) and *P. teres* Khan & Singh (1974). Advanced Crop Science, 3(6): 398-404.
21. **Azimi, S.** 2012. Investigation on *Fusarium* ear rot of corn in Khuzestan province. Cereal Research, 1: 75-83. (In Persian with English summary).
22. Moosawi-Jorf, S. A., Farrokhi-Nejad, R., **Azimi, S**., and Afarin, S. 2007. Study of *Fusarium* head blight of wheat in Khuzestan province in Iran and reporting of *Fusarium xylarioides* as a new causal agents for disease. Journal of Agronomy, 6 (1): 212-215.
23. **Azimi**, S., Farrokhi-Nejad, R., and Moosavi-Jorf, S. A. 2005. Isolation and pathogenicity of some anastomosis groups of *Rhizoctonia* associated with faba bean root and crown in Khuzestan province. Iranian Journal of Plant Pathology, 41: 329-343. (In Persian with English summary).
24. **Azimi**, S., Farrokhi-Nejad, R., and Moosavi-Jorf, S. A. 2005. Identification and study on pathogenicity of *Fusarium* spp. associated with foot and root of faba bean in Khuzestan.

Plant Protection (Scientific Journal of Agriculture), 28 (1): 149-163. (In Persian with English summary).

CONFERENCE PRESENTATIONS:

1. Pour Ehtesham, N., **Azimi, S.**, Pedram, M. 2019. Identification of Plant Parasitic Nematodes Related to Okra Plant in Khuzestan Province. 1st Iranian Plant Protection Congress, Karaj, Iran, 270-271.
2. Eisvand, P., Farrokhi Nejad, R., and **Azimi, S.** 2018. Morphological and molecular identification of *Basiria graminophila* isolated from citrus in Khuzestan province. 23th Iranian Plant Protection Congress, 27-30 August, Gorgan, Iran, 783-784.
3. Mohamadpour, H., Hayati, J., Zadeh Dabagh, G., and **Azimi**, **S.** 2010. Isolation and identification of *Fusarium* species isolated from tomato plants in the north of Khuzestan province. 19th Iranian Plant Protection Congress, 31 July-3 August, Tehran, Iran, 161p.
4. **Azimi**, **S.** 2010. Investigation on *Fusarium* ear rot of corn in Khuzestan province. 19th Iranian Plant Protection Congress, 31 July-3 August, Tehran, Iran, 288p.
5. Farrokhi-Nejad, R., **Azimi, S.**, and Cromey, M. G. 2006. Population diversity of *Rhizoctonia* spp. associated with potato tubers collected in Lincoln, New Zealand, Proceedings of the 4th Australasian Soil borne Disease Symposium, New Zealand, 58-59.
6. Farrokhi-Nejad, R., **Azimi**, **S.** 2006. Anastomosis groups and pathogenicity of *Rhizoctonia* spp. isolated from potato tubers in New Zealand. 17th Iranian Plant Protection Congress, 2-5 September, Karaj, Iran, 154p.
7. Keshavarz Tohid, V., Minassian, V., Moosavi-Jorf, S. A., Torabi, M., **Azimi**, **S**. 2006. Effects of isolate *Uromyces viciae- fabae* from Khuzestan on common Iranian faba bean, pea and some other hosts. 17th Iranian Plant Protection Congress, 2-5 September, Karaj, Iran, 137p.
8. **Azimi**, **S**., Moosavi-Jorf, S. A., Farrokhi-Nejad, R. 2004. Isolation of some anastomosis groups of *Rhizoctonia* associated with foot and root of faba bean in Khuzestan province. 16th Iranian Plant Protection Congress, 28 August-1 September University of Tabriz, Iran, 203p.
9. **Azimi**, **S**., Farrokhi-Nejad, R., Moosavi-Jorf, S. A. 2004. An investigation on *Fusarium* spp. associated with foot and root of faba bean in Khuzestan province. 16th Iranian Plant Protection Congress, 28 August-1September, University of Tabriz, Iran, 204p.

RESEARCH PROJECTS:

1. **Azimi, S.**, Pedram, M. 2021. Study of plant parasitic nematodes associated with date palm in Khuzestan province. Iranian National Science Foundation.

2. **Azimi, S.** 2019. Study of nematode species of the genus *Basiria* in the fruit trees of Shoosh city. Shahid Chamran University of Ahvaz.
3. **Azimi, S.** 2018. Additional study of nematodes associated with faba bean in Khuzestan province. Shahid Chamran University of Ahvaz.

PROFESSIONAL MEMBERSHIPS:

Member of Iranian Society of Nematology

LANGUAGES:

PERSIAN: Native

ENGLISH: Good

JOURNALS REFREE:

- Plant Protection (Scientific Journal of Agriculture)
- Archives of Phytopathology and Plant Protection
- Journal of Crop Protection
- Journal of Nematology