Name: Mohammad Surname: Zamanian

Associate Professor in Agronomy (Crop Physiology)

Age: 57

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Academic Graduations:

- **B.Sc.:** Agronomy and Plant Breeding, University of Zanjan, 1990
- M.Sc.: Agronomy, Tarbiat Modares University, 1998
- **Ph.D.:** Agronomy (Crop Physiology), Agricultural Sciences and Natural Resources University of Khuzestan, 2013

Career History:

- 1991-1995: Forage Crops Researcher, Hamedan Agricultural and Natural Resources Research and Education Center
- 1998 till now: Clover Researcher, Maize and Forage Crops Research Department, Seed and Plant Improvement Institute, Iran
- 2012-2013: Deputy, Seed and Plant Improvement Institute, Iran
- 2014 till now: Member of the General Qualification Review Group of Academic Staff Members of the Agricultural Research, Education and Extension Organization, Iran
- March 2023 till now: Director General, Seed and Plant Improvement Institute, Iran

Highlights of Research History:

- Running 38 research projects in the background of clover and forage crops
- Contribution to implementing 21 research projects
- Consulting and supervising the implementation of 14 research projects
- Publication of 58 research articles in scientific journals
- Publication of 12 papers in agricultural extension journals
- Publication of 15 technical booklets of the Agricultural Research, Education, and Extension Organization
- Publication of 6 extension findings of the Agricultural Research, Education, and Extension Organization
- Presentation of 40 scientific articles at national/international conferences
- Introduction of four clover cultivars: Pars (Persian clover, annual, disease-tolerant, suitable for planting in cold and temperate regions of Iran, high yield, and quality), Attar (Persian clover, annual, multi-cut, high yield, and quality), Alborz 1 (crimson clover, annual, early maturity, single-cut, adapted to different weather conditions of Iran), and Nassim (red clover, perennial, multi-cut, adapted to cold, mountainous and temperate weather conditions and suitable for forage production in all seasons).
- Head of the agronomy committee of the strategic program of forage crops

- Member of the executive committee in the Iran-FAO joint project (TCP)
- Member of the forage crops committee of the maize and forage crops office
- Member of the editorial board of the Seed and Plant Journal
- Member of the technical committee of the maize and forage crops research department
- Member of Iran's Superior Farmers Selection Committee
- Coordinator of the plan to increase the production of other forage crops and the balance of livestock and pasture
- Member of the working group for the development of national guidelines for determining the value for cultivation and use (VCU) of clover, Seed and Plant Certification and Registration Institute
- Member of the working group for the development of national guidelines for distinctness, uniformity, and stability (DUS) of clover, Seed and Plant Certification and Registration Institute
- Member of the research projects monitoring group of the Seed and Plant Improvement Institute
- Member of the technical committee of the Seed and Plant Improvement Institute (2001-2005)
- Supervisor and advisor in 23 M.Sc. theses and Ph.D. dissertations
- Implementation of a research project at Hokkaido University, Japan (2016) to evaluate the genetic and morphophysiological diversity of Persian clover cultivars under cold stress conditions
- Research collaboration with FAO in project TCP/IRA/3401 (2014-2015)
- Reviewing and editing more than 80 research articles for scientific journals
- Reviewing more than 100 research articles for conferences
- Reviewing more than 15 Ph.D. dissertations
- Membership in the Crop Science Society of Iran (CSSI)

Awards:

- Superior researcher of the Agricultural Research, Education and Extension Organization, Iran, 2005
- Superior researcher of the Tehran province, Iran, 2009
- Award from the head of the Agricultural Research, Education, and Extension Organization in 2015 for advancing the goals of the executive committee of the academic staff
- Award from the deputy of the Agricultural Research, Education, and Extension Organization in 2015 for introducing and honoring the national excellence of agriculture
- Award from the head of the Agricultural Research, Education, and Extension Organization in 2016 for transferring the extension findings of research projects
- Award from the head of the Agricultural Research, Education, and Extension Organization in 2017 for advancing the goals of the executive committee of the academic staff