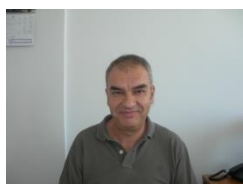


CURRICULUM VITAE



Dr. Anastasios I. Kotsiras

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Personal Data: Place of Birth: Athens, Greece. Year of Birth: 1965

Education

1. Degree in Agricultural Science (1991). Agricultural University of Athens, Department of Crop Science.
2. PhD Thesis (2005): The influence of nitrogen concentration and the ratio of $\text{NO}_3:\text{NH}_4$ in the nutrient solution, on the growth, mineral composition and distribution within the tissues of leaves and fruits, on the marketable yield and fruit quality characteristics of cucumber plants during spring and winter. Agricultural University of Athens, Department of Crop Science, Laboratory of Vegetable Production.

Professional Experience

- Lecturer at the Technological Educational Institute of Kalamata, School of Agricultural Technology (Sept. 1993 – Dec 2006).
- Professor of Vegetable Crop Production at the University of the Peloponnese, Faculty of Agriculture and Food Dept. of Agriculture (Dec 2006 – today).

Scientific interests and experience

- Vegetable plant nutrition
- Cultivation of greenhouse vegetable crops in hydroponic systems
- Cultivation conservation, dissemination and promotion of traditional Greek vegetable plant species.
- In 2019, our Laboratory supervised the inclusion of the traditional variety of tomato "Chondrokatsari" in the National List of Varieties. Within 2024, the introduction of two local bean varieties to the National List of Varieties is being prepared.
- The Laboratory provides specialized knowledge in the field of vegetable production, while students are trained in special topics related to the cultivation of outdoor and greenhouse vegetables. The educational and research activity focuses on the study of vegetable cultivation in advanced hydroponic units, the adaptation, consolidation and dissemination of new environmentally friendly cultivation

methods, mineral nutrition, research and dissemination of traditional vegetable varieties. Towards these directions and utilizing the existing logistical infrastructure, the following research activities are carried out:

- Comparative tests of traditional vegetable varieties with hybrids in controlled conditions of hydroponic cultivation and the preparation of production protocols
 - Investigation of the resistance of traditional varieties against biotic and abiotic stresses (salinity, thermal stress, entomological attacks, fungal diseases, etc.).
 - Collaborations with vegetable producers in order to produce vegetable products of high nutritional value through cultivation protocols resulting from the research activities of the Laboratory of Vegetables and related Laboratories of the University of Peloponnese.
- Organic farming in vegetable production systems.
 - From October 2022, the Laboratory officially provides services to farmers and in general to organizations active in the agricultural sector. More specifically, in the Laboratory takes place:
 - Analysis of soil, plant tissue, irrigation water, nutrient solutions, substrates.
 - Fertilization consultancy in fruit and vegetable crops.
 - Formulation of nutrient solutions for soil and hydroponic crops.

Publications

SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=6505798241>

Articles at International Journals and Conference Papers: 22

432 total citations by 401 documents, h-index= 11.