



#### INFORMAZIONI PERSONALI

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Nazionalità ITALIANA  
Data e luogo di nascita 25/05/1950 – FOGGIA (FG)

#### ISTRUZIONE E FORMAZIONE

1975 Laurea in Chimica, Università di Bari, Italia.

#### ESPERIENZA LAVORATIVA

1994 - ad oggi Professore ordinario di Chimica del suolo e agraria, Università degli Studi della Basilicata.  
1985-1994 Professore associato di Chimica agraria, Università di Bari.  
1982-1984 Ricercatore presso ENIRICERCHE (ex ASSORENI), l'Associazione tra le aziende del gruppo industriale ENI (Compagnia Petrolifera Nazionale - Holding) per lo sviluppo e la pianificazione della ricerca.  
1980-1984 Professore a contratto, Università di Bari.  
1976-1979 Ricercatore a contratto, Università di Bari.

#### ULTERIORI INFORMAZIONI

##### Incarichi istituzionali

-Coordinatore del Dottorato di Ricerca internazionale 'Applied Biology & Environmental Safeguard'  
-Past-President del GRIFA – Gruppo Italiano di Ricerca Fitofarmaci ed Ambiente

##### Associazioni scientifiche

- American Society of Agronomy (ASA);
- European and Mediterranean Association for Environmental Education, Assessment and Protection (ENEAP).
- European Research Action for "Water pollution in natural porous media at different scales" COST 629;
- European Research Action for the "Study of environmental fate of pesticides" COST 66;
- International Humic Substances Society (IHSS);
- International Soil Science Society (ISSS);
- Italian Chemistry Society (SCI);
- Italian Research Group of Pesticides and Environment (GRIFA);
- Italian Society of Agricultural Chemistry (SICA);
- Italian Society of Soil Science (SISS);
- Mediterranean Group of Pesticide Research (MGPR)
- Soil Science Society of America (SSSA);

##### Pubblicazioni

Ad oggi: oltre 300 pubblicazioni e comunicazioni, tra cui

- 1 capitolo nel libro di testo universitario "Fondamenti di Chimica del Suolo" (italiano)
- 1 capitolo nel libro di testo universitario "Agrofarmaci, conoscenze per un uso sostenibile" (italiano)
- 1 capitolo nel libro di testo universitario "Gestione e qualità delle acque" (italiano)
- 1 capitolo nel libro di testo universitario "Agrofarmaci di origine naturale, nuove alternative ai prodotti di sintesi" (italiano).

##### Attività di revisore per riviste scientifiche

Adsorption Science and Technology, Agrochimica, Applied Physics, Applied Surface Science, Arabian Journal of Chemistry, Archives of Environmental Contamination and Toxicology, Bioinorganic Chemistry and Applications, Catalysis Today, Cell Biology and Toxicology, Chemical Engineering Journal, Chemical Engineering Research and Design, Chemosphere, Clean - Soil, Air, Water, Desalination, Ecotoxicology and Environmental Safety, Environmental Pollution, Environmental Science and Pollution Research, Environmental Science & Technology, E-Journal of Chemistry, Fresenius Environmental Bulletin, Green Chemistry Letters and Reviews, Hydrology and Earth System Sciences, International Journal of

Environmental Analytical Chemistry, Journal of Agriculture and Food Chemistry, Journal of the Association of Arab Universities for Basic and Applied Sciences, Journal of Chromatographic Science, Journal of Environmental Management, Journal of Environmental Quality, Journal of Environmental Sciences, Journal of Environmental Science & Health, Journal of Hazardous Materials, Journal of Photochemistry and Photobiology (A & B), Journal of the Taiwan Institute of Chemical Engineers, Molecules — Open Access Organic Chemistry Journal, Pesticide Biochemistry and Physiology, Pest Management Science, Phosphorus, Sulfur, and Silicon and the Related Elements, RSC Advances, Small Ruminant Research, - Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Water, Air, & Soil Pollution, Water Research.

#### Comitati di redazione

- The Open Conference Proceedings Journal, ISSN: 2210-2892, Bentham Open
- The Open Public Health Journal, ISSN: 1874-9445, Bentham Open
- Guest Editor for the Special Issue 'Pesticides in the Environment', committed by the Journal of Environmental Science and Health, Part B, Pesticides, Food Contaminants, and Agricultural Waste, Taylor and Francis. Vol. 48, 2013, Issue 9. Foreword pp. 701-702.
- Guest Editor for the Special Issue 'Pesticides in the Mediterranean Area', committed by the Journal of Environmental Science and Health, Part B, Pesticides, Food Contaminants, and Agricultural Waste, Taylor and Francis. Vol. 46, 2011, Issue 6. Foreword p. 437.

#### Progetti di ricerca

- (1997) – 2000: POM OTRIS A25 – Water use optimization.
- 1999 – 2004: Ministry of Research and University (MIUR) - decree 3-11-1997 – Environmental National Research Programme “Reduction of Environmental Impact of Pesticide Use”.
- 2000 – 2002: European Fund for Regional Development – No. 94.05.09.013/ARINCO No. 94.IT.16.028. Speciation and utilization of phenolic compounds in the agro-industry.
- 2000 – 2003: Ministry of Research and University (MIUR), decree No. 251 / 22-6-1999 – Topic: “New plants and tools for agro-industry” – Cluster C05.
- 2002 – 2003: Agreement CNR/CNPRST (Italy-Morocco), bilateral project “Development of sustainable systems to limit the negative effects of pesticide use in Morocco”.
- 2004 - 2006: MIUR-PRIN Food safety based on the identification of signal molecules for the intercellular bacteria communication (participation in the project held by Prof. T.R.I. Cataldi).
- 2006 - 2008: IBCHEM private research agreement: “Development of products for chemical industry – new mineral-organic composites”.
- 2009 - 2010: SITINPLAN - 222048 – EU-Call: FP7-SME-2007-1. Sustainable innovation technology in plant nursery process improving plant quality and safety.
- 2010-2012: Participation in the MOLAND (Monitoring Land cover/use Dynamics) Framework, for the design of new standard tools required by the European recommendation IPPC (Integrated Pollution Prevention and Control).
- 2012-2013: MAPRE, Regional Project on ‘Advanced Precision Agriculture Tools to Reduce the Environmental Impact of Wheat Cropping’; funded by P.S.R. Basilicata Region.
- 2015-2016: FRUINDEX, Regional Project on ‘Best agricultural practices to diffuse new methods of wheat cropping at low environmental impact’. Funded by P.S.R. Basilicata Region.
- 2012-2015: Diffusion of nanotechnology based devices for water treatment and recycling – NANOWAT, project leader, registration No. I-B/2.1/049, ENPI-CBC MED European first Call for standard projects October 2009.
- 2014-2019: “Smart Cities and Communities” - Product and process innovation for maintenance, preservation and sustainable programmed restoration of cultural heritage; funded by the Italian Ministry of Research and Education.
- 2014-2020: “BIOMON”, Advanced functional characterisation of secondary metabolites produced by plants and microorganisms; project funded by University of Basilicata.
- 2015-2020: Chemical and biological monitoring of soil biodiversity in disturbed areas, project leader; project funded by SAIPEM, private company.
- 2015-2020: Green hydrothermal oxidation technology (GHOT) development for the destruction of organic wastes and production of energy; project funded by SAIPEM, private company.

Potenza, 11/07/20118

SABINO AURELIO BUFO  


Il sottoscritto SABINO AURELIO BUFO dichiara, ai sensi degli articoli 46 D.P.R. 445/00 e 47 D.P.R. n. 445/00, che quanto riportato corrisponde a verità ed è consapevole delle sanzioni penali previste per il caso di falsità in atti e dichiarazioni mendaci, così come stabilito dall'art.76 del D.P.R. 445 del 28/12/2000 e della conseguente possibile decadenza dai benefici conseguenti al provvedimento eventualmente emanato sulla base della dichiarazione non veritiera. Inoltre, la sottoscritta autorizza al trattamento dei dati personali, secondo quanto previsto dal D.lgs. n° 196 del 30 giugno 2003, “Codice in materia di protezione dei dati personali”.