



Nato a Foggia, il 25 maggio 1950. Dottore in Chimica (1975), Università di Bari, Italia.
Ricercatore a contratto 1976-1979, Professore a contratto 1980-1984, Università di Bari, Italia.
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 (1982-1984).
Professore associato di Chimica agraria 1985-1994, Università di Bari, Italia.
Professore ordinario di Chimica del suolo e agraria dal 1 novembre 1994, Università della Basilicata, Dipartimento di Scienze. **In quiescenza dal 1 novembre 2020.**

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- <https://www.orcid.org/0000-0002-0857-2367>
- <http://www.researcherid.com/rid/D-5212-2016>
- https://www.researchgate.net/profile/Sabino_Bufo

Incarichi istituzionali

- Il prof. Bufo è stato membro del Collegio dei docenti del Dottorato in “Produttività delle Piante Coltivate” dal X (1994/1995) sino al XV ciclo.
- Pioniere delle collaborazioni internazionali per UNIBAS, ha curato il progetto per l’istituzione e l’internazionalizzazione del Dottorato in “Crop Systems, Forestry and Environmental Sciences”, finanziato dal MIUR nell’ambito dei “Programmi per L’incentivazione del Processo di Internazionalizzazione del Sistema Universitario (D.M. 21-6-1999 N. 313 ART. 7) - Collaborazioni Interuniversitarie Internazionali”, (a.a. 2000/2001) prot. II00388817. Ha poi coordinato il Dottorato internazionale dal XVI ciclo fino al XXVI ciclo, accedendo anche ai finanziamenti del Programma Operativo Nazionale 2000/2006 “Ricerca Scientifica, Sviluppo Tecnologico ed Alta Formazione”, Misura III.4 “Formazione Superiore e Universitaria”, per tre annualità.
- Ha in seguito coordinato per i cicli XXVII e XXVIII il Dottorato internazionale in BioEcoSystems & BioTechnology e il Dottorato in Scienze per il XXIX ciclo.
- Ha poi coordinato il Dottorato di Ricerca internazionale “Applied Biology & Environmental Safeguard”, dal XXX al XXXV ciclo.

Incarichi esterni

- Presidente del GRIFA – Gruppo Italiano di Ricerca Fitofarmaci ed Ambiente (<https://grifa.org/>) dal 2011 al 2016.
- Visiting Professor at University of Johannesburg Faculty of Science, Department of Geography, Environmental Management & Energy Studies for the time frame 2018-11-01 / 2021-10-31; <https://www.uj.ac.za/faculties/science/geography>.

- 1985 - 1993, membro del Comitato Regionale della Basilicata per l'Inquinamento Atmosferico (CRIAB), responsabile della sottocommissione scientifica e tecnica.

Argomenti di ricerca:

- Chimica dell'ambiente;
- Diffusione degli inquinanti;
- Bonifica del suolo e purificazione dell'acqua;
- Chimica e biochimica degli agrofarmaci;
- Chimica delle sostanze naturali nelle piante e nel suolo;
- Metaboliti secondari con proprietà farmacologiche prodotti da piante e microrganismi;
- Destino degli xenobiotici nell'ambiente;
- Fotochimica ambientale;
- Sviluppo di metodi spettroscopici e spettrometrici.

Collaborazioni scientifiche

- Helmholtz Zentrum München, Institute of Ecological Chemistry, Neuherberg, Germany
- TUM, Technical University of Munich, Freising – Weihenstephan, Germany
- Université Claude Bernard in Lyon, France
- Université Montpellier 1, Montpellier, France
- Université Montpellier II, Montpellier, France
- University of Ioannina, Greece
- Université Mohammed V, Agdal – Rabat, Morocco
- University Al Quds, Jerusalem, Palestine
- University Suez Canal, Ismailia, Egypt
- Hebrew University of Jerusalem, Rehovot, Israel
- CSIC Institute of Natural Resources and Agrobiology, Seville, Spain
- Adam Mickiewicz University, Poznan, Poland
- Bülent Ecevit University, Zonguldak, Turkey
- Geomineralogical Department, University of Bari, Italy
- Chemistry Department, University of Bari, Italy
- Department of Geography, Environmental Management & Energy Studies, University of Johannesburg, South Africa.

Ricercatore in visita presso:

- Department of Agronomy, Cornell University, Ithaca, NY;
- USDA Laboratory at Cornell University, Ithaca, NY;
- College of Agricultural Sciences, Clemson University, SC;
- Department of Agronomy and Soils, Auburn University, AL;
- Department of Agronomy, Colorado State University, Fort Collins, CO;
- Ohio Agricultural Research and Development Centre, Wooster, OH;
- College of Agriculture, University of Illinois, Urbana-Champaign, IL;
- Department of Agronomy, Wisconsin University, Madison, WI.

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);

Corsi tenuti negli ultimi 5 anni:

Chimica del suolo

Laboratorio di chimica ambientale

Pubblicazioni

Ad oggi: più di 400 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
- Catalysts
- Cell Biology and Toxicology
- Chemical Engineering Journal
- Chemical Engineering Research and Design
- Chemosphere
- Clean - Soil, Air, Water
- Comptes rendus Biologies
- Crop Protection

- Desalination
- Ecological Modelling
- Ecotoxicology and Environmental Safety
- Environmental Pollution
- Environmental Science and Pollution Research
- Environmental Science & Technology
- European Journal of Medicinal Chemistry
- E-Journal of Chemistry
- Food Chemistry
- Fresenius Environmental Bulletin
- Gels
- 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 Chromatography A
- Journal of Environmental Management
- Journal of Environmental Quality
- Journal of Environmental Sciences
- Journal of Environmental Science & Health
- Journal of Hazardous Materials
- Journal of Herbal Medicine
- Journal of Photochemistry and Photobiology (A & B)
- Journal of the Taiwan Institute of Chemical Engineers
- Materials Chemistry and Physics
- Metabolites
- Molecules — Open Access Organic Chemistry Journal
- Pesticide Biochemistry and Physiology
- Pest Management Science
- Phosphorus, Sulfur, and Silicon and the Related Elements
- Recycling
- RSC Advances
- Science of the Total Environment
- Small Ruminant Research
- Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
- Talanta
- Toxins
- Water, Air, & Soil Pollution
- Water Research

Comitati di redazione

- Associate Editor for the journal 'Urban Agriculture & Regional Food Systems', ISSN: 2575-1220, published by ACSESS Digital Library, Madison (WI).
- Associate Editor for the journal 'Toxins', MDPI, Impact Factor: 3.273 (2017); 5-Year Impact Factor: 3.551 (2017). ISSN 2072-6651; CODEN: TOXIB7. Basel, Switzerland.
- 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. <https://doi.org/10.1080/03601234.2013.780521>
- 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. <https://doi.org/10.1080/03601234.2011.583815>

Curatela

- Adamski, Z.: Blythe, L. L.: Milella, L.: Bufo S. A. Biological Activities of Alkaloids: From Toxicology to Pharmacology. Editorial in Toxins 2020, 12, 210; <https://doi.org/10.3390/toxins12040210>. Special Issue published online in the open access journal Toxins (ISSN 2072-6651) (available at: <https://www.mdpi.com/journal/toxins/special-issues/alkaloids-toxicology-pharmacology>).

Attività di valutatore di progetti presentati a bandi di finanziamento:

- Bandi del Ministero dell'Università e della Ricerca, progetti PRIN e FIRB di interesse nazionale interest (15 progetti).
- Ateneo Italo-Tedesco / Deutsch-Italienisches Hochschulzentrum, Vigoni programme (3 progetti).
- POR-Regione Campania, Italy, progetti Euro-Regionali (1 project).
- Arab Science & Technology Foundation, ALJ Grants for research and development in the Arab World (10 progetti).
- The Greek Ministry of Education, Life Long Learning and Religious Affairs: 'Thalis' Research Programme (6 progetti).
- The Greek Ministry of Education, Life Long Learning and Religious Affairs: 'Archimedes III' Research Programme (6 progetti).
- The Greek Ministry of Education, Life Long Learning and Religious Affairs, Panel Member for the research programme 'Supporting Postdoctoral Researchers' in LS2 - Genetics, Genomics, Bioinformatics and Systems Biology' (81 progetti).
- Call "FARO" for Original Research Projects Funding issued by "Polo delle Scienze e delle Tecnologie per la Vita dell'Università di Napoli Federico II" (6 progetti).
- The SVSE7 Evaluation Committee of the French National Research Agency (ANR); evaluation of research proposals in the fields of biodiversity, evolution, ecology and agronomy submitted in the framework of the 2013 edition of the "Young researchers" (Jeunes Chercheuses et Jeunes Chercheurs) program (1 progetto).
- Regione Campania (2015), POR 2007-2013, valutazione progetti di trasferimento tecnologico cooperativo e di prima industrializzazione per le imprese innovative ad alto potenziale (n. 3 progetti).

- Regione Campania (2017), valutazione di n. 1 progetto afferente al contratto di programma regionale art.2 legge regionale n.12 del 28/11/2007.
- French National Research Agency (ANR) – Programme of research funding “MakeOurPlanetGreatAgain” (2017), evaluation of a research project requiring a grant from ANR (1 progetto).
- Università di VERONA - Valutazione Joint Projects 2017 Bando di Ateneo per la realizzazione di progetti congiunti con Imprese ed Enti (n. 1 progetto).
- Regione Sardegna (2018), PO FSE 2014-2020 - Asse III “Istruzione e Formazione” - Azione 10.5.12. Valutazione di un progetto presentato in seguito all’Avviso di chiamata per finanziamento di Progetti di Ricerca, anno 2017.
- Regione Campania (2016-2020), PO FESR 2014-2020, valutazione dei progetti presentati a valere sulle traiettorie tecnologiche prioritarie della RIS3 Campania 2017 (n. 8 progetti).

Partecipazione in comitati scientifici:

- 9th International Conference on “Environmental Protection is a Must”, Alexandria, Egypt, 4-6 May 1999 (Scientific Committee).
- 1st European Conference on “Pesticides and Related Organic Micro Pollutants in the Environment”, Ioannina, Greece, 5-8 October 2000 (Scientific Committee, and invited key lecturer).
- 2^{ème} colloque du GMRE et XXXII^{ème} Congres du Groupe Français des Pesticides: "Analyse de Traces, Bio Produits et Qualité de l'Environnement", Marrakech, Maroc, 29-31 Mai 2002 (Scientific Committee, and oral presentation).
- 2nd European Conferences on “Pesticides and Related Organic Micro Pollutants in the Environment”, Corfu, Greece, 26-29 September 2002 (Scientific Committee, and invited key lecturer).
- 3rd European Conference on “Pesticides and Related Organic Micro Pollutants in the Environment”, Halkidiki, Greece, 7-10 October 2004 (Scientific Committee, and invited key lecture).
- 4th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 10th Symposium on the Chemistry and Fate of Modern Pesticides, Almería Spain, 26-29 November 2006 (Scientific Committee, and oral presentation).
- 5th GRIFA International Summer School 2007 “Pesticides-Environment”, Metaponto, Italy, 9-14 September 2007 (organizing leader and editor of proceedings).
- 6th GRIFA International Summer School 2008 “Pesticide sustainable uses for a modern agriculture”, Metaponto, Italy, 14-19 September 2008 (organizing leader and editor of proceedings).
- 5th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 11th Symposium on the Chemistry and Fate of Modern Pesticides, Marseille France, 22-25 October 2008 (Scientific Committee, and invited lecturer).
- Summer School 2009 “Mineral nutrition in photosynthetic organisms: molecular, physiological and ecological aspects”, Maratea, Italy, 17-20 June 2009 (Scientific Committee).
- XXVII National Congress of the Italian Society of Agricultural Chemistry “Innovation, the opinion and experiences of agricultural chemists”, Matera, Italy, 15-18 September 2009 (Conference Chair and editor of proceedings).
- Pesticides 2010 - 6th European Conference on Pesticides and Related Organic Micropollutants in the Environment, 12th Symposium on the Chemistry and Fate of Modern Pesticides, and “7th GRIFA Summer School Pesticides 2010”, Matera Italy, 5-10 September 2010 (Conference and School Chair and editor of proceedings).

- GEOMED 2011, 4th International Conference on Medical Geology. Bari, Italy, 20-25 September 2011. Convener and chairman of session ET5 – Toxicokinetics & Fate of Pesticides in Biological Systems, Food & Environment.
- Giornate Fitopatologiche 2012, National Conference on Plant Pathology, Quality Assurance and Environment Safeguard. Milano Marittima, Italy, March 13-16, 2012 (Scientific Committee, and chairman of the session “Agrofarmaci, Salute, Ambiente / Pesticides, Health, Environment”).
- EuAsC₂S-12, 12th Eurasia Conference on Chemical Sciences, Corfu, Greece, April 16-21, 2012; Chairman of the session “Environmental and Green Chemistry” (Scientific Committee, invited lecturer).
- Eurosoil 2012 - “Soil Science for the Benefit of Mankind and Environment”, 4th International Congress of European Confederation of Soil Science Societies (ECSSS), Bari, Italy, July 2-6, 2012 (Scientific Committee, Convener and chairman of the session W12.01 “Pesticides in soil, fate and effects on environment”).
- Pesticides 2012 - 7th European Conference on Pesticides and Related Organic Micropollutants in the Environment, 13th Symposium on the Chemistry and Fate of Modern Pesticides”, Porto, Portugal, 7-10 October 2012 (Scientific Committee, and Chair of the Session V: Environmental Protection and Remediation Techniques).
- 8th GRIFA Summer School Pesticides 2013, Catania, Italy, 4-7 June 2013 (Scientific Committee, and invited lecturer).
- International Conference BCD2013 “Biochars, Composts and Digestates. Production, Characterization, Regulation, Marketing, Uses and Environmental Impact”, Bari 17 - 20 October 2013 (Scientific Committee).
- Giornate Fitopatologiche 2014, National Conference on Plant Pathology, Quality Assurance and Environment Safeguard. Chianciano Terme (Siena), Italy, March 18-21, 2014; chairman of the session “Agrofarmaci, Salute, Ambiente / Pesticides, Health, Environment” (Scientific Committee).
- International Training Course and Workshop on "New challenges in water cleaning and recycling: needs, experimentation and future perspectives in Mediterranean Countries", May 12 -16 2014, Potenza, Italy (Chair, Scientific Committee, and Lecturer).
- Pesticides 2014 - 8th European Conference on Pesticides and Related Organic Micropollutants in the Environment, 14th Symposium on the Chemistry and Fate of Modern Pesticides”, Ioannina, Greece, 17-21 September 2014 (Scientific Committee, Chairman of the Session IV: Fate and Removal of Organic Micropollutants in the Environment + Keynote lecture in Session VII: Environmental Protection and Remediation Techniques).
- 1st GRIFA Winter School 2015 - Bardonecchia, Italy, 28-30 January 2015 (President of Scientific Committee, and Session Chair).
- International Conference Water use and re-use – Potenza, Italy, 17-18 June, 2015 (Conference Chair and Lecturer).
- 12th European Fourier Transform Mass Spectrometry – Matera, Italy, 4-8 April 2016 (Scientific Committee and Chairman Session 8).
- University “Aldo Moro” Bari-Italy: GRIFA-SCI-AISA Joint Summer School - Natural minerals and synthetic surrogates for environment and health safeguard: medicine, veterinary, agriculture and ecological issues. Bari, 20-22 June 2016 (Scientific Committee, Lecturer, and Editor of Proceedings).
- Pesticides 2016 - 9th European Conference on Pesticides and Related Organic Micropollutants in the Environment, 15th Symposium on the Chemistry and Fate of Modern Pesticides”, Santiago de Compostela, Spain, 4-8 October 2016 (Scientific Committee).
- Scientific committee member and Chairman in the Joint Summer School GRIFA-IHSS, Siracusa 6-8 June 2017.

- Scientific committee member in the congress Molbiotech - the VI International Congress on Molecular Biology and Biotechnology (www.molbiotech.gen.tr), held on 18-22 September, 2017, The International Sarajevo University (www.ius.edu.ba), Bosnia.
- Pesticides 2018 - 10th European Conference on Pesticides and Related Organic Micropollutants in the Environment, 16th Symposium on the Chemistry and Fate of Modern Pesticides”, Bologna, Italy, 12-14 September 2018 (Scientific Committee).

Incarichi professionali

- 1980 - 1982, assistente chimico presso l'Istituto d'Igiene, Università di Bari, Italia.
- 1984 - 1985, coordinatore del dipartimento di chimica del Centro di ricerca "Metapontum Agrobios Scrl", Metaponto, Matera, Italia.
- 1986 - 1997, consulente scientifico del Centro di ricerca "Metapontum Agrobios Scrl", Metaponto, Matera, Italia.
- 2013-oggi, consulente esperto del Ministero della Università e Ricerca (MIUR) per i temi "Chimica agraria, chimica ambientale e beni culturali".

Inviti e premi

- Invited Visiting Professor at University of Johannesburg Faculty of Science, Department of Geography, dal 01-11-2018-11-01 al 31-10-2021.
- Premio speciale del Presidente della Repubblica Italiana per il saggio “Gestione e qualità delle acque”, conferito il 16-07-2011 ad Abbatteggio (Pescara) in qualità di presidente del GRIFA - Gruppo di Ricerca Italiano per i Fitofarmaci e l'Ambiente- e co-autore dell'opera.
- Socio onorario dell'Ordine dei Chimici della Provincia di Bari, dall'anno 2006.
- Membro del comitato scientifico di Exo-Ricerca, consorzio industriale per la Ricerca e l'Innovazione con sede in Potenza (<https://www.exo-ricerca.it/>).

Progetti

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.
 - 2012-2018: Chemical and biological monitoring of soil biodiversity in disturbed areas, project leader; project funded by SAIPEM, private company.
 - 2017-2018: Green hydrothermal oxidation technology (GHOT) development for the destruction of organic wastes and production of energy; project funded by SAIPEM, private company
 - 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.
 - 2018-2020: “NAOCON”, New Antimicrobial Agents Obtained from Compounds of Natural Origin - RS01_00597 1 - National Operational Programme (PON-2014/20) of the Italian Ministry of Research and Education, financed by the European Structural Funds.

Progetti di cooperazione

- 2010 – 2012: SECMETA - Characterization and role of some substances involved in the defence mechanisms of plants exposed to biotic and abiotic stresses, Ministry of Agriculture – United Kingdom.

Progetti di sviluppo strutturale

- 2002 - 2006 MIUR – National Operative Programme No. 68/2002, Measure II.1, action A, Project CIRCOVA “Inter-departmental Centre for the Control and Validation of Environmental Parameters”.

Progetti didattici

- 2000 – today: Socrates-Erasmus joint programmes of teaching staff and student mobility: University of Ioannina (Greece), University of Patras (Greece), Technische Universität München (Germany), Université Claude Bernard Lyon 1 (France), Universität für Bodenkultur Wien (Austria), Adam Mickiewicz University in Poznan (Poland), Bülent Ecevit University, Zonguldak (Turkey).
- 2000 – 2001: MIUR - National Operative Programme, S.E.F. Sub-programme III – Measure 2: Project “Training on technologies for the quality control in agro-food industry”.
- 2003 – 2004: MIUR - National Operative Programme - Measure III.6: Project “Training of specialists for the use of scientific equipment with high degree of technology in food and environmental applications”

Publicazioni

Articoli pubblicati in riviste scientifiche internazionali e capitoli in libri a diffusione internazionale

1. Della Monica M., **Bufo S.A.** Physico-chemical properties of concentrated solutions of some tetraalkylammonium salts in formamide in the temperature range 25-80°C (1977) *Electrochim. Acta*, 22, 1213-1218.
2. Della Monica M., Petrella G., Sacco A., **Bufo S.A.** Transference numbers in concentrated sodium chloride solutions (1979) *Electrochim. Acta*, 28, 1013-1017.
3. Polemio M., **Bufo S.A.**, Paoletti S. Evaluation of ionic strength and salinity of groundwater: effect of the ionic composition (1980) *Geochim. Cosmochim. Acta*, 44 (6), 809-814.
4. Polemio M., Senesi N., **Bufo S.A.** Soil contamination by heavy metals in industrial areas (1982) *Mitteilungen der Deutsche Bodenkundliche Gesellschaft*, 33, 75-80.
5. Polemio M., Senesi N., **Bufo S.A.** Soil contamination by metals: a survey in industrial and rural areas of Southern Italy (1982) *Sci. Total Envir.*, 25 (1), 71-79.
6. Polemio M., **Bufo S.A.**, Senesi N. Minor elements in Southeast Italy soils, a survey (1982) *Plant & Soil*, 69 (1), 57-66.
7. Polemio M., **Bufo S.A.**, Provenzano M.R. Chlorinated hydrocarbon pesticide residues in irrigation waters (1983) *Environm. Techn. Letters*, 4 (4), 189-196.
8. Polemio M., **Bufo S.A.** Arsenic in soil system (1984) *Newsletter from the FAO European Co-operative Network on Trace Elements*, 3, 11-18.
9. **Bufo, S.A.**, Scrano, L., Magnifico, V. Residues in soil treated with lenacil and trifluralin in a succession involving four vegetable crops (1985) *Agric. Ital.*, 1-2, 1-13.
10. Polemio M., Provenzano M.R., **Bufo S.A.**, Sacco A. - Density and viscosity measurements of natural solutions (1986) *Chemistry in Ecology*, 2 (3) 187-194. ISSN 0275-7540. DOI: 10.1080/02757548608080724.
11. Buondonno A., Felleca D., **Bufo S.A.**, Pizzigallo M.D.R., Testini C. Comparison between electro-ultrafiltration and extraction methods for the determination of K fractions in some soils of Southern Italy (1988) *Comm. in Soil Sci. Plant Anal.*, 19 (3), 239-258.
12. Buondonno A., **Bufo S.A.**, Pizzigallo M.D.R., Felleca D., Kinetics of phosphorus release from Italian alfisol and volcanic inceptisol as influenced by phosphate additions to soils and temperature (1988) In: "Cost Reduction and Environmental Protection", K. Németh (ed.), Mannheim, West Germany, Vol. II, 512-524.
13. **Bufo S.A.**, Buondonno A., Pizzigallo M.D.R., EUF-K desorption from alfisol and volcanic inceptisol as influenced by temperature and potassium additions (1988) In: "Cost Reduction and Environmental Protection", K. Németh (ed.), Mannheim, West Germany, Vol. II, 557-569.
14. **Bufo S.A.**, Scrano L., Pizzigallo M.D.R., Matteucci F. Residues of atrazine, alachlor, trifluralin and lenacil in alluvial soils of south Italy (1989) In: *Methodological aspects of the study of pesticide behaviour in soil*. P. Jamet (ed.), INRA, Versailles 1988, 215-217.
15. **Bufo S.A.** Discussion on "Chemical Equilibrium Analysis of Lead and Beryllium Speciation in Hazardous Waste Incinerators, Mathews A.P." (1989) In: *Metal Speciation, Separation and Recovery*, Vol. 2, J.W. Patterson and R. Passino eds., Lewis Publishers, Chelsea, Michigan, USA.

16. Montemurro P., **Bufo S.A.**, Scrano L. Investigation on atrazine residues during a crop rotation (1989) *Agrochimica*, 33, 230-237.
17. **Bufo S.A.**, Pizzigallo M.D.R., Matteucci F., Scrano L. Preliminary characterisation of soil organic matter extracted by electro-ultrafiltration (1989) *Sci. Total Envir.*, 81/82, 111-120.
18. Pizzigallo M.D.R., **Bufo S.A.**, Buondonno A., Effects of fertiliser additions on P and K availability in Italian Vertisol as determined by electro-ultrafiltration (1990) *Comm. in Soil Sci. Plant Anal.*, 21 (13-16), 1187-1198.
19. **Bufo S.A.**, Pizzigallo M.D.R., Buondonno A., Mobility of potassium and phosphorus in soil as determined by electro-ultrafiltration (1990) *Comm. in Soil Sci. Plant Anal.*, 21 (13-16), 1503-1517.
20. **Bufo S.A.**, Pizzigallo M.D.R., Magnifico V., Cecca N., Monitoring of soil nitrates residues by electro-ultrafiltration (1990) *Int. J. Environ. Anal. Chem.*, 39 (1) 23-29. DOI: 10.1080/03067319008027679
21. Scrano L., Faretra F., Cariddi C., Antonacci E., **Bufo S.A.**, Evaluation of dicarboximide residues in cold-stored grapes exposed to field and post-harvest treatments (1991) *Pestic. Sci.*, 31 (1) 37-44. DOI: 10.1002/ps.2780310105
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 AI SENSI DEGLI ARTT. 46 E 47 DEL D.P.R. 28.12.2000, N. 445,

il sottoscritto, Sabino Aurelio Bufo, nato a Foggia (FG) il 25/07/1950, c.f. BFUSNR50E25D643M, e residente a Capurso (BA) in Via Ognissanti n.42/g, consapevole della responsabilità penale prevista dall'art. 76 del D.P.R. 445/2000 per le ipotesi di falsità in atti e dichiarazioni mendaci ivi indicate,

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che le informazioni sopra riportate, relative al proprio curriculum vitae formato di n. 44 pagine, sono veritiere.