

BENEDETTO DE VIVO

Full Prof. of Exploration and Environmental Geochemistry
Pegaso On-Line University
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Retired on November 1st, 2017, from:
University of Napoli Federico II
bdevivo@unina.it



2019 Gold Medal Award of the Association of Applied Geochemistry
2020 International Research Award as *Innovative Researcher* in Applied Geochemistry,
(by RULA AWARDS & IJRULA, in affiliation with, World Research Council & United Medical Council).
Included in 2019, by the Univ of Manchester, UK, in the list of the Top-Italian-Scientists
(http://www.topitalianscientists.org/Top_italian_scientists_VIA-Academy.aspx)

Adjunct Professor at:
Virginia Tech, Department of Geosciences, Blacksburg 24061, VA, USA
Nanjing University, China
Hubei Polytechnic University, Huangshi, China

Former Chief Editor of:
Journal of Geochemical Exploration (Elsevier) and
GEEA (Geochemistry: Exploration, Environment, Analysis) (Geol. Soc. London)
Fellow of Mineralogical Society of America
Southern Europe Councillor of the Association of Applied Geochemists (AAG)

CITATION HISTORY

Full Professor of Environmental Geochemistry
Google Scholar: *h-index* = 51; *i10-index* = 173; Citations 9,690 (updated: 27/3/2021)
Elsevier-Scopus/Mendeley: *h-index* = 44; Citations 6,151 (updated: 4/10/2020)
Research Gate: RG Score 43,03; *h-index* = 50; Citations 8,539 (updated: 21/12/2020)

SUMMARY OF PUBLICATIONS

- >300 papers (most of them on top internationally referred journals);
- >400 published abstract of presentation at conferences;
- 30 educational publications;
- 33 Monographs;
- 7 text books (in Italian) in geochemical prospecting and environmental geochemistry.
- Edited 36 special volumes of: J. Volcanol. Geotherm. Res.; Eur. J. Miner.; Inst. Mining and Metallurgy; Mineralogy and Petrology; Journal of Geochemical Exploration; Geochemistry: Exploration-Environment-Analysis; and others;
- > 24,000 total citations (Google Scholar, Scopus, Research Gate) of published papers (see citation history above)

EDUCATION, WORK AND HONORS

- 1971 Graduated in Geological Sciences (Laurea in Scienze Geologiche) at Università di Napoli Federico II, con 110/110.
- 1972-1973 Obligatory military service.
- 1973-1985 Consulting geologist for private companies operating in Italy, Africa (Sudan, Mozambique, Ghana) and Central America (Santo Domingo) in the field of ore deposits, geochemical prospecting, environmental geology and hydrogeology.
- 1976-1987 Researcher at National Research Council (CNR), Rome.
- 1987-2000 Responsible of various bilateral research projects between Italy and Japan and Italy and USA with funds from CNR.
- 1987-2000 Associate Professor of Applied Geochemistry at Università di Napoli Federico II.
- 1990 Responsible of a bilateral project in the framework of the “Protocollo di Intesa per l'Attuazione della Cooperazione Scientifica e Tecnologica” between Italy and Brasil.
- 1990-1994 Chairman of the Working Group "*Inclusions in Minerals*" within the International Mineralogical Association.
- 1994 Invited as *Lecturer* (one week) by Euro-Arabic University of Granada (Spagna).
- 1995 - 1996 Member of the Mining Research Committee at Ministry of Industry and Commerce (Italy).
- 1995-Present Coordinator of an exchange Erasmus programme between the Università di Napoli “Federico II, Granada (Spain) and University College London (U.K.).
- 1996-2006 Responsible for Italy of FOREGS (Forum of European Geological Surveys) Project, sponsored by Geological Surveys of Europe and some Universities.
- 1996-2001 Member of Experts Committee for the Bagnoli brownfield site remediation, Ministry of Economy, Italy.
- 1996-Present *Associate Editor* of the journal *Mineralogy and Petrology* (Springer-Verlag).
- 1996-2000 Member of the Tutors Committee of L. Fedele PhD programme at *Virginia Polytechnic and State University, Blacksburg, Virginia, USA* (Tutor: Prof. R. J. Bodnar).
- 2000-Present Full Professor of Environmental Geochemistry at Università di Napoli Federico II.
- 2006-Present Coordinator of an exchange Erasmus programme between the Università di Napoli “Federico II, and Huelva University (Spain) and Warsaw University (Poland).
- 2001 *Fellow* of the *Mineralogical Society of America*. Nominated for outstanding contributions to the fields of mineralogy, crystallography, geochemistry and petrology.
- 2003-2006 Responsible of the International PhD Programme “Internal dynamic of active volcanoes magmatic systems”, between the Università di Napoli Federico II and the Virginia Polytechnic Institute and State University, Blacksburg, Virginia (USA) funded by the Ministry of University and Research (MIUR) of Italy within the initiatives for internationalization of University system.
- 2004-2007 Member of the Editorial Board of the journal *GEOCHEMISTRY – Exploration – Environment – Analysis*.
- 2006-2008 Southern Europe Councillor of the Association of Applied Geochemists (AAG).
- 2006-Present Adjunct Professor at Virginia Polytechnic Institute and State University (VT), Blacksburg, Virginia, USA. Honor bestowed on internationally recognized educators and researchers who have had a long and continuing association with Virginia Tech.
- 2007 Editor (con Grasmann B. and Stuwe K.) of 5 Volumes on the Theme: Geology, published within the *Encyclopedia of Life Support System*, Vol. 1. EOLSS Publishers/UNESCO.
- 2008 Member of the Scientific Committee of the *Bollettino delle Assise di Napoli e del Mezzogiorno d'Italia*, Napoli, Italy.
- 2008 Responsible for Italy of GEMAS (Geochemical Mapping of Agricultural and Grazing Land Soils) sponsored by Eurometaux and EuroGeoSurveys (Geological Surveys of Europe) and some Universities.
- 2009-2018 Technical Consultant of the Public Attorney Stefania Buda (Procura della Repubblica di Napoli) for the trial on “Remediation of the Bagnoli brownfield site”. Trial concluded on the 1st Grade with a guilty sentence for the indicted for fraud and environmental disaster.
- 2010-2014 Coordinator of the PhD Programme “Internal dynamics of active volcanoes and hydrogeological-environmental risks”, Cycles XXV, XXVI, XXVII, XXVIII, University of Napoli Federico II.
- 2011 Selected in a list of 5 eligibles, by a Commission of the Ministry of University and Research (MIUR) as a Candidate for the nomination, by the Ministry of MIUR, as President of the National Institute of Geophysics and Volcanology (INGV).
- 2012-2013 *Associate Editor* of the Journal *American Mineralogist* (Mineralogical Society of America).
- 2007-2016 *Chief Editor* of Journal of Geochemical Exploration (JGE) (Elsevier).
- 2016 Adjunct Professor at Nanjing University, Nanjing, China.
- 2017-2018 *Co-Chief Editor* of *Geochemistry: Exploration-Environment-Analysis (GEEA)* (AAG; Geol.Soc. London).
- 2019 Guest Professor at Hubei Polytechnic University, Huangshi, China

- 2019 Included in the list of the Top-Italian-Scientists made by University of Manchester, UK (http://www.topitalianscientists.org/Top_italian_scientists_VIA-Academy.aspx).
- 2019 Recipient of the 2019 Gold Medal of the Association of Applied Geochemists awarded for outstanding scientific contributions and achievement in Applied Geochemistry
- 2020 International Research Awards (To: Babita Rani Choudhary, M. Santosh, Benedetto De Vivo, Gajananrao Jadhav, E. V. S. S. K. Babu), as *INNOVATIVE RESEARCHER* in Applied Geochemistry. Titles are awarded by, RULA AWARDS & IJRULA, in affiliation with, World Research Council & United Medical Council (Jan. 26th, 2020, at Grandeur Hall, Breeze Residency, Trichy, TN, India).

PRINCIPAL FIELDS OF RESEARCH AND EXPERIENCE

- Environmental geochemistry: environment evaluation of anthropogenic pollution, site characterization and remediation.
- Geochemical prospecting applied to mineral resources exploration.
- Fluid and melt inclusions in minerals: applied to studies on ore deposit genesis, geothermy, plutonic systems and volcanology.

REASERCH STAGES ABROAD

- 1978-1978 Research fellow (1 year) at the Colorado School of Mines, Golden, CO (USA) with a NATO-CNR Scholarship.
- 1982 Research fellow (6 months) at the United States Geological Survey, Reston, VA, USA with a CNR Scholarship.
- 1990 Invited as Visiting Scientist for two months at the Geological Survey of Japan (Tsukuba) by the EC-Japan Centre for Industrial Cooperation.
- 1992 Research fellow (2 months) at the United States Geological Survey, Reston, VA, USA with a CNR Scholarship.
- 1982-Present Periodic research stage, for collaborative research programmes at: U. S. Geol. Survey (Reston, VA, USA); Virginia Tech (Blacksburg, VA, USA); American Museum Natural History of New York (USA); University of California Santa Barbara (CA, USA); China University of Geoscience Wuhan, China; Nanjing University, China; Tonji University, Shanghai, China; China University of Geosciences Beijing, China; China University of Petroleum, Qingdao, China; Zhejiang Gongshang University, Hangzhou, China; Institute of Geochemistry, Chinese Academy of Sciences (IGCAS), Guiyang, China; Universidad de Huelva, Spain.

COLLABORATION WITH OTHER INSTITUTIONS

Responsible of Memorandum of Understanding between University of Napoli Federico II and different foreign Universities and Research Institutions: 1. Virginia Polytechnic Intitute & State University, Blacksburg, VA, USA; 2. United States Geological Survey, Reston, VA, USA; 3. City College of New York, NY, USA; 4. Americamn Museum Natural History of New York, NY, USA; 5. University of Tasmania, Hobart, Australia; 6. China University of Geosciences Wuhan, Cina; 7. China University of Geosciences Beijing, Cina; 8. Tongji University, Shanghai, Cina; 9. Nannjing University, Cina; 10. Zhejiang Gongshang University, Hangzhou, Cina; 11. China University of Petroleum, Qingdao, Cina; 12. Institute of Geophysical and Geochemical Exploration (IGGE), Langfang, Cina; 13. Institute of Geochemistry, Chinese Academy of Sciences (IGCAS), Guiyang, Cina.

Scientific and educational collaborations with researchers of the below Universities and Research Institutions:

1. U.S. Geological Survey, Reston, VA, USA.
2. Virginia Polytechnic Institute & State University, Blacksburg, VA, USA.
3. University of Tasmania, Hobart, Australia.
4. American Museum Natural History (NY - USA).
5. British Geological Survey, Nottingham, U. K.
6. Geological Survey of Finland, Espoo, FINLAND.
7. University of California Santa Barbara, California, USA.
8. City College of New York of CUNY, New York, USA.
9. China University of Geosciences Wuhan, China.
10. Nanjing University, China.
11. Tonji University, Shanghai, China.
12. China University of Geosciences Bejing, China.
13. Institute of Geophysical and Geochemical Exploration (IGGE), Langfang, China.
14. Universidad de Huelva, Spain.
15. China University of petroleum, Qingdao, China.
16. Institute of Geochemistry, Chinese Academy of Sciences (IGCAS), Guiyang, China.

