



Curriculum vitae Prof. Gilmo Vianello



Born in Venice on 9 June 1943, graduated in Geological Sciences, from 1972 to 1982 he directed the Cartographic Service of the Emilia-Romagna Region and since 1972 Enrolled in the Special National Register of Geologists. Associate Professor since 1982 and Full Professor since 2001 in Pedology (AGR/14) at the Faculty of Agriculture of the University of Bologna, he has taught in the three-year degree courses in "Land sciences and agro-forestry environment", "Agricultural Technologies". "Ornamental and landscape greenery" and master's degree courses in "Design and management of agro-territorial, forest and landscape ecosystems", Agricultural technologies" and "Geology and territory". From 1 November 2013 on leave due to reaching the age limit, he held the position of Adjunct Professor of the Alma Mater Studiorum at the Departments of Agro-Food Sciences and Technologies and of Biological, Geological and Environmental Sciences from the 2013/2014 to the 2019 academic year /2020.

He has more than 100 publications to his credit, 50 of which in international journals with Impact Factor on issues concerning, in particular, pedogenetic formation and evolution, soil contamination and degradation, land use, territorial representations using cartographic and GIS systems.

He is currently Vice President of the National Academy of Agriculture and editor-in-chief of the Scientific Review "EQA-International Journal of Environmental Quality".

Positions held within the Alma Mater Studiorum - University of Bologna (last 20 years)

- From 1982 to 2013 he was Scientific Responsible of the C.S.S.A.S. - Experimental Center for the Study and Analysis of Soil pertaining to the Department of Agricultural Science and Technology of the University of Bologna.
- From the A.Y. 2004/2005 at the Academic Year 2011/2012 he held the position of President of the specialist/master's degree course in "Design and management of agro-territorial forest and landscape ecosystems".
- From the A.Y. 2006/2007 at the Academic Year 2012/2013 he was Coordinator of the Orientation Commission of the Faculty of Agriculture and in this capacity a member of the University Commission for Orientation and Tutoring.

External teaching commitments at the University of Bologna (last 20 years)

From the A.Y. From 2001/2002 to the 2019/2020 academic year, he held the positions of "Physical and Environmental Sciences" and "Didactics of inorganic nature: chemistry" at the Faculty of Education Sciences, of the Free University of Bolzano.

Scientific responsibilities (last 20 years)

- In the three-year period 2000-2002 he was national manager of the MURST project in the context of the research network enhancement plans (CIPE) - Cluster 22 "Services to the citizen and the territory" entitled "Integrated monitoring model on different territorial realities connected to a geographic information system".
- In the four-year period 2003-2006 he was national manager of a MIUR FIRB Project relating to the Strategic Program "Science and technology in the Knowledge Society"

entitled "Dissemination and experimentation of cartography, remote sensing and geographic information systems, as applied teaching technologies to the study of the territory and the environment" (PNR 2001-2003 - FIRB art. 8 - Ministerial Decree 199 Rec. of 8 March 2001).

- In the three-year period 2003 - 2006 he was scientific director of the Research Unit "Monitoring of the quality of wastewater for irrigation purposes in some realities of the Po basin" within the FIRS Project financed by MiPAF and MIUR, "Optimization for irrigation purposes of the quality of the waste water for the protection of the soil resource and for the multiple use of the water resource" (Art. 51, paragraph 9, of December 27, 1997, n. 449. Ministerial Decree 10/5/2000).
- In the academic year 2007/2008 he was coordinator of the International Summer School LLP IP Erasmus "Recreational and touristic itinerary planning in a mountain agroecosystem of particular historical, archaeological and environmental interest".

Participation in technical-scientific commissions (last 20 years)

- For the three-year period 2001 - 2004 Member of the Scientific Committee of the Project "Geographical Information Systems applied to the territory and the environment" of the FORMEZ - Center for Training and Studies.
- From 2000 to date he has been a member of the Regional Commission for the Coordination, Promotion, Organization and Development of Environmental Information and Education Activities - art. 6 Regional Law 15/1996 Emilia Romagna Region.
- From 2003 to 2011, member of the Technical-Scientific Advisory Committee for the National Observatory on Pedology and for the quality of agricultural and forest soil of the MiPAF (Ministry of Agricultural and Forestry Policies).

Offices within Scientific Societies (last 20 years)

- From 1996 to 2001 President of the Italian Cartography Association (A.I.C.).
- In the two-year period 2001 - 2002 President of the VIII Commission of the Italian Society of Soil Sciences (SISS).
- In the three-year period 2001 - 2003 Member of the Scientific Council of the Federation of Scientific Associations for Territorial and Environmental Information (A.S.I.T.A.). From 2003 to 2009 Member of the Board of Directors of the Italian Society of Soil Science (SISS) and currently Honorary Member.
- From 2003 to 2009 Member of the Board of Directors of the Italian Society of Pedology (SIPE) and currently Honorary Member.
- Since 2006 Scientific Director of Geolab APS, Center of Excellence in Environmental Education of the Emilia-Romagna Region.
- From 2014 to 2019 member of the Board of Directors and from 2020 Vice-President of the National Academy of Agriculture (ANA).
- Since 2021 member of the Executive Committee of the National Union of Academies for Sciences Applied to the Development of Agriculture and Security Food and Environmental Protection (UNASA)

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Nato a Venezia il 9 giugno 1943, laureato in Scienze Geologiche, ha diretto dal 1972 al 1982 il Servizio Cartografico della Regione Emilia-Romagna e dal 1972 Iscritto all'Albo Nazionale Speciale dei Dottori Geologi. Professore Associato dal 1982 ed Ordinario dal 2001 in Pedologia (AGR/14) presso la Facoltà di Agraria dell'Università degli Studi di Bologna ha tenuto insegnamenti nell'ambito dei Corsi di laurea triennali

in "Scienze del territorio e dell'ambiente agroforestale", "Tecnologie agrarie". "Verde ornamentale e del paesaggio" e dei corsi di laurea magistrale in "Progettazione e gestione degli ecosistemi agroterritoriali, forestali e del paesaggio", "Tecnologie agrarie" e "Geologia e territorio". Dall'1 novembre 2013 in congedo per raggiunti limiti di età, ha svolto attività di Professore a Contratto dell'Alma Mater Studiorum presso i Dipartimenti di Scienze e Tecnologie AgroAlimentari e di Scienze Biologiche Geologiche ed Ambientali dall'AA 2013/2014 all'AA 2019/2020.

Ha al suo attivo più di 100 pubblicazioni di cui 50 su riviste internazionali con IF su tematiche riguardanti, in particolare, la formazione e l'evoluzione pedogenetica, la contaminazione ed il degrado dei suoli, l'uso del suolo, le rappresentazioni del territorio mediante sistemi cartografici e GIS.

Attualmente VicePresidente dell'Accademia Nazionale di Agricoltura ed editor-in-chief della Rivista Scientifica "EQA-International Journal of Environmental Quality"

Posizioni occupate nell'ambito dell'Università di Bologna (ultimi 20 anni)

- Dal 1982 al 2013 è stato Responsabile scientifico del C.S.S.A.S. - Centro Sperimentale per lo Studio e l'Analisi del Suolo afferente al Dipartimento di Scienze e Tecnologie Agrarie dell'Università di Bologna.
- Dall'A.A. 2004/2005 all'A.A. 2011/2012 ha ricoperto il ruolo di Presidente del Corso di laurea specialistica/magistrale in "Progettazione e gestione degli ecosistemi agroterritoriali forestali e del paesaggio".
- Dall'A.A. 2006/2007 all'A.A. 2012/2013 è stato Coordinatore della Commissione Orientamento della Facoltà di Agraria e in tale veste componente della Commissione d'Ateneo per l'Orientamento ed il Tutoraggio.

Impegni didattici esterni all'Ateneo di Bologna (ultimi 20 anni)

Dall'A.A. 2001/2002 all'AA 2019/2020 è stato titolare per affidamento degli incarichi di "Scienze Fisiche ed Ambientali" e di "Didattica della natura inorganica: chimica" presso la Facoltà di Scienze della Formazione, della Libera Università di Bolzano.

Responsabilità scientifiche (ultimi 20 anni)

- Nel triennio 2000-2002 è stato Responsabile nazionale del Progetto del MURST nell'ambito dei Piani di potenziamento della rete di ricerca (CIPE) - Cluster 22 "Servizi al cittadino ed il territorio" dal titolo "Modello integrato di monitoraggio su differenti realtà territoriali collegate ad un sistema informativo geografico".
- Nel quadriennio 2003-2006 è stato responsabile nazionale di un Progetto FIRB del MIUR relativo al Programma Strategico "Scienza e tecnologia nella Società della Conoscenza" dal titolo "Diffusione e sperimentazione della cartografia, del telerilevamento e dei sistemi informativi geografici, come tecnologie didattiche applicate allo studio del territorio e dell'ambiente" (PNR 2001-2003 - FIRB art. 8 - D.M. 199 Ric. dell'8 marzo 2001).
- Nel triennio 2003 - 2006 è stato responsabile scientifico dell' Unità di Ricerca "Monitoraggio della qualità delle acque reflue a fini irrigui in alcune realtà del bacino padano" nell'ambito del Progetto FIRS finanziato dai MiPAF e dal MIUR, "Ottimizzazione a fini irrigui delle qualità delle acque reflue per la salvaguardia della risorsa suolo e per l'utilizzo plurimo della risorsa acqua" (Art. 51, comma 9, della 27 dicembre 1997, n. 449. D.M. 10/5/2000).
- Nell'anno accademico 2007/2008 è stato coordinatore della International Summer School LLP IP Erasmus "Recreational and touristic itinerary planning in a mountain agroecosystem of particular historical, archaeological and environmental interest".

Partecipazione a Commissioni tecnico-scientifiche (ultimi 20 anni)

- Per il triennio 2001 - 2004 Membro del Comitato Scientifico del Progetto "Sistemi Informativi Geografici applicati al territorio e all'ambiente" del FORMEZ - Centro di Formazione e Studi.
- Dal 2000 a tutt'oggi fa parte della Commissione Regionale di Coordinamento Promozione Organizzazione e Sviluppo delle Attività di Informazione ed Educazione Ambientale - art. 6 L.R. 15/1996 Regione Emilia Romagna.
- Dal 2003 al 2011 componente del Comitato consultivo tecnico scientifico per l'Osservatorio nazionale Pedologico e per la qualità del suolo agricolo e forestale del MiPAF (Ministero delle Politiche Agricole e Forestali).

Cariche nell'ambito di Società a carattere scientifico (ultimi 20 anni)

- Dal 1996 al 2001 Presidente della Associazione Italiana di Cartografia (A.I.C.).
- Nel biennio 2001 - 2002 Presidente della VIII Commissione della Società Italiana di Scienze del Suolo (SISS).
- Nel triennio 2001 - 2003 Componente il Consiglio Scientifico della Federazione Associazioni Scientifiche per le Informazioni Territoriali ed Ambientali (A.S.I.T.A.). Dal 2003 al 2009 Membro del Consiglio Direttivo della Società Italiana di Scienza del Suolo (SISS) ed attualmente Socio Onorario.
- Dal 2003 al 2009 Membro del Consiglio Direttivo della Società Italiana di Pedologia (SIPE) ed attualmente Socio Onorario.
- Dal 2006 Responsabile Scientifico di Geolab APS, Centro di Eccellenza di Educazione Ambientale della Regione Emilia-Romagna.
- Dal 2014 al 2019 membro del Consiglio Direttivo e dal 2020 Vicepresidente dell'Accademia Nazionale di Agricoltura (ANA).
- Dal 2021 componente del Comitato Esecutivo dell'Unione Nazionale delle Accademie per le Scienze Applicate allo sviluppo dell'Agricoltura, alla Sicurezza Alimentare ed alla Tutela dell'Ambiente (UNASA)

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