



Sergio Rusi

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ASSOCIATE PROFESSOR

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Settore Scientifico Disciplinare GEOS/03B GEOLOGIA APPLICATA

Settore Concorsuale 04/GEOS03 GEOGRAFIA FISICA, GEOMORFOLOGIA e GEOLOGIA APPLICATA

Associate Professor of Hydrogeology at Department of Sciences – University "G. d'Annunzio" Chieti-Pescara (Italy).

He conducts research in general, environmental and applied Hydrogeology.

Member of the faculty board of the Ph.D. course "Geosciences" of the School of Advanced Studies G. d'Annunzio University of Chieti-Pescara.

President of the IAH Italian committee (International Association of Hydrogeologists).

Member (Vice-President) of the regional council of Geologists

Formation

1988 MSC in Geological Sciences at the University of Bologna with distinction.

1999 PhD Degree in Geomorphology, Applied Geology and Hydrogeology at the University of Perugia in 1999

Academic career

Graduate Technician at the University G. d'Annunzio of Chieti-Pescara from 1995 to 2000

Researcher - SSD GEO/05 – at the Department of Earth Science University "G. d'Annunzio" of Chieti-Pescara from 2000 to 2005.

Associate Professor since 2005 at the Department of Science University "G. d'Annunzio" of Chieti-Pescara scientific sector GEO/05-Applied Geology, contest winner at the University of Udine (Italy).

In 2018 reached the National Scientific Eligibility to Full Professor.

In 2019 reached the threshold values for join the Selection Board ANVUR ASN 04/GEOS3.

Mother tongue Italian

Other languages English– User self

Teaching activity

Lecture in Elements of Hydrogeology and Applied and Environmental Hydrogeology since 1999/2000 at University G. d'Annunzio of Chieti.

Member of the faculty board of the Ph.D. course "Geosciences" of the School of Advanced Studies G. d'Annunzio University of Chieti-Pescara. He provided 6 PhD thesis.

Lecture in Masters of 1st and 2nd level.

Lecture in coordination activity and teaching for professionals and high school teachers.

Member of examiner's commissions at PhD, Researcher and fellowship competitions.

He provided and has been providing Degree thesis tutorial activity for more than 120 jobs in hydrogeology field.

He is Tutor in the Erasmus+ program with the University of Poitiers 86000 POITIERS Cedex France Faculty of Sciences - Department of Geology - Department of Soil and Water Sciences.

Scientific activity

He develops scientific activity on Fractured and Karstic Hydrogeology, Hydrogeology of Porous Media with reference to the Hydrodynamic, the Quality of Groundwater, the Mathematical Modelling and to the Groundwater Pollution.

Currently he is deepening the study of natural and induced by contamination chemical phenomena in groundwater and the statistical analysis of meteorological-hydrogeological data.

Published over 160 articles in international and national journals 70 of them in ISI-WoS Journal.

Lecture, Convenor, Chairman, Reviewer, member of the Scientific and Organizing board in over 80 congresses, meetings, workshop and study days.

Scientific advisor in the agreement between his departments and local governments.

Technical and scientific consulting activity for public and private organization on hydrodynamic, hydro-chemic and hydrogeology of both porous and fissured aquifers exploited by wells and tappings

Project manager in the research program (ex 60%) in investigation into: Interrelations between recharge, circulation and discharge in the Apennine hydro structures in relation to experimental meteorological, hydrologic, hydrogeology and hydro chemical parameters. Quantitative implications on the hydrodynamic and vulnerability of fissured, karst and porous media.

Scientific partner for co-funded research programs PRIN 2000, 2005, 2008 (Italian Ministry of the University).

Member of operative task 10 of G.N.D.C.I. C.N.R., research line n. 4 – Groundwater vulnerability.

He has collaborated within Hydrogeological research with many University Departments and Research centres.

Bibliometric indexes

ORCID: <https://orcid.org/0000-0003-0512-5614>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=16301734600>

Web of Science ResearcherID: <https://publons.com/researcher/2055081/sergio-rusi/>

Research Gate: https://www.researchgate.net/profile/Sergio_Rusi

Google Scholar: https://scholar.google.it/citations?view_op=list_works&hl=it&user=2w5bGbYAAAAJ

Editorial Boards

Associate Editor of the journals:

- Scientific Report ISSN 2045-2322 (dal 2019).
- Acque Sotterranee – Italian Journal of Groundwater ISSN 1828-454X, 2280-6458 (dal 2020)
- Geologia Tecnica ed Ambientale (dal 2016)
- Giornale di Geologia Applicata (Engineering, Hydro, Environmental Geoloy) (2005-2008)

Scientific referee

- Environmental Earth Sciences ISSN 1866-6280
- Environmental Monitoring and Assessment ISSN 0167-6369.
- Environmental Sciences and Pollution Research ISSN 0944-1344
- Geophizica ISSN 0352-3659
- Groundwater for sustainable development ISSN 2352-801X
- Grundwasser ISSN 1430-483X
- Italian Journal of Engineering Geology and Environment ISSN 1825-6635
- Italian Journal of Geosciences (ex Bollettino della Società Geologica Italiana) ISSN 2038-1719

- Journal of Maps ISSN 1744-5647
- Science of the Total Environment ISSN 0048-9697
- Scientific Reports ISSN 2045-2322
- Hydrological Processes ISSN 10991085, 08856087
- Water ISSN 20734441
- Environmental pollution ISSN 02697491, 18736424
- Applied Sciences ISSN 20763417
- Arabian Journal of Geosciences ISSN 18667538, 18667511
- Environmental Geochemistry and Health ISSN 0269-4042
- Journal of Hydrology Regional Study ISSN 2214-5818
- Hydrology ISSN 23065338

Institutional activities and academic assignments

Since 2022 member of the faculty board of the Ph.D. course “Geosciences” of the School of Advanced Studies G. d’Annunzio University of Chieti-Pescara

Since 2017 Member of the faculty board of the Ph.D. course “Earth Systems and Built Environments” of the School of Advanced Studies G. d’Annunzio University of Chieti-Pescara.

Between 2009 and 2012 member of the faculty board of the Ph.D. course “PROGETTAZIONE ED INGEGNERIA DEL SOTTOSUOLO E DELL’AMBIENTE COSTRUITO” at the University G. d’Annunzio of Chieti-Pescara.

Between 2006 and 2007 member of the faculty board of the Ph.D. course “GEOLOGIA APPLICATA ALL’AMBIENTE ED AL TERRITORIO” at the University G. d’Annunzio of Chieti-Pescara Pescara.

Other activities

Founding member (July 2017) and current member of the Spin Off “SOLVED SRL” of the University “G. d’Annunzio” Chieti-Pescara.

Elected member of the Board of the Italian Society of Applied and Environmental Geology (AIGA) - 2005-2007.

Elected member of the Board of the IAH Italian committee (International Association of Hydrogeologists) - 2017-2021 and 2022-2026.

Elected member of the regional council of Geologists - 2017-2021 and Vice-President 2022-2025

Elected member of the Board of the Italian Geological Society (SGI) - 2004-2006.

Elected Secretary of the board of the IAH Italian committee (International Association of Hydrogeologists) - 2017-2021. Elected President of the board of the IAH Italian committee (International Association of Hydrogeologists) - 2022-2026.

Member of the International Association of Hydrogeologists (IAH) since 2001

Member of the Italian Geological Society (SGI) since 2001

Member of the National Council of Geologists (N.8244) and of the regional council of Geologists (N. ES 10) since 1991.