

PERSONAL INFORMATION

Marco Falconi



JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR
PERSONAL STATEMENT

Researcher

WORK EXPERIENCE

Nov2003 - present

Technologist/Researcher

ISPRA (Via Vitaliano Brancati 48 Rome, Italy, www.isprambiente.gov.it/en)

- Evaluation of characterization plans, risk assessments, remediation projects on contaminated sites on the Italian National Priority List
 - Expert Teamleader of Water & Land, IMPEL (EU network for the implementation and enforcement of environmental law) since 2018
 - Remtech Europe scientific Coordinator since 2018
 - Participation in the UNEP initiative, GEO 6 global pool of experts for the European Regional Assessment on "Chemicals and Waste"
 - Participation in ISPRA-ARPA WG 9bis on "Soil Gas"
 - Participation in ISPRA-ARPA WG 39 on "Measurement uncertainty"
 - Participation in the WG "Application of urban perimeter methodologies with reference to provincial capitals identified in the Urban Environment Quality Report" (Prot. 31390 of 30/07/2014).
 - Participation in the WG "Referents of National Interest Article 252 Legislative Decree 152/06" (Prot 4478 / SUO-DIR of 16 /12/2013).
 - Coordinator of the WG "Support to the ETC-SIA Project" (Prot 3613 / SUO-DIR of September 18, 2013).
 - Participation in the "Contaminated Sites" WG (Prot. SUO / 3620 of 29 December 2011).
 - Participation in the WG "State of progress of characterization, n nine sites of national interest: Pieve Vergonte, Priolo, Gela, Eastern Naples, Brindisi, Porto Torres, Mantua, Crotona, Cengio" (Prot. SUO / 1407 of 31 May 2011).
 - Participation in the WG "Operational Protocols for the Determination of Metals / Metalloid Funds in Soils of Sites of National Interest and for the Definition of Background Values for Inorganic Substances in Groundwater" (Prot. SUO / 412 / IST of 5/02/2010).
 - Participation in the WG "Support for IPPC-AIA and Contaminated Sites" (Prot. SUO / 3252 of 14/12/2009).
 - Participation in the ISPRA Technical Support Working Group to the MATTM IPPC-AIA Committee (Prot. SUO / 2868 of 23/11/2009).
 - ISPRA representative in the EuroGeoSurveys WG "Geochemistry" since 2010
 - Participation in the EU WG "Green Infrastructure"
 - Component of the ISPRA Risk Analysis Assessment Secretariat (prot. 1816 / EME of 27/06/2008)
 - Participation in the APAT / ISS / ISPESL / ARPA / APPA WG for the revision / update of the "Methodological criteria for the application of the health and environmental risk analysis".
 - Participation in the HICSED Project for the Evaluation of the Sediments of the Lagoon of Venice.
- Business or sector** Environmental services

EDUCATION AND TRAINING

- 2007 - 2010 **Master's Degree in Environmental Geology**
 University of Urbino (www.uniurb.it, Italy), 110/110 cum laude

 - Soil processes, Landslides, Geological mapping, Sedimentology, Environmental geology

- 2003 - 2004 **University course of high scientific/professional formation on "Characterization and Remediation of Contaminated Sites"**
 University of Urbino (www.uniurb.it, Italy), scholarship winner

 - Characterization plans, risk assessment, fate and transport models, remediation techniques

- 1994 - 2001 **Master's Degree in Environmental Sciences**
 University of Urbino (www.uniurb.it, Italy), 110/110

 - Chemistry of pollutants, Environmental Assessment, Ecology; Ecosystem Services, Land use

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					

Communication skills Good communication skill gained through my lectures in several universities

Organisational / managerial skills leadership (currently responsible for a team of 12 people on a single project), project management

Job-related skills Organizing workshops and conferences, managing social media

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient	Proficient	Independent	Independent	Independent

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificate(s)

- good command of office suite (word processor, spread sheet, presentation software)
- good command of risk assessment softwares gained as user

Driving licence B

- Publications
 Presentations
 Projects
 Conferences
 Seminars
 References
 Citations
- N. Jevtic (Serbian Environmental Protection Agency), M.Falconi (ISPRA), Towards Soil Decontamination in the Republic of Serbia, ISBN: 978-86-87159-20-4, Belgrade 2018. <http://www.sepa.gov.rs/download/zemljiste/TowardsSoilDecontamination.pdf>
- JRC, 2017. European achievements in soil remediation and brownfield redevelopment; doi:10.2760/818120, ISBN 978-92-79-71690-4 (PDF), ISBN 978-92-79-71691-1 (print) <http://publications.jrc.ec.europa.eu/repository/bitstream/JRC102681/kj0217891enn.pdf>
- S. Padoan et al., Il Green Business in Cina, la rivoluzione verde cinese e l'evoluzione del mercato della tutela ambientale, ISBN 978-88-99890-00-1 <http://www.eegex.com/index.php/it/13-desk-cina/28-green-business-cina>
- UNEP/UNECE 2016. GEO-6 Assessment for the pan-European region (rev. 1). United Nations Environment Programme, Nairobi, Kenya. ISBN: 978-92-807-3545-1 <https://www.unenvironment.org/resources/report/geo-6-global-environment-outlook-regional-assessment-pan-european-region>
- S.Brini et al., Qualità dell'ambiente urbano - XII Rapporto. Edizione 2016, Technical Report 67/2016, ISBN 978-88-448-0793-1, http://www.isprambiente.gov.it/public_files/XII_RAPPORTO_AREE_URBANE/XII_RAU_Volume_completo.pdf
- A.Corsini et al., Technical Feasibility of a Photovoltaic Power Plant on Landfills. A Case study, Article in Energy Procedia 82:759-765 December 2015, https://www.researchgate.net/publication/289999685_Technical_Feasibility_of_a_Photovoltaic_Power_Plant_on_Landfills_A_Case_study
- JRC, 2015. Remediated sites and brownfields. Success stories in Europe; EUR 27530 EN; doi 10.2788/406096, ISBN 978-92-79-52797-5 (PDF), ISBN 978-92-79-52796-8 (print) <http://publications.jrc.ec.europa.eu/repository/bitstream/JRC98077/lbna27530enn.pdf>
- S. Albanese et al., GEMAS: Cobalt, Cr, Cu and Ni distribution in agricultural and grazing land soil of Europe, Journal of Geochemical Exploration 154:81-93 · July 2015
- S. Quadrani, M. Falconi, M. Guerra, Biocarburanti: prevenzione del rilascio, comportamento ambientale, bonifica e monitoraggio, Manuali e Linee guida ISPRA 114/2014, ISBN: 978-88-448-0673-6, http://www.isprambiente.gov.it/files/pubblicazioni/manuali-lineeguida/MLG_114_14.pdf
- C. Albano, et al., Libro Bianco 2014, Sostenibilità nelle Bonifiche in Italia", SuRF Italy, GdL RECONnet, http://www.surfitaly.it/documenti/SuRF_Italy_Libro_Bianco_rev_Ottobre2015.pdf
- D. Ludlow, et al. Land Planning and Soil Evaluation Instruments in EEA Member and Cooperating Countries, <http://www.eea.europa.eu/themes/landuse/document-library>
- T. Pennesi, M. Falconi, A. Dell'Anno, F. Beolchini, L. Rocchetti, Nuove tecnologie per il biorisanamento di suoli contaminati, pp.45-53, Micron, anno X, numero 25. http://www.arpas.umbria.it/Resources/docs/micron%2025/micron_25_45.pdf
- M. Falconi, E. Bartolucci, F. Araneo, I siti di interesse nazionale prossimi o interni alle città, Qualità dell'Ambiente Urbano VII rapporto ISPRA, http://www.isprambiente.gov.it/contentfiles/00009400/9448-vii-rapportoareeurbane2010.pdf/at_download/file, ISBN 978-88-448-0490-9
- F. Fumanti, M. Falconi, Suolo, Qualità dell'Ambiente Urbano VII rapporto ISPRA, http://www.isprambiente.gov.it/contentfiles/00009400/9448-vii-rapportoareeurbane2010.pdf/at_download/file, ISBN 978-88-448-0490-9
- L. Guerrieri, et. al., (Integrated Urban Monitoring in Europe), Qualità dell'Ambiente Urbano VII rapporto ISPRA, http://www.isprambiente.gov.it/contentfiles/00009400/9448-vii-rapportoareeurbane2010.pdf/at_download/file, ISBN 978-88-448-0490-9
- Green infrastructure and territorial cohesion: the concept of green infrastructure and its integration into policies using monitoring systems, <http://www.eea.europa.eu/publications/green-infrastructure-and-territorial-cohesion>, ISBN 978-92-9213-242-2
- European Environment Agency EEA, G. Dige, E. Cebrian Calvo, G. Lamers, I. Capozza, Y. Garcia, J. Martin, U. Nucic, A.Csanády, S. Lang, Y. Izabel, R. Ballaguy, G. Kremlis, S. Kleeschulte, A. Iglesias, M. Falconi, A. Vecchio, V. Vitale, M. Roma, Territorial cohesion, Analysis of environmental aspects of the EU Cohesion Policy in selected countries, ISBN 978-92-9213-007-7 http://www.eea.europa.eu/publications/territorial-cohesion-2009/at_download/file
- European Environment Agency EEA, Green infrastructure and territorial cohesion: the concept of green infrastructure and its integration into policies using monitoring systems, 2011 <http://www.eea.europa.eu/publications/green-infrastructure-and-territorial-cohesion>, ISBN 978-92-9213-242-2
- European Environment Agency EEA, G. Dige, E. Cebrian Calvo, C. Colliander Golding, P. Crouzet, R. Uhel, H. Vos, A. Meiner, D. Gee, J. Martin, A. Hurrelmann, P. Depous, K. Bizer, M. Enguidanos Weyler, M. Gaworska, M. Thoroe, Y. Gerard, W. Korthals Altes, S. Schmidt, P. Creuzer, M. Dejeant-Pons, G. de Lanchy, M. Gómez Riocerezo, E. Mikosz, M. Festa, F. Harrison, S. Kleeschulte, M. Falconi, A. Iglesias-Campos, Land in Europe: prices, taxes and use patterns, 2010, http://www.eea.europa.eu/publications/land-in-europe/at_download/file, ISBN 978-92-9213-094-7.

D'Aprile et. al., Criteri metodologici per l'applicazione dell'analisi assoluta di rischio ai siti contaminati, rev. 2, marzo 2008, www.isprambiente.gov.it/files/temi/siti-contaminati-02marzo08.pdf

Europe's environment, the fourth assessment", EEA 2008, http://www.eea.europa.eu/publications/state_of_environment_report_2007_1/chapter0.pdf

F. Quercia et al., Human Health Risk assessment: application of the NORISC-HRA and ROME models at two test sites, MGP 2006, Land Contamination and Reclamation, Vol, 14, n.2 2006, EPP. https://www.researchgate.net/publication/238449601_Human_health_risk_assessment_application_of_the_NORISC-HRA_and_ROME_models_at_two_test_sites

F. Quercia et al., Towards an EEA Europe-wide assessment of areas under risk for soil contamination – Review and analysis of existing methodologies for preliminary risk assessment: http://www.eionet.europa.eu/software/prams/release1/PRAMS2_ReviewMethodologies.pdf

M. Falconi et al., Towards an EEA Europe-wide assessment of areas under risk for soil contamination – PRA.MS: scoring model and algorithm, scaricabile al sito web dell'EEA: http://www.eionet.europa.eu/software/prams/release1/PRAMS3_Methodology.pdf

Honours and awards
Memberships
Certifications

- USEPA CLU-IN Instructor “Sustainable Remediation” <https://clu-in.org/conf/tio/SustRem2014/>
- Member of Envirosummit scientific Committee, Charlotte (NC, USA), 1-3 September 2020
- “Certificate of Appreciation” of United Nations for the project “Enhanced Cross-Sectoral Land Management Though Land Use Pressure Reduction and Planning”, Belgrade, 9 October 2019
- Prize for “Technological Innovation” Remtech Expo, 22 November 2017
- Beijing (Cina), 25 Febbraio – 2 Marzo 2017, official representation of the European Commission DG Environment at workshop “Soil Policy, science and technology” co-organized by Chinese Academy of Science, DG-Environment e Joint Research Centre
- Member of the Scientific Committee “International Conference on Contaminated Sites” biannual conference in Slovakia
- GEO 6 (Global Environment Outlook) expert (17 March 2015)
- EEA nominated Expert at Workshop “Towards an EEA European-wide assessment of problem areas under risk for soil contamination”, EEA, Kobenhavn, 6-7 Dicembre 2005.

Courses Contract professor at Marche Polytechnical University since 2013
Training course on “Environmental regulations”
https://www.univpm.it/Entra/Elenco_docenti_a_contratto_Sienze

Contract professor at Camerino University since 2018
Training Course on “Polluted sites remediation”
<https://sst.unicam.it/it/docenti>

Contract professor at Urbino University since 2021
Training Course on “Geochemical indicators for environmental monitoring”
<https://www.uniurb.it/syllabi/259790>

I taught as invited lecturer at

- University of Rome La Sapienza
- Scuola Superiore Sant'Anna
- University of Venice “Ca Foscari”
- University of Teramo
- Milan Polytechnic University
- Georgia State University
- University Paris-EST Marne la Vallee
- Liegi University
- Metropolitan College of New York
- University of Madison