

CURRICULUM VITAE

DOTT. MARCO FALCONI

1. Address:

- *Place and date of birth:*
- *Address:*
- *Telephone:*

2. Personal information

- *Civil state: Married*
- *Nationality: Italian*
- *Fiscal code: FLC MRC 75L25 D488B*

3. Instruction:

- *Year 2010 Master degree in "Geology" at University of Urbino, 110/110 cum laude;*
- *Year 2004 Postgraduate master in "Characterization and remediation of contaminated sites"*
- *Year 2001 Master Degree in "Environmental Science", 110/110;*

4. Professional experience:

November 2003 – today Researcher at **ISPRA** (Italian National Institute for Environmental Protection and Research, state owned), Soil Protection Department, SUO-IST.
http://www.isprambiente.gov.it/en?set_language=en

- *Partecipazione to Expert Team Water & Land, IMPEL (EU network for the implementation and Enforcement of Environmental Law)*
- *Partecipazione to UNEP, GEO 6 global pool of experts for European Regional Assessment on "Chemicals and Waste"*
- *Technical control on over 300 characterization plans, risk assessments and remediation plans on Italian Contaminated Sites of National Interest (SIN).*
- *Technical control on 7 projects on compliance to IPPC (Directive 2010/75/UE).*
- *Background values for soils and groundwater.*
- *Collaboration with the European Environment Agency*
 - *Cohesion Project, giving support for several case studies.*
 - *Development and collection of data for indicator CSI-015 Progress in Management of*
 - *contaminated sites.*
 - *PRAMS methodology and software.*
- *Italian working group on "National guidelines on risk assessment".*
- *Innovative remediation technologies*

- *In situ* characterization techniques
- Working group Geochemistry in EuroGeoSurveys
- EU working group on Green Infrastructure.

September 2005 – today Teacher at **University of Rome “La Sapienza”**

- 2005 – 2011: Lecturer at Master "Health and Safety", Aerospace, Electric and Energetic Engineering Department (DIAEE), Engineering Faculty, 2009-2011. Lectures on: 1. Risk assessment, 2. Decision Support Systems applied to remediation, 3. How to develop a Bioventing System in a contaminated site, 4. Green and Sustainable Remediation
- 2011 – Present: Lecturer at Master CTBSI "Characterization and Technologies for remediation of contaminated Sites", Chemical Department, Mathematical Physical and Natural Sciences Faculty, since 2011. Lectures on: 1. Innovative approaches to soil and groundwater characterization, 2. Green and Sustainable Remediation

<http://www.masterbonifica.uniroma1.it/index.php/persone/>

- 2013 – Present: Lecturer at Master EFER "Energy Efficiency and Renewable Resources", Mechanical and Aerospace Engineering Department, Engineering Faculty, since 2013. Lectures on: 1. Renewable energy production in contaminated sites, 2. Best practices for installation of PV systems in landfills, 3. Prescreening of solar, wind, biomass in contaminated sites

<https://web.uniroma1.it/masterefer/persone/persone>

October 2012 – today Teacher at **University of Pisa “Scuola Superiore Sant’Anna”**

- Lecturer at Master "Management and Control of the Environment". Lecture on: Characterization Techniques, Risk Assessment, Remediation Technologies for soil, sediments, sludge, groundwaters and surface waters.

http://web1.sssup.it/trasparenza/incarichi_ce/2854_FALCONI_MARCO.pdf

May 2013 – today Teacher at **University of Venice “Ca’ Foscari”**

- Lecturer at Master "Characterization and Remediation of Contaminated sites". Lecture on: 1. Risk assessment, 2. Risk Management on real case studies

<http://www.unive.it/pag/4868/>

January 2014 – today Teacher at **University of Ancona, Faculty of Science**

- *Contract professor at Faculty of Science. Lecture on: 1. Risk assessment applied to contaminated sites and landfills*

http://www.disva.univpm.it/sites/www.disva.univpm.it/files/disva/corsi_integrativi/falconi.pdf

Moreover, many other teaching experiences at European Commission, University of Paris Est Marne-La-Vallée, FAST, Saipem, Geologists professional orders, ISS, Synergia Formazione, Synergie, Uniecampus, Forgea international, Ecosud, Arpa Lazio, Arpa Campania, Regione Emilia Romagna, Tecnologie e Servizi on the following fields: **European Environment Legislation, Environmental inspections by the control authorities, Waste classification, Landfills construction, Landfill remediation, Liquid dumping, Air emissions, Monitoring Systems, Characterization of the Environmental matrixes, Environmental Due Diligence, Environmental Permitting (AIA, AUA, VINCA, VIA, VAS, VIAS), Groundwater Treatment, Soil and Sediment Treatment, Disaster Management, Emergency Action, Post mitigation inspections**

5. Relevant publications (some are in italian)

Year 2015

- Various authors, *Remediated sites and brownfields Success stories in Europe. A report of the European Information and Observation Network's National Reference Centres for Soil (Eionet NRC Soil)*

<http://publications.jrc.ec.europa.eu/repository/bitstream/JRC98077/lbna27530enn.pdf>

Year 2014

- 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

Year 2013

- 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.arpa.umbria.it/Resources/docs/micron%2025/micron_25_45.pdf

- T. Pennesi, F. Beolchini, A. Dell'Anno, M. Falconi, M.Aversa, *Tecnologie di biorisanamento, il Bioventing Passivo*, pp.60-62, ECO anno 6, numero 22.

Year 2012

- F. Araneo, E. Bartolucci, M. Falconi, I siti di interesse nazionale prossimi o interni alle città, Qualità dell'Ambiente Urbano VIII rapporto ISPRA,

http://www.isprambiente.gov.it/files/pubblicazioni/statoambiente/VIII_RAPP_AREE_URBANE.pdf, ISBN 978-88-448-0561-6

Year 2011

- M. Falconi, L.D'Aprile, *Utilizzo di energie rinnovabili negli interventi di bonifica dei siti contaminati*, pp.32-35, ECO anno 4, numero 14, <http://www.ecoera.it/rivista/archivioriviste/2011/1731-eco-14-marzo-2011>

- 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-viirapportoareeurbane2010.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-viirapportoareeurbane2010.pdf/at_download/file, ISBN 978-88-448-0490-9

- L. Guerrieri, C. Iadanza, V. Vitale, M. Falconi, A. Vecchio, Verso un monitoraggio integrato dell'ambiente urbano in Europa: il progetto IUME (Integrated Urban Monitoring in Europe), Qualità dell'Ambiente Urbano VII rapporto ISPRA,

http://www.isprambiente.gov.it/contentfiles/00009400/9448-viirapportoareeurbane2010.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

Year 2010

- G. Dige, E. Cebrian Calvo, P. Crouzet, R. Uhel, A. Meiner, P. Salez, J. Peyrony, L. Dijkstra, G. Novotny, M. Fichter, J. Parker, S. Kleeschulte, A. Iglesias, M. Perez Soba, M.Falconi, A. Vecchio, *The territorial dimension of environmental sustainability Potential territorial indicators to support the environmental dimension of territorial cohesion* http://www.eea.europa.eu/publications/the-territorialdimension-of-environmentalsustainability/at_download/file, ISBN 978-92-9213-104-3

Year 2009

- L. D'Aprile et. al., Appendice V, Applicazione dell'analisi di rischio ai punti vendita carburante, giugno 2009
- L. D'Aprile, M. Falconi, A. Vecchio, *Selezione delle tecnologie di bonifica dei siti contaminati: strumenti di supporto alle decisioni e casi studio*, pp. 72-75, ECO anno 2, numero 2, <http://www.ecoera.it/rivista/archivioriviste/2009/1730-eco-2-gennaio-2009>
- 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* http://www.eea.europa.eu/publications/territorial-cohesion-2009/at_download/file, ISBN 978-92-9213-007-7

Year 2008

- J. Fons-Esteve, S. Kleeschulte, L. Guerrieri, M. Falconi, *A Framework for Integrated Urban Monitoring in Europe*, scaricabile al http://eea.eionet.europa.eu/Public/irc/eionetcircle/etcte/library?l=/2008_subvention/826_urban_areas/meetings/bcn_presentations/frameworkurbanmonitoreu/ EN_1.0_&a=d
- L. 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
- L. D'Aprile et. al., *Criteri metodologici per l'applicazione dell'analisi assoluta di rischio ai siti contaminati - Appendici*, rev. 2, marzo 2008, <http://www.isprambiente.gov.it/files/temi/siticontam-marzo2008-appendici-rev2.zip>

Year 2007

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

Year 2006

- L. D'Aprile et. al., *Criteri metodologici per l'applicazione dell'analisi assoluta di rischio ai siti contaminati*, rev. 1, luglio 2006, <http://www.isprambiente.gov.it/files/temi/revisioneunoago-2006.zip>
- L. D'Aprile, M. Falconi, A. Vecchio, *Nota inerente il calcolo della concentrazione rappresentativa della sorgente (APAT-ISS, aprile 2006)*, <http://www.isprambiente.gov.it/files/temi/tec-analisi-rischio-sanitario-ambientale-calcolocrs.pdf>
- Autori vari., *Indicatore CSI-015 Progress in management of contaminated sites*: http://www.eea.europa.eu/dataand-maps/data/soilcontamination-1/progress-in-management-of-contaminated-sites-1/progress-inmanagement-ofcontaminated-sites/at_download/file

Year 2004

- F. Quercia, M. Falconi, A. Vecchio, A. Altieri, *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, F. Quercia, A. Vecchio, T. Tarvainen, M. Wepner, M. Schamann, *Towards an EEA Europe-wide assessment of areas under risk for soil contamination – PRA.MS: scoring model and algorithm*: http://www.eionet.europa.eu/software/prams/release1/PRAMS3_Methodology.pdf

6. Languages:

Italian (mother tongue), English (Excellent)

The undersigned declares, under his or her own responsibility, according to articles 46 and 47 of the Italian Presidential Decree No. 445 dated 28th December 2000, that everything stated in the present declaration and in the relevant attachments is true, and that they are aware of the legal sanctions for fraudulent statements in art. 76 of the Italian Presidential Decree No. 445/2000.

Rome, 6th of February 2016

Dott. Marco FALCONI