

PERSONAL INFORMATION
APPOINTMENT
STUDY QUALIFICATION

MARCO FIALA; born in Como (Italy), June 8th, 1957. Email: marco.fiala@unimi.it Skype: marco.fiala
Associate Professor, PhD. University of Milan “La Statale” (UniMI)
Master Science Degree in “Agricultural Sciences”

WORK EXPERIENCE

- 1990-1994 Technician (VII level) at UniMI, Faculty of Agricultural Sciences, Institute of Agricultural Engineering.
- 1994-2005 University researcher (Agricultural Engineering, Agricultural Machinery) at UniMI, Faculty of Agricultural Sciences, Institute of Agricultural Engineering. Confirmation in roll (1997).
- 2005 - Associate Professor at UniMI. Confirmation in roll (2009)
Faculty of Agricultural and Food Sciences, Department of Agricultural and Environmental Sciences. Production, Landscape, Agroenergy – DiSAA, via G. Celoria 2, 20133 Milano (Italy) - Phone: +39 02 503 16868
- 1989- Technical Secretary, Secretary General “Club of Bologna”
- 2008- Full Member “Club of Bologna”
- 2008 - Academician of “Accademia dei Georgofili”
- 2014-2016 Dean of “Faculty of Agriculture and Food Sciences” at University of Makeni (Sierra Leone)
- 2017 Scientific National Qualification (ANS) for Full Professor

EDUCATION AND TRAINING

- 1976 School Leaving Certificate, Scientific Liceo “G.B. Grassi”, Lecco (42/60)
- April 2nd, 1982 Master Science Degree in “Agricultural Sciences”, Faculty of Agricultural Sciences, UniMI, (110/110)
- 1985 Agronomist professional qualification
- 1991 PhD on “Agricultural Engineering” (III Cycle)

PERSONAL SKILLS

Mother tongue

Italian

Foreign language

English

UNDERSTANDING		SPEAKING		WRITING
LISTENING	READING	SPOKEN INTERACTION	SPOKEN PRODUCTION	WRITING
C1	C1	C1	C1	C1

(self assessment)

Research areas

Agricultural machinery and mechanization

Innovative agricultural machines and tools. Sensors and control systems equipping field agricultural machines. Agro-food processing plants. Environmental assessment (Life Cycle Assessment, LCA) of mechanical field operations.

Biomass energy use

Technical and economic feasibility of biomass-to-energy processes (thermochemical and/or biochemical conversions). Sustainability analysis (LCA) of biomass-to-energy chains (biogas, SVO and biodiesel, bioethanol, biofuels for combustion and gasification). Farms and food-industries energy requirements evaluation and optimization.

International cooperation

University education projects in African Emerging Countries (Sierra Leone). Renewable energy plants project in Emerging Countries (Palestinian State).

Job-related skills

- 2006 - **Scientific responsibility**
Supervisor in 7 international and national Projects financed by public or private institutions

- Supervisor in 4 Work Packages of international and national Projects
- 2006 - **Other professional skills**
 Reviewer for international scientific journals (ISI and Scopus)
 Member of international Congresses scientific board
 Member of Editorial Scientific Board of national and international journals
 Project referee of Research Projects and technological innovations
 Assignment of Technical Consultancy Office
- 1987 - **Professional analyses/studies**
 Supervisor in 4 professional analyses
 Collaborator in 13 professional analyses

Organisational/managerial skills

- 2006 - **Congresses organizations**
 Organization of 10 international Congresses
 Organization of 10 national Congresses
- Work Groups coordination/supervision**
- 2012-2016 “Establishment, start and coordination of a Faculty of Agriculture and Food Sciences in Sierra Leone”, Project supervisor, Member of the Scientific Committee (MoU University of Makeni-UniMI)
- 2016 - Scientific Responsible of “Agri-Food LCA Laboratory” - UniMI-DiSAA (environmental sustainability laboratory of agri-food products) (http://sites.unimi.it/agrifood_lcalab/)

Digital skills

INFORMATION PROCESSING	COMMUNICATIONS	CONTENT CREATION	SAFETY	PROBLEM SOLVING
Expert	Expert	Expert	Average	Expert

(self assessment)

Other experiences

- Municipality administration**
- 1985-1990; 1990-1995 Town Councillor, Airuno (LC, Italy) Municipality, (n.2 electoral mandates)
- 1995-1999; 1999-2004 Mayor, Airuno (LC, Italy) Municipality, (n.2 electoral mandates)
- 2004-2009 Vice-Mayor, Airuno (LC, Italy) (n.1 electoral mandate)

Driving licence

Cat. B

ADDITIONAL INFORMATION

Publications

Overall more than **170 publications** (articles on national/international journals), scientific reports, university books.
 Scopus papers: 48; University textbooks: 2; Educational book: 1; Chapters in books: 4; Dissemination papers: 110

Bibliometric Indexes

DATE	SOURCE	H-INDEX	PUBLICATION	TOTAL CITATION
Aug 23 rd , 2019	Scopus	19	48	1037 (by 668 document)
Aug 23 rd , 2019	Scholar	22 (2014)	178	1389 (2014)

ORCID ID: <https://orcid.org/0000-0002-3059-0940>
 SCOPUS: www.scopus.com/authid/detail.url?authorId=7005655214
 RESEARCH GATE: www.researchgate.net/profile/Marco_Fiala
 SCHOLAR GOOGLE: https://scholar.google.it/citations?view_op=search_authors&mauthor=fiala+marco&hl=it&oi=ao

Congresses and conferences

- 2006 - Participation in 32 International and National Congresses

Award and prizes

- 19 Feb 1987 Antoniazzi-Antoldi Award, Istituto Lombardo Accademia Scienze e Lettere, for "Agricultural Machinery"

Membership

National and International Associations

- 2008 - Full Member "Club of Bologna"
 1994 - Member of "Associazione Italiana Ingegneria Agraria (AIIA)", Section IV
 2008 - Accademician of "Accademia dei Georgofili"

Commissions and Steering Committee

- 2016 - Member of Management Committee "Club of Bologna"
 2008 - Member of Steering Committee "Sezione Nord-Ovest dell'Accademia dei Georgofili"
 13 Mar 2015 - Member of "Osservatorio Nazionale Pioppo", Ministry of Agriculture and Forestry MIPAF (DM 17132)

Department bodies

- 2012 - Member of Council, Department of Agricultural and Environmental Sciences. Production, Landscape, Agroenergy – DiSAA
 2013 - Member of PhD School "Agriculture, Environment and Bioenergy", Cicles from XXIX

University teaching activities

Academic Year 2018-2019

Course supervisor for 16 Credits in total, at University of Milan, Department Agricultural and Environmental Sciences. Production, Landscape, Agro-energy (DiSAA):

- "Energy for Agriculture" (6 CFU, MSc degree: (i) Agricultural Sciences, (ii) Agro-environmental Sciences, (iii)) Plant Production and Protection Sciences; G581D-)
- "Agricultural Machinery and Mechanization" (6 CFU, BSc degree Production, Protection Crops and Green Systems; G271N-)
- "Renewable Energy in Mountain Area" (4 CFU, BSc degree Valorisation and Protection of the Environment and of the Mountain Territory, Edolo; G000T-)

University tutorial activities

- 2006 - Responsible and Supervisor of 4 PhD Theses
 Supervisor of 11 MoS Degree theses
 Supervisor of 25 BoS Degree report supervisor
 Scientific Responsible of 1 Post-Doctoral fellowship (Type A)
 Scientific Responsible of 6 Post-Doctoral fellowship (Type B)

Other teaching activities

PhD schools

- 2016 "Energy and Environment", Department High Technology University of Insubria, Como (Italy)

Masters

- 2010-2015 "Biomass management and biomass energy processing", CNR-IBBA, Milano; (Italy)
 2011, 2012 "Green Management and Entrepreneurship Programme" ISTUD, Foundation, Stresa (Italy)
 2014, 2015, 2017 "Master RIDEF 2.0 – Reinventing energy"; Department of Energy Politechnic of Milan, Milan (Italy)

Summer schools

- 2017 "International School of Physic Enrico Fermi – SIF", Varenna (Italy)

Education and Professional Training High schools (IFTS)

- 2015-2018 "Techniques for monitoring and managing the territory and the environment. Agroenergy and Environmental Sustainability - Energetic Technologies and Plants", Maddalena di Canossa, Foundation, Bergamo (Italy)

Professional Training schools

- 2006, 2007 "Scuola Interuniversitaria Lombarda di Specializzazione per l'Insegnamento Superiore – SILSIS", Milano (Italy)
 2011 "Life Long Courses Program, Course on Agricultural Machines", University of Makeni, Makeni (Sierra Leone), (Course supervisor)

- 2012 *"Specialization Course in Mountain Agricultural Economics"*, ARSUNIVCO, Domodossola (Italy)
- 2012-2013 *"Renewable Energy"*, Agreement with Ministry of University and Research, Lombardy Region Professional Training Courses, Edolo (Italy), (Course supervisor)
- 2014 *"UniMI Specialization Course – "Renewable Energy in Mountain: biomass-to-energy processes"*, Agreement with Ministry of University and Research, Università della Montagna, Edolo, (Course supervisor)

Privacy declaration

I authorize the processing of my personal data pursuant to Legislative Decree No. 196 of June 30, 2003 (Personal Data Protection Code) and its subsequent amendments and integrations, as well as EU Regulation 679/2016 (General Data Protection Regulation)

Milan, August 2019