**Short Scientific *Curriculum* Prof. Fausto Manes**

Born in Lungro (CS), 18.01.1951

Graduated in Biology 17/07/1973 (University "La Sapienza" of Rome).

From 1981 to 1988 has worked as Confirmed Researcher in the Department of Plant Biology, "Sapienza" University of Rome.

From 10.02.1988 has worked as Associate Professor of PLANT ECOLOGY in the Department of Plant Biology, "Sapienza" University of Rome.

From November 2000, he is full Professor of Ecology in the Faculty of Sciences, "Sapienza" University of Rome.

TEACHING ACTIVITY

Holder of the Ecology and Applied Ecology courses. Has also held the following Courses: Botany, Agricultural Chemistry, Plant Ecology, Complements of Applied Ecology, Urban and Environmental Ecology, Ecology and Sustainable Development.

ORGANIZATION ACTIVITIES AND SCIENTIFIC SOCIETIES

- 1988-1993 National Coordinator of the Working Group of Ecology within the Italian Society of Botany;

- 1994-1997 Elected member of the Technical Committee for the organization of the Degree Course of Environmental Sciences, Faculty of Sciences, University of Molise, Isernia.

- 1994-1998 Elected member as representative of Plant Biology within the Advice Committee of Biology and Medicine, National Council of Researches.

- 1996-1998 Elected member as representative of Plant Biology within the Advice Committee of Cultural Heritage, National Council of Researches.

- Organization of stages and conferences at national and international level on environmental issues.

- From 1987 Associate Editor of the Italian scientific journal "Annali di Botanica"

- 1996 - 2000 Member of the Advisory Board of the scientific journal "Fresenius Environmental Bulletin"

- From 2000, member of the Committee for the PhD in Ecology, "Sapienza" University of Rome and, before, member of the Commitee for the PhD in Botanical Sciences

- 2003 - 2008 Vice-President of the Italian Botanical Society

- 2004 – 2006 and 2007 – 2009: Head of the Department of Plant Biology, Sapienza University of Rome;

- 2008 – 2010 Head of the II Level Master in "Environmental Biomonitoring", "Sapienza" University of Rome.

- 2009 - 2015 Coordinator of the Master’s Degree Course of “Environmental Monitoring and Requalification” (LM-75);

- 2009 - 2012 member of the FISNA (Italian Federation of Nature and Environmental Sciences) Directive, and elected Vice-President in the period 2011 - 2014;

- From 2009, Editor in Chief of the scientific journal "Annali di Botanica", edited by the Sapienza University of Rome.

- 2011 - 2014, member of the Directive of the Italian Society of Ecology (SItE);

- 2012 - 2013, President of the Quality Team Commission of the Faculty of Mathematics, Physic and Natural Sciences, Sapienza University of Rome.

- 2012 - 2015, Head of the PhD course in Environmental and Evolutionary Biology, Sapienza University of Rome;

- From 2013, member of the Quality Team Commission of Sapienza University of Rome.

- From 2015 President of the Didactics Committee (CAD) of Sciences and Technologies for Nature, Environment and Territory.

- From July 2015, Expert for ANVUR Quality Assurance for the 05 CUN Area (Biology).

- From July 2016, Expert for ANVUR for the initial and periodic accreditation of the Study Courses and Universities, with duration up to 31/12/2017.

- Qualification Committee Member for University Professors Selections (associate and full professor) in different Universities;

- Qualification Committee Member for the National Scientific Qualification 2016, for the competition sector 05/C1 ECOLOGY, SSD BIO/07.

MAIN RESEARCH LINES OF THE LAST 10 YEARS

1. Study of the effects of atmospheric pollutants and Global Changes on natural and cultivated plant species.

2. Response of Mediterranean plant species to environmental stress factors.

3. Development of new strategies for bioindication and biomonitoring studies in natural and agricultural ecosystems.

4. Analysis of vegetation and environmental quality in urban and natural areas, and quantification of the Ecosystem Services provided by vegetation.

5. Development of models for ecosystems analysis, simulation and mapping of structural features, functional processes and Ecosystem Services.

SCIENTIFIC COOPERATIONS:

UN/ECE, ICP-Vegetation, - Bangor, UK; CEC-Joint Research Centre - Ispra (VA); National Research Council, Montelibretti (Rome); Universities of Florence, Pisa, Naples, Molise; Catholic University of Brescia; Catholic University of Leuven - Belgium; University of Mendel, Brno - Czech Republic; Institute for Sustainable Solutions, Portland State University, Portland, OR, United States of America.

FUNDING

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