



Maria Amélia Martins-Loução

Curriculum vitae

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PERSONAL INFORMATION

MARTINS-LOUÇÃO, MARIA AMÉLIA

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Nationality: Portuguese

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[Orchid: 0000-0002-5883-2462](https://orcid.org/0000-0002-5883-2462)

ResearcherID: H-1994-2011

PROFILE

Biologist, specialization in Ecology.

Member of Biology Professional Association, nº 75

Researcher at Centre for Ecology, Evolution and Environmental Changes.

Member of Alumni ULisboa Direction

President of Sociedade Portuguesa de Ecologia

PROFESSIONAL EXPERIENCE

UNIVERSITY PROFESSORSHIP

Monitor – 1971-1972

Assistant – 1972-1985

Auxiliar Prof– 1985-1993

Associate Prof – 1993-1998

Full Prof – 1998-2012

PORTUGUESE NOMINATIONS

Coordinator of Centre for Ecology and Plant Biology Research Unit (CEBV) 1998 – 2004

Member of Scientific Committee of CEBV unit - 2004 - 2007

President of Plant Biology Department - 1999 – 2002

Director of Botanic Garden - MNHN - 2003 - 2009

President of Natural History Museum - 2004 – 2006

Vice-Rector of University of Lisbon – 2006 – 2009

Vice-Rector of University of Lisbon – 2009 – 2011

INTERNATIONAL NOMINATIONS

Portuguese delegate IAPTC (International Association of Plant Tissue Culture) - 1978 – 1982

Portuguese delegate COST Action 821 - 1994 – 1998

Portuguese delegate COST Action 830 - 1998 – 2003

Portuguese delegate COST Action 838 - 1999 – 2005

President of ENAAG (European Nitrate Ammonia Assimilation Group) - 1996 – 1998

IberoMacaronesian Botanical Gardens Association - Board of Direction - 2005-2009

Portuguese delegate COST Action 729 -2005 – 2009

Senate Member of EMUNI (EuroMediterranean University) - 2008 – 2012

Coordinator of Study Affair Commission of EMUNI – 2009 – 2012

Nominated for the Central Commission of Confucius Institute in Beijing – 2009 – 2012

Steering Committee of UNICA (Network of Univ. Capitals of Europe) – 2009 – 2011

Member of European Science Foundation College of Expert Reviewers - 2017 - present

MUSEOLOGICAL ACTIVITIES

Coordinator of Seed Bank at National Museum of Natural History and Science -(2003 - 2014)

Responsible for the launch of Environmental Education Program at Lisbon Botanic Garden (2004)

Coordinator of European Youth Volunteer Program directed to Lisbon Botanic Garden (2004 - 2008)

Commissionaire of exhibition "Earth Adventure: A planet in Evolution" at National Museum of Natural History and Science (2009).

Coordinator of different studies of Environmental Impact on behalf of the research staff at Lisbon Botanic Garden (2004 - 2012)

OTHER NON-ACADEMIC ACTIVITIES

Secretary of Portuguese Ecological Society (SPECO)-1997 – 1999

Vice-Presidente of SPECO - 1999 – 2002

2005 – 2009 – Vogal da Direcção da Associação Ibero-Macaronésica de Jardins Botânicos.

Member of National Council of Biology Professional Organisation (OBio) (2011 - present)

President of General Assembly of Biology Professional Organisation (OBio) (2014 - 2021)

Member of Direction of ULisboa Alumni Association (2016 - present)

President of SPECO - (2017 -)

EDUCATION

HIGHER EDUCATION

Degree in Biology, University of Lisbon (UL) - 1972

PhD in Biology - Ecology and Systematics (UL) - 1985

Opposition in Ecology (UL) - 1995

Master in Science Communication (New University of Lisbon) - 2014

POSTDOCTORAL RESEARCH FELLOWSHIPS

Jacob Blaustein Institut Grant

Ben Gurion Universtiy, Sede Boqer, Israel - 1988 (3 months)

Ben Gurion Universtiy, Sede Boqer, Israel - 1989 (1 months)

British Council Grant
Institute of Terrestrial Ecology, Merlewood Station (UK) - 1990 (1 month)
FCT Sabbatical Leave
University of Dundee, Dept of Biological Sciences (UK) - 1991 (6 months)
EU Fellowship
INRA- Dijon - 1993 (2 weeks)

HONOURS

PORTUGUESE CAROB ASSOCIATION
Honourable member – 1985 – at present
CSIC, SPAIN
Foreign correspondent – Fijación y movilización biológica de nutrientes - 1986 – 1989
REAL ACADEMIA NACIONAL DE FARMACIA, SPAIN
Académica Correspondiente – 2006 – present
PREMIO CORTES DE CADIZ, SPAIN
1º Prémio Iberoamericano de Botánica – 2010
CIÊNCIA VIVA, PORTUGAL
100 Mulheres Cientistas - 2016
PREMIO CASA DAS CIÊNCIAS, PORTUGAL
Prémio de Distinção com o filme “As duas faces do nitrogénio” – 2019
PRÉMIOS CIÊNCIA VIVA 2021, PORTUGAL
Grande Prémio Ciência Viva 2021

AREAS OF RESEARCH

Ecophysiological, ecological and botanical approaches on:
Plant nitrogen use strategies.
Nitrogen in the soil-plant-atmosphere continuum.
Plant-mycorrhizal symbiosis
Ecosystem functioning and rehabilitation.
Plant and ecosystem conservation
Environmental Education for Sustainability: Science Promotion
Non-Formal Education and teaching Methodologies

PROJECTS EVALUATION

Acções Integradas Luso-Espanholas (1998 – 2000, 2005)
Basic School Curriculum of Biodiversity and Ecology (1999-2000)
OTAN Programs (2000 – 2003)
ADI Programs (2001 – 2004, 2007-2008)
Programs and grants of Coimbra University (2005)
EU-FP6 – Biodiversity (2006)
University of Algarve research premium (2008)

Dutch project (2012)
FCT - Biology and Biodiversity (2013)
French National Research Agency (ANR) (2014).
Portuguese Accreditation of University Programs (2014-2015)
Portuguese Young Scientists in Secondary School (2016)
ESF: Evaluation of FWO projects (2020, 2021)
PRIMA Projects (2014, 2021)
NATIONAL SCIENCE CENTRE POLAND: FUNDING SCHEME: OPUS-21 (2021)

AWARDS EVALUATOR

Prémio Ceratonia (Prémio de Investigação Científica) da Universidade do Algarve (2007).
Prémio Manuel Gomes Guerreiro da Universidade do Algarve (2019)

EXTERNAL PHD EVALUATION

Thesis, M.E. Calleja, 2015 - Universidad Pública de Navarra
Thesis, F. Storino, 2017 - Universidad Pública de Navarra
Thesis, F. Torralbo, 2018 - Universidad del País Vasco

PROJECTS COORDINATION

1987 – 2010

National Funding – 12
International Collaboration Exchange – 12
International Funding - 9

COORDINATION OF POS-GRADUATION PROGRAMS

INTERNATIONAL

ERASMUS Summer Course on Mediterranean Vegetation Dynamics (1995)
Sampling and evaluation of AMF diversity characterization (2005)
UL Academic Courses for the "The Scholarship" project (2007)
Sustainable Use and Conservation of the Mediterranean Flora (Professional School, EuroMediterranean University) (2010-2011)

NATIONAL

Soil and Atmospheric Pollution: Ecotoxicology and Biomonitoring (1997)
Microbial Diagnosis of Water (2000)
Ecotoxicology Biomonitoring (2002)
Flora and Mediterranean Vegetation (2003)
Flora and Mediterranean Vegetation (2005)
Flora and Mediterranean Vegetation (2006)
Flora and Mediterranean Vegetation (2008)

STUDENTS COORDINATION

1987 – 2021

Master Students: 8
PhD Students: 16
Pos-Doc Students: 6

Science Management Grants: 2

Erasmus Students: 13

JOURNALS EDITORIAL BOARD

INTERNATIONAL

Plant and Soil nº 221. Special issue (2000)
Plant and Soil, special issue, vol. 279 (2006)
Journal of Soils and Sediments vol 7, issue 6 (2007)
International Journal of Sustainable Planning (2004 –2014)
Biologia (2020-present)

NATIONAL

Cadernos de Ecologia (1 e 2) (1998 – 1999)
Revista Biologia vol.15 e 16 (1998 – 1999)
Cadernos de Ecologia 3. (2001)
Portugaliae Acta Biologica (2003 – 2013)
Ecologi@ (2017-2018)

BOOKS EDITOR

INTERNATIONAL

Nitrogen in a sustainable ecosystem. From the cell to the plant.
Backhuys Publishers, Leiden, NL. Pp 427. (2000)

NATIONAL

Fragmentos em Ecologia. FCUL/Escolar Editora Pp. 326 (2002)
Nutrição Mineral: Causas e Consequências da dependência da
fertilização. FCUL-CEBV. PAC Artes Gráficas Lda. Pp: 526. (2004)
Jardim Botânico – Flowers. Museu Nacional de História Natural.
Universidade de Lisboa. Textype Artes Gráficas Ltd. Pp. 165 (2008)
Jardim Botânico – Palms. Museu Nacional de História Natural.
Universidade de Lisboa. Textype Artes Gráficas Ltd. Pp. 125 (2009)
A Aventura da Terra. Um Planeta em Evolução. Museu Nacional de
História Natural. Universidade de Lisboa. Fundação Calouste
Gulbenkian. Esfera do Caos. Pq.152 (2011).
Um pouco por todo o lado. A Ecologia no séc. XXI (2022) in print.

REFEREE FOR THE FOLLOWING JOURNALS

SEMESTRAL BASIS

Ecotoxicology and Environmental Safety
Ecography
Sustainability
Forests
Education Sciences
Frontiers

ANNUAL BASIS

Mycorrhiza
European Journal of Soil Biology;
Plant and Soil;
Seed Technology;
Physiologia Plantarum;
Plant Physiology and Biochemistry;
Plant Cell and Environment;
Restoration Ecology;
Environmental Science and Pollution Research;
Applied Soil Ecology;
Experimental Environmental Biology;
New Phytology;
Trees;
Journal of Vegetation Science;
Journal of the Science Food and Agriculture;
Ecological Engineering;

PUBLICATIONS

Books - 3
Book Chapters – 42
International Journals – 121
National Journals - 22
Proceedings – 51
Dissemination Works – 41

System	Web of Science	Research Gate	Google Scholar
Number of publications	145	192	217
Citations per article	23.6	36.56	27.80
Total citations	2,62	4,25	5,36
h-index	31	42	42
Identifier	H-1994-2011	H-1994-2011	Maria Amélia Martins-Loução