

CURRICULUM PRIMO PROIETTI

PERSONAL DATA

Date and Place of Birth: May 10th, 1960; Bevagna (PG), Italy.

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EDUCATION

- Graduated in Agricultural Science with full marks and honours, in 1984, at the Faculty of Agriculture - University of Perugia (Italy).
- Qualification as Agronomist in 1985
- PhD graduation on “Productivity of cultivated plants” in 1988, at University of Perugia (Italy).

RESEARCH AND TEACHING POSITION

- 1990-2002 Researcher in the Department of Arboriculture and Plant Protection of Perugia (Italy).
- 2002-present Associate Professor for the scientific sector AGR/03 in the Department of Agricultural, Food and Environmental Sciences, University of Perugia, Italy, where he teaches subjects regarding tree cultivation and science.
- In 2013 he obtained the eligibility to become Full professor for the scientific sector AGR/03.
- From 2013 he is Coordinator of the "Tree crops" Research Unit in the Department of Agricultural, Food and Environmental Sciences, University of Perugia, Italy.
- From 2017 he is the responsible for the Olive Germplasm Collection of the University of Perugia.

PUBLICATIONS AND RESEARCH ACTIVITIES

Research activity is documented by more than 300 papers (h-index 18 - n. 877 citations - ORCID ID 0000-0002-6575-7675), many of them published in international referred journals; these have mainly regarded:

- Fruit and tree physiology of olive and other fruit species, with particular attention to light interception, source/sink relationship and stresses;
- Improvement of the efficiency of olive tree cultural systems in order to increase the production amount and quality;
- High-density system in oliveculture;
- Characterization and evaluation of olive varieties;
- Agronomic use of olive by-products (pomace, waste water, prunings, leaves, etc.);
- Composting of different organic matter to produce compost of high quality;
- Increase of tree stress tolerance and product nutraceutical value (e.g. selenium content).
- Physiology and biochemistry of fruits;
- LCA and CO₂ sequestration in the olive grove;
- Buffer strips.

RESPONSIBILITY OF PROJECTS IN RECENT YEARS:

- 2016-2019 - **Project European Commission – Life+ “Climate Change Mitigation through a Sustainable Supply Chain for the Olive Oil Sector” (OLIVE4CLIMATE) – General Coordinator and Scientific Responsible of the Project.**
- 2010-2012 - **Project European Commission – The Seventh Framework Programme (Fp7) Research for SME Associations - Grant Agreement n°: 218453-2–RESOLIVE “Adaptation of renewable energy solutions for the olive oil industry” – General Scientific Responsible of the Project and Coordinator of the Perugia Unit;**
- 2009-2013 - **Project Ministero Politiche Agricole, Alimentari e Forestali of Italy – Bando Florovivaismo - “Ottenimento di substrati da invasatura e di ammendanti nell’azienda florovivaistica utilizzando residui vegetali, urbani e zootecnici” - General Coordinator and Scientific Responsible of the Project;**
- 2012-2015 - **Project “Programma di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN 2010-2011) - Strategie nazionali per la mitigazione dei Cambiamenti Climatici in sistemi arborei agrari e forestali (CARBOTREES) - Scientific Responsible and Coordinator of the Perugia Unit;**
- 2010-2012 - **Project “Programma di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN 2008) - Controllo ed interazione tra produzione, attività vegetativa e qualità dell’olio in impianti superintensivi di olivo in Italia centrale” - Scientific Responsible and Coordinator of the Perugia Unit;**

- 2017-2019 - **Progetto Fondazione Cassa di Risparmio di Perugia** “Effetti su agroecosistema e qualità olio della fertirrigazione con reflui oleari e ottimizzazione della tecnica nell’ottica di un’economia circolare”. General Coordinator and Scientific Responsible of the Project.
- 2014-2017 - **Progetto Fondazione Cassa di Risparmio di Perugia “Selenolivo”**. General Coordinator and Scientific Responsible of the Project.
- 2013 – 2015 - **POR Umbria FSE 2007-2013** Asse IV “Capitale Umano”, Obiettivo specifico “I” - Individuazione di essenze vegetali più idonee alla realizzazione di fasce tampone ad elevato assorbimento di inquinanti da fitofarmaci e/o concimi” - General Coordinator and Scientific Responsible of the Project.
- **Regione Umbria - Psr 2007/13 - Project** "CarbonFootprint dell'olio extravergine - ECO2LIO" - General Scientific Responsible of the Project.
- **Regione Umbria - Psr 2007/13 – Project** “Il compostaggio - ECOMPOST" - General Scientific Responsible of the Project.
- **Regione Marche - Psr 2007/13 - Project** "POLPOLIVA" - Scientific Responsible and Coordinator of the Perugia Unit.
- 2008-2010 - **Agreement With PIERALISI Jesi – Project** “Valutazione dell’attitudine della sansa ad essere impiegata tal quale o compostata mediante un prototipo di composter in agricoltura” - General Coordinator and Scientific Responsible of the Project.
- 2009-2010 - **Agreement With Unioncamere Umbria e Consorzio per l’innovazione del Sistema Camerale Italiano (DINTEC)** – Project “Analisi del rischio nella filiera olivicola-olearia” - Scientific Responsible of the Project.
- 2009 - **Agreement with ARUSIA – Project** “Valutazione delle più recenti macchine agevolatrici proposte sul mercato per la raccolta delle olive in Umbria” - General Coordinator and Scientific Responsible of the Project.
- 2010-2011 - **Project Fondazione Cassa di Risparmio di Perugia** - "Ambiti agricoli periurbani dell'Umbria. Percorsi di identificazione, pianificazione e gestione";

PATENTS

Title "system, product, process and use for the treatment of organic waste and for the production of bio-fuel" application filed on July 11, 2013 - N. MI2013A001169.

SCIENTIFIC HONOURS

- 2017 - A.N.I.M.A. LAB ORVIETO Award for the thesis (Tutor Primo Proietti) "Water Footprint assessment in olive tree growing in Umbria".
- 2016 - First classified in the photographic competition of “Coltura e Cultura” (Bayer - Crop Science) #TerraMia.
- 2015 - first national award for young researchers “Giornate Tecniche SOI 2015” for the paper “Substrati innovativi per l’allevamento dell’olivo in contenitore: effetti sull’attività vegetativa e sul microbiota del suolo” L. Regni, L. Nasini, G. Gigliotti, L. Massaccesi, D. Pezzolla, E. Federici, L. Fidati, P. Proietti
- 2013 - First award for the best innovative idea "BIOSANSA" within the "Meeting of ideas", in the event “White Information”.
- 2013 - Special mention of the jury for the project "BIO-COMPOST" in the competition for planning solutions “LINFA⁵ - Le Idee Nuove Fanno Agricoltura Sostenibile” organized by the “Fondazione Italiana Accenture e Fondazione Collegio delle Università Milanesi”
- 2010 - First prize "ISWA Beacon Conference" (Società GE.SE.N.U. and “Piaggio Veicoli Commerciali) for the thesis "Composting of by-products of olive-oil chain and agronomic use of the compost" responsible Professor Primo Proietti.
- 2012 - "Award for innovation Start Cup Umbria 2012" for the Spin off "Biosansa".

ERASMUS PROGRAMME COORDINATION

Coordinator teacher of the Erasmus Program for the Faculty of Agriculture of Perugia and France.

RESPONSIBLE OF RESEARCH GRANTS

- Responsible for numerous research grants and contracts.

- Tutor for two students of the Faculty of Agriculture of Perugia who have benefited from a scholarship on olive in Australia.
- Tutor of numerous students and Ph.D students (Iranian, Portuguese, Tunisians and Algerians), which have spent a period of study in Italy.

PARTICIPATION AT SCIENTIFIC MEETINGS

- Member of the Committee for collaboration between Perugia and Adelaide (Australia) Universities
- Member of the Committee for collaboration among Perugia University, Slovenia and Croatia Companies and Ministero degli Affari esteri of Italy
- Member of the Committee for European Leonardo Project

ACTIVITY AS REFEREE FOR NATIONAL AND INTERNATIONAL RESEARCH PROJECTS

- R&D project CONCURSO N° 1/SAESCTN ALENT-57-2011-20 Fundação para a Ciência e a Tecnologia (FCT) - Ministério de Educação e Ciência - Portugal.
- UKF's Research Cooperability Program, Crossing Borders Grant - Unity through Knowledge Fund (UKF) / Croatian Science Foundation (CSF), 2015.
- Progetti di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN).
- VQR 2004-2010.
- VQR 2004-2010.
- Evaluation of project ideas "FutureInResearch" - Apulia Region (Council resolution n. 1992 of 25 October 2013) and the Ministries of Education, University and Research and Development, 2014.
- "Scientific Independence of young Researchers (SIR) Program" 2014.
- "Giovani ricercatori Società Italiana per lo Studio delle Sostanze Grasse" 2017.
- "Progetti di ricerca Università degli Studi dell'Insubria" 2016.
- "Giovani Ricercatori Protagonisti" Università degli Studi di Firenze 2015.

REFEREE OF INTERNATIONAL SCIENTIFIC JOURNALS

- African Journal of Agricultural Research
- Acta Scientiarum Polonorum Hortorum Cultus
- Agricultural Science Research Journal
- Agriculture, Ecosystems & Environment
- American Journal of Agriculture and Forestry
- American Journal of Experimental Agriculture
- Annals of Botany
- Australian Journal of Agricultural Research
- Carbon Management
- Crop & Pasture Science
- Ecological Indicators
- Ecotoxicology and environmental safety
- Energies
- Environmental and Experimental Botany
- Frontiers in Plant Science
- Fruits
- Italus Hortus
- Journal of Experimental Botany.
- Journal of Horticultural Science & Biotechnology
- Land Degradation and Development
- Natural Product Research
- New Zealand Journal of Crop and Horticultural Science
- Photosynthetica
- Plant Biosystems
- Scientia Agricola

- Scientia Horticulturae
- Soil Use and Management
- Waste and Biomass Valorization
- Waste Management

CONGRESS AND MEETING ORGANIZATION

- Chairman of the International meeting Progetto Life olive4climate (Perugia, 2017).
- 2016 Chairman del Kick-off meeting internazionale Progetto Life olive4climate (Perugia, 2016).
- Chairman of National Conference “Carbon footprint dell’olio extra vergine d’oliva umbro: agricoltura di eccellenza per lo sviluppo sostenibile” (Trevi, 2015).
- Chairman of Conference “Mosca delle olive e *Xylella fastidiosa*: rischi e strategie di difesa” (Perugia, 2015)
- Chairman of the Scientific/organizer Committee of the National Conference "Substrates made from byproducts of food chains in the nursery" (Perugia, 2013).
- Member of the organizer/scientific committee of the “II Convegno Nazionale dell’Olivo e dell’Olio” (Perugia, 2011).
- Member of the organizer committee of the International Conference “Beyond extra virgin, Olive Oil Flavor and Excellence” (Verona, 2010).
- Member of the organizer committee of the National Meeting “Incontro nazionale sulla raccolta meccanica delle olive” (Umbria 2004÷2010).
- Member of the organizer committee of the National Meeting “Prima giornata nazionale per agevolare la potatura dell’olivo” (Perugia, 2008).
- Member of the organizer committee of the National Congress “Maturazione e raccolta delle olive: strategie e tecnologie per aumentare la competitività in olivicoltura” (Alanno – PE, 2006).
- President of the organizer committee of the Congress “La rintracciabilità di filiera per la valorizzazione dell’olio extra vergine di oliva”, and editor of the congress proceedings (Agriumbria Bastia – PG, 2005).
- President of the organizer committee of the National Congress "Germoplasma Olivicolo e Tipicità dell'Olio" (Perugia, 2003).
- Member of the organizer committee of the National Congress “Pietro Porcinai Architetto del Giardino e del Paesaggio” (Perugia, 2001) and editor of the congress proceedings
- Member of the Scientific Secretariat of the "International Congress on Chestnut" (Spoleto, 1993).

COMMITTEES FOR PhD MEMBERSHIP

- Member of the Committees for PhD Students on "Cultivated plant productivity" of the Faculty of Agriculture of Perugia
- Member of the Committees for PhD Students on "Arboriculture and tree protection" of the Faculty of Agriculture of Perugia
- Member of the Committees for PhD Students on “Agricultural, Food and Environmental Science and Biotechnology” of the Department of Agricultural, Food And Environmental Sciences of Perugia.
- Since 2009 Tutor of Dr. Soumaya Salah for a PhD in the University of Sfax (Tunisia).

COORDINATION OF INTERNATIONAL MASTER

Member of the Committee for the organization and coordinator the agronomic area of the International Master degree course "Olive Growing and Olive Oil Technology" organized by the Faculty of Agriculture of Perugia under the auspices of the International Olive Oil Council (IOOC).

Tutor for many thesis of the international Master on “Olive Growing and Olive Oil Technology”.

TEACHING ACTIVITY IN THE FACULTY OF AGRICULTURE OF THE PERUGIA UNIVERSITY

- Since 1990 Lecturer in several courses: Arboriculture, Tree cultivation, Victualling and quality of vegetable products, Nursery techniques, Fruit-growing, Timber tree cultivation, Ornamental tree cultivation; Cultivar, fruit ripening and harvesting in oliveculture;
- Responsible for quality management system of the Degree Course in “Economia e Cultura dell’Alimentazione” of the Faculty of Agriculture of Perugia;
- Member of the Board of the Faculty of Agriculture of Perugia.

TEACHING ACTIVITY IN FOREIGN COUNTRIES AND INTERNATIONAL MASTERS

- From 2003 to 2012 lectures on oliveculture in the International Master degree course "Olive Growing and Olive Oil Technology" organized by the Faculty of Agriculture of Perugia under the auspices of the International Olive Oil Council (IOOC);
- 2008-2009-2010 Course "Plant Production Systems in the Mediterranean" (3 CFU per year) of Bachelor of Science in Mediterranean Agro-ecosystems Management - Institute of Agriculture - University of Malta;
- Supervisor for Graduation Thesis in the Institute of Agriculture - University of Malta.
- 2005-2006-2007-2008-2009 teacher in the International Master course "Gastronomic Sciences and products of quality" at the Università degli Studi di Scienze gastronomiche of Colorno (Parma - Italy);
- 1993 Univeritatea de Stiinte Agronomice - Bucuresti (Romania - "Tempus Project");
- 1999 Universities of Perth and Adelaide (Australia).

TEACHING: SEMINARS AND TRAINING COURSES

- Since 1985, seminars, lectures and courses for farmers on various aspects of arboriculture, oliveculture, Viticulture and Forestry, organized by public and private institutions
- 1990 Seminar on the olive propagation for Lebanese Researchers (FAO);
- 1993 Training Course for Palestinians on Oliveculture and olive oil extraction;
- From 2002 courses on oliveculture for inmates of prisons of Spoleto and Terni.
- In 2004, teaching in the "Course of Higher Technical Education: agri-environmental land management."
- From 2003 to 2012 teaching in the Master in Olive Oil Production and organized by the Faculty of Agriculture of Perugia under the auspices of the International Olive Oil Council (IOOC).
- In 2011 Course on Olive cultivation and cultivar influence on the oil organoleptic characteristic, Imperia.
- In 2017 Course on Olive cultivation and cultivar and oil sensorial characteristics, FARCHIONI olii S.p.A. - Bastardo.

MEMBER OF BOARD OF EXAMINATIONS

- 2013-2016 Chairman of the Board of Examination of Formative Active Training (TFA) - class A058.
- Since 2007 Board of Examination to confer the title of PhD, also as President.
- Since 2002 Board of Examination for the PhD;
- Since 1992 exams for the qualification to the Profession of Agronomist and Forestry;
- Since 1990 Profit Exams relating to Courses of his Department.
- Since 1999 Board of Examination for employment in Research Projects relating to his Department;
- Since 1990 Degree commission in Agricultural Sciences, also as President of the Commission;
- 2009 exams for the qualification for the Profession of agro-technician and graduate agro-technician, as President.
- 2003-2010 Board of Examination for final exams for the International Master degree course "Olive Growing and Olive Oil Technology".
- 2002 Board of Examination for Professors for the Bachelor of Science in Ornamental plants, recreational and protective.
- 1999 Board of Examination for a university researcher, scientific field G02B (tree crops) - University of Tuscia.

OTHER PROFESSIONAL ACTIVITIES

- Since 1995 Sommelier;
- Since 1997 Member of a panel for olive oil sensorial evaluation reconnaised by the International Olive Oil Council (IOOC) responsible for sensory analysis for the PDO certification of the oils "Umbria" and "Colline Pontine";
- Since 2008 honey taster;
- Since 2000 Member of judges for oil quality and pruning skill national competitions.
- Dal 2014 e2017 membro della Giuria del Concorso nazionale per selezionare ed individuare le migliori olive da tavola italiane – "Monna Oliva" - Roma.

MEMBERSHIP OF SCIENTIFIC SOCIETIES

- Accademia dei Georgofili - Firenze
 - International Society for Horticultural Science (ISHS)
 - Accademia Nazionale dell'Olivo e dell'Olio
 - Italian Horticultural Society (SOI) (Since 2002 delegate for the Umbria Region for arboriculture section).
 - Accademia Properziana del Subasio
 - Confraternita dell'Olivo e dell'Olio Extra-vergine Tipico Umbro
 - Garden Club di Perugia
 - Accademia di Bevagna
 - Member of the Direction Board the Association TRE-E
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- From 2007 Board of Examination to confer the title of PhD, also as President.

Perugia, January 2018

Primo Proietti

