



Giovanni Pecchioni

Date of birth: [REDACTED] | Nationality: Italian | Gender: [REDACTED] | [REDACTED]

[REDACTED] | Skype: giovanni.pecchioni |

[REDACTED]

● WORK EXPERIENCE

01/03/2021 – CURRENT – Pisa, Italy

POST-GRADUATE RESEARCH GRANT – INSTITUTE OF LIFE SCIENCES, SCUOLA SUPERIORE SANT'ANNA

Twelve-months research grant under the supervision of Professor Paolo Barberi

Research grant title: Analisi della sostenibilità di pratiche agronomiche innovative per la gestione di sistemi colturali misti ed agroselviculturali della Regione Toscana

Working on projects about mixed farming systems and agroforestry, about farming system for sustainable biogas production, about non-food innovative crops and about innovations in organic cereals production and horticulture in Tuscany.

- Gruppo Operativo, Misura 16.2 PSR 2014-2020 della Regione Toscana:

NEWTON - NETWork per l'agroselvicultura in ToscaNa

(as part of the research group);

- Gruppo Operativo, Misura 16.2 PSR 2014-2020 della Regione Toscana:

SmartGas - Biogas intelligente: coltivare con il biogas per ridurre l'impronta di carbonio ed aumentare sostenibilità e resilienza ai cambiamenti climatici di sistemi colturali per le produzioni toscane di qualità

(as part of the research group)

- Gruppo Operativo, Misura 16.2 PSR 2014-2020 della Regione Toscana:

GO-CARD - Cardo: una coltura a basso impatto ambientale per la riqualificazione delle aree marginali

(as collaborator)

- Progetto Integrato di Filiera, Misura 16.2 PSR 2014-2020 della Regione Toscana:

MITICO - Mitigazione e adattamenti ai cambiamenti climatici nei sistemi Cerealicoli e Orticoli biologici

(as collaborator)

01/10/2017 – CURRENT – Pisa, Italy

PHD STUDENT – INSTITUTE OF LIFE SCIENCES, SCUOLA SUPERIORE SANT'ANNA

Three-years PhD student grant under the supervision of Doctor Giorgio Ragaglini

PhD project title: Productivity and carbon storage of agroforestry systems for feed and fuel

Working on the project AGROFORCES (AGROFORestry for Carbon sequestration and Ecosystem Services)

01/07/2017 – 30/09/2017 – Pisa, Italy

POST-GRADUATE RESEARCH GRANT – INSTITUTE OF LIFE SCIENCES, SCUOLA SUPERIORE SANT'ANNA

Three-months research grant under the supervision of Doctor Giorgio Ragaglini

Research grant title: Valutazione della sostenibilità delle produzioni foraggere in ambiente mediterraneo

Working on projects about forage systems sustainability in Tuscany

- Progetto integrato di filiera, Misura 16.2 PSR 2014-2020 della Regione Toscana:

STILNOVO - sostenibilità e tecnologie innovative per il latte ovino

(as part of the research group);

- Progetto integrato di filiera, Misura 16.2 PSR 2014-2020 della Regione Toscana:

PRO-SMARTbeef - PROduzione Sostenibile nella MAREmma Toscana di carne bovina

(as collaborator)

- Progetto integrato di filiera, Misura 16.2 PSR 2014-2020 della Regione Toscana:

INNOVA SOIA - Sistemi INNOVativi per la coltivazione e la trasformazione della SOIA OGM-free toscana

(as collaborator)

12/09/2016 – 21/10/2016 – Albenga, SV, Italy

INTERNSHIP – CERSAA (CENTRO DI SPERIMENTAZIONE E ASSISTENZA AGRICOLA)

Internship under the supervision of Doctor Andrea Minuto

Testing solutions for plant diseases management in horticulture and floriculture.

I worked in the plant and pests diagnosis laboratory and I took part in field trials.

01/04/2016 – 12/12/2016 – Pisa, Italy

MASTER THESIS WORK – INSTITUTE OF LIFE SCIENCES, SCUOLA SUPERIORE SANT'ANNA

Master thesis work under the supervision of Doctor Giorgio Ragaglini

I took part in a field trial (2016) started in 2015 performed to investigate differences in yield between a single harvest and a double harvest for giant reed (*Arundo donax* L.) as a biogas crop.

01/06/2013 – 26/01/2015 – Pisa, Italy

INTERNSHIP - BACHELOR THESIS WORK – DEPARTMENT OF AGRICULTURE, FOOD AND ENVIRONMENT, UNIVERSITY OF PISA

Internship – Bachelor thesis work under the supervision of Doctor Iduna Arduini

I took part in two field trials (2012-2014) performed to make a comparison between Ethiopian landraces and modern Italian varieties of durum wheat.

● **EDUCATION AND TRAINING**

17/12/2015 – 14/12/2017 – Pisa, Italy

SECOND LEVEL DIPLOMA - AGRICULTURE AND PLANT BIOTECHNOLOGY – Scuola Superiore Sant'Anna

Final dissertation under the supervision of Doctor Giorgio Ragaglini

Nitrogen fertilization efficiency in *Arundo donax* L. in function of nitrogen type and rate

■■■■■■■■■■

27/01/2015 – 12/12/2016

MSC – PLANT PRODUCTIONS AND AGRO-ECOSYSTEMS MANAGEMENT – Department of Agriculture, Food and Environment, University of Pisa

Final dissertation under the supervision of Doctor Giorgio Ragaglini

“Effect of nitrogen fertilization on *Arundo donax* L. managed with single and double harvest”

■■■■■■■■■■

05/09/2016 – 09/09/2016 – Berlin, Germany

SUMMER SCHOOL - INTRODUCTION TO BIOENERGY – RENAC (Renewables Academy)

One-week Summer School

02/02/2015 – 30/06/2015 – Praha, Czechia

ERASMUS+ STUDIUM – Czech University of Life Sciences

01/10/2011 – 16/12/2015 – Pisa, Italy

FIRST LEVEL DIPLOMA - AGRICULTURE AND PLANT BIOTECHNOLOGY – Scuola Superiore Sant'Anna

■■■■■■■■■■

27/09/2011 – 26/01/2015 – Pisa, Italy

BSC – AGRICULTURE – Department of Agriculture, Food and Environment, University of Pisa

Final dissertation under the supervision of Doctor Iduna Arduini

“Response to sowing time and nitrogen fertilization of Italian and Ethiopian durum wheat varieties”

■■■■■

14/11/2013 – 30/11/2013 – French West Indies, France

VISITING STUDENT FOR TWO WEEKS IN MARTINIQUE AND GUADELOUPE – INRA and CIRAD - Scuola Superiore Sant'Anna

01/09/2006 – 30/06/2011 – Albenga, SV, Italy

HUMANITIES HIGH SCHOOL DIPLOMA – Liceo Giordano Bruno

■■■■■

● LANGUAGE SKILLS

Mother tongue(s): ITALIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
SPANISH	A2	A2	A2	A2	A2
FRENCH	A1	A1	A1	A1	A1
CZECH	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office | Geographic information system (QGIS) | R CRAN | Basic AutoCad

● PUBLICATIONS

Carbon Budget of an Agroforestry System after Being Converted from a Poplar Short Rotation Coppice

<http://dx.doi.org/10.3390/agronomy10091251> – 2020

Pecchioni, G; Bosco, S; Volpi, I; Mantino, A; Dragoni, F; Giannini, V; Tozzini, C; Mele, M; Ragaglini, G
Agronomy, 10, 9, 1251-1273

Effect of Tree Presence and Soil Characteristics on Soybean Yield and Quality in an Innovative Alley-Cropping System

<http://dx.doi.org/10.3390/agronomy10010052> – 2019

Mantino, A; Volpi, I; Micci, M; Pecchioni, G; Bosco, S; Dragoni, F; Mele, M; Ragaglini, G
Agronomy, 10, 1, 52-66

Cardoon as a biorefinery crop for marginal areas in Tuscany: the EIP-AGRI Operational Group GO-CARD

2021

Annekchini, F; Pecchioni, G; Ragaglini, G; Fedi, C; Mantino, A Proceedings of the L Conference of the Italian Society for Agronomy (accepted for publication)

Soybean-Poplar Intercropping In An Innovative Agroforestry System: A Field Trial In Tuscany

2019

Mantino, A; Volpi, I; Bosco, S; Dragoni, F; Giannini, V; Pecchioni, G; Micci, M; Tei, F; Mele, M; Ragaglini, G Proceedings of the XLVIII Conference of the Italian Society for Agronomy, 74-75

Experiencing the transition towards agroforestry in the Mediterranean: a new Long Term Experiment in Central Italy

2019

Mantino, A; Antichi, D; Coli, A; Sbrana, M; Pecchioni, G; Bosco, S; Cappucci, A; Mezzalana, G; Pelleri, F; Chiarabaglio, P; Carlesi, S; Moonen, C; Barberi, P; Mazzoncini, M; Ragaglini, G; Mele, M
Book of Abstracts, 4th World Congress on Agroforestry. Agroforestry: strengthening links between science, society and policy, 373

Soybean yield and feed value in a SRC poplar alley-cropping system: preliminary results from a field trial in Italy

2019

Mantino, A; Pecchioni, G; Volpi, I; Bosco, S; Dragoni, F; Giannini, V; Micci, M; Cappucci, A; Mele, M; Ragaglini, G
Book of Abstracts, 4th World Congress on Agroforestry. Agroforestry: strengthening links between science, society and policy, 670

The net biome production of an alley-cropping system of sorghum and poplar SRC compared to an open field cultivation

2019

Pecchioni, G; Bosco, S; Volpi, I; Mantino, A; Dragoni, F; Giannini, V; Micci, M; Tozzini, C; Mele, M; Ragaglini, G
Book of Abstracts, 4th World Congress on Agroforestry. Agroforestry: strengthening links between science, society and policy, 19

Mediterranean silvoarable systems for feed and fuel: the AGROFORCES project (AGROFORestry for Carbon sequestration and Ecosystem Services)

2018

Pecchioni, G; Mantino, A; Bosco, S; Volpi, I; Giannini, V; Dragoni, F; Tozzini, C; Coli, A; Mele, M; Ragaglini, G
Proceedings of the 4th European Agroforestry Conference: Agroforestry as Sustainable Land Use, 476-478

Soil erosion risk and agroforestry implementation in Tuscany: locating best practices for vulnerability management with a GIS-based scenario approach

2018

Mantino, A; Volpi, I; Dragoni, F; Cappucci, A; Mele, M; Bonari, E; Pecchioni, G; Annecchini, F; Ragaglini, G
Proceedings of the 4th European Agroforestry Conference: Agroforestry as Sustainable Land Use, 173-177

An agrosilvopastoral experience in Tuscany

2018

Chiarabaglio, P M; Giorcelli, A; Pelleri, F; Mantino, A; Pecchioni, G; Ragaglini, G; Mazzoncini, M; Coli, A; Mele, M
IV National Congress of Silviculture - Abstract book, 439-441

2016

Dragoni, F; Savasta, F; Nasso, N; Pecchioni, G; Tozzini, C; Bonari, E; Ragaglini, G

Proceedings of the XLV Conference of the Italian Society for Agronomy - The agronomy research towards 2030: the Sustainable Development Goals, 203-204

● NETWORKS AND MEMBERSHIPS

27/07/2017 – CURRENT

Ordine regionale dei Dottori Agronomi e Dottori Forestali della Liguria

Genova

n. 203


30/05/2018 – CURRENT

EURAF - European Agroforestry Federation

30/05/2018 – CURRENT

AIAF - Associazione Italiana AgroForestazione

● DRIVING LICENCE

Driving Licence: 

Driving Licence: 

● HONOURS AND AWARDS

27/07/2017

Admitted to practice as an Agronomist with licence number 203 – Ordine dei Dottori Agronomi e Dottori Forestali della Liguria

29/06/2017

Qualified as a Professional Agronomist – Department of Agriculture, Food and Environment, University of Pisa

29/03/2017

Pest Control Consultant Licence – Settore Fitosanitario Regionale – Regione Liguria

2010

First Certificate of English (FCE) B2 – Cambridge University

2009

Preliminary English Test (PET) B1 – Cambridge University

● VOLUNTEERING

01/04/2014 – CURRENT

FAI (Italian National Trust), organizing cultural events and guided tours

Pisa

Loano, SV