

CURRICULUM VITAE
PROF. ING.
PIETRO PICUNO



Aggiornato a: Settembre 2023

INFORMAZIONI PERSONALI

Nome
Indirizzo
Telefono
Fax
E-mail / Website
Stato Civile
Data di nascita
Codice Fiscale

PICUNO, Pietro

VIA NICOLÒ GIUDICE, N.1 – 70010 CELLAMARE (BA) - ITALIA

080 – 4656892 329 - 3606235

080 - 4656892

pietro.picuno@unibas.it researchgate.net/profile/Pietro_Picuno/

Coniugato

02 Agosto 1960

PCN PTR 60M02 L049Q

ESPERIENZA LAVORATIVA

- Date (da – a)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego
- Principali mansioni e responsabilità



da Giugno 1987 ad oggi

Università degli Studi della Basilicata

Via Nazario Sauro, 85 – 85100 Potenza (PZ)

Università statale

Professore Ordinario di Costruzioni Rurali e Territorio Agroforestale (da Aprile 2007)

(Professore Associato da Novembre 1998 a Marzo 2007, Ricercatore Universitario da Giugno 1987 a Ottobre 1998)

Docenza corsi Universitari – Partecipazione e coordinamento gruppi di ricerca scientifica – Coordinamento Master Universitario di II Livello – Coordinamento Dottorato di Ricerca – Direzione Dipartimento – Responsabile Corso di Laurea Magistrale Internazionale – Responsabile Corso Internazionale CUIA Argentina – Componente del Senato Accademico da Marzo 2015 a Settembre 2020.

Iscritto all'Ordine degli Ingegneri della Provincia di Bari al n. 3408

ISTRUZIONE E FORMAZIONE

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Principali materie / abilità professionali oggetto dello studio
- Qualifica conseguita

Da Novembre 1979 a Luglio 1984

Politecnico di Bari – Facoltà di Ingegneria

Discipline propedeutiche, di base e professionalizzanti nel campo dell'ingegneria agrarie, civile, territoriale ed ambientale

Laurea Quinquennale in Ingegneria Civile – Sezione Idraulica – Indirizzo Difesa del Suolo

CAPACITÀ E COMPETENZE PERSONALI

Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali.

Principali Titoli accademici

Coordinatore del Corso di Laurea Magistrale Internazionale in: “Sustainable Management of Food Quality – EDAMUS” finanziato dal Programma UE *Erasmus-Mundus* 2012-2016

Direttore del Dipartimento Tecnico-economico per la gestione del Territorio Agricolo e Forestale (DITEC) dell'Università della Basilicata 2010 - 2012

Coordinatore del Dottorato di Ricerca in: “Economia e Ingegneria Agro-alimentari, Ambientali e Forestali” presso in Dipartimento DITEC dell'Università della Basilicata 2007 - 2011.

Coordinatore del Master di II Livello Interfacoltà in: Progettazione e gestione di parchi urbani e fluviali nella Pianificazione di Bacino – Università della Basilicata

Membro del Senato Accademico dell'Università della Basilicata dal 2015 al 2020.

Componente della Commissione per l'Abilitazione Scientifica Nazionale - ASN Settore Concorsuale 07/C1 – Edizione 2016-2018.

Incluso nel 2021 & 2022 nella **Top2% List degli scienziati del Mondo dell'Università di Stanford**.

Guest Editor dello Special Issue su: “Rural Landscape Analysis, Planning and Management” della Rivista Scientifica Internazionale: “Sustainability” e dello Special Issue su: “Reducing the Plastic Footprint of Agriculture” della Rivista Scientifica Internaz.: “Applied Sciences”.

Chairman del Working Group su: “Rural Development and Preservation of Cultural Heritages” dell'International Commission of Agricultural and Biosystems Engineering – CIGR, dal 2019.

Componente Focus Group EIP-AGRI “Reducing the plastic footprint of agriculture” dal 2020.

Vice-Presidente della 2° Sezione “Costruzioni Rurali, Impianti e Territorio” dell'AIIA (Associazione Italiana di Ingegneria Agraria) da Gennaio 2022.

PRIMA LINGUA

ITALIANO

ALTRE LINGUE

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

INGLESE

C1
C1
C1

SPAGNOLO

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

C1
C1
C1

GRECO MODERNO

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

A1

A1

CAPACITÀ E COMPETENZE
RELAZIONALI

Vivere e lavorare con altre persone, in ambiente multiculturale, occupando posti in cui la comunicazione è importante e in situazioni in cui è essenziale lavorare in squadra (ad es. cultura e sport), ecc.

Partecipazione a gruppi multidisciplinari ed interdisciplinari di ricerca scientifica in ambito universitario e non, anche in collaborazione con aziende private, tra cui in particolare:

-) partecipazione in qualità di Responsabile dell'Università della Basilicata **nel gruppo di ricerca Nazionale finanziato dal C.N.R.**, dal titolo: "Tecniche innovative di solarizzazione del terreno agrario", negli **Anni 1994-1995**;

-) partecipazione ad una **Rete Partenariale di Ricerca Europea**, coordinato dall'Università Agraria di Atene (Grecia), finanziata dall'Unione Europea nell'ambito di un progetto Capitale Umano e Mobilità. Per tale attività, è stato **Visiting Researcher presso l'Università Agraria di Atene** negli anni 1995 e 1996.

-) partecipazione alla **progettazione e coordinamento del progetto "Teknika Europeane"** per conto del raggruppamento capeggiato dal Politecnico di Bari finanziato dalla misura 4.3.2. del **PIC Interreg IIIA Italia-Albania 2000-06**, per la costituzione della rete di Uffici Genio Civile in Albania nell'ambito del programma di cooperazione transfrontaliera Italia-Albania.

-) Collaborazione nel **coordinamento della partnership italiana nell'ambito del progetto "Labelagriwaste"** finanziato dall'Unione Europea nell'ambito del 6° Programma Quadro di Ricerca Scientifica e Tecnologica – Misura **CRAFT Collective Resesarch**.

-) **Responsabile scientifico degli accordi Erasmus** dell'Università della Basilicata con il **TEI dell'Epiro (Grecia)** negli anni accademici 2003-2004 e 2004-2005, con l'**Università di Lleida (Spagna)** negli anni accademici dal 2004-2005 al 2006-2007, e con l'**Università dell'Egeo (Grecia)** nell'anno accademico 2008-2009.

-) **Responsabile scientifico** della collaborazione tra il Dipartimento Tecnico-economico dell'Università della Basilicata e la Provincia di Matera per lo svolgimento del progetto "Medi-Cube", finanziato dal programma **Interreg IIIB Archimed** negli Anni 2007-2008.

-) **Coordinatore scientifico e Responsabile del Partner DITEC-Università della Basilicata** nel Progetto "Azioni urgenti di salvaguardia degli anfibi e rettili della gravina di Matera- ARUPA" finanziato dal **Programma LIFE+** (LIFE08NAT/IT/000372).

-) **Coordinatore scientifico e Responsabile del Partner DITEC-Università della Basilicata** nel Progetto "Design of a common agrochemical plastic packaging waste management scheme to protect natural resources in synergy with agricultural plastic waste valorisation - AGROCHEPACK" finanziato dall'**European Territorial Cooperation Programme Interreg MED**.

-) **Responsabile scientifico** per l'Università della Basilicata del Corso di Laurea Magistrale "Edamus", finanziato dall'Azione 1° del **Programma Erasmus-Mundus**, Coordinatore Università UM1 di Montpellier (Francia).

-) **Responsabile scientifico** del Corso Interuniversitario Internazionale su: "Costruzioni ed Impianti per le Coltivazioni Protette" finanziato dal Consorzio per l'Università Italiana in Argentina (CUA) in comune con l'**Universidad de la Plata** di La Plata (Argentina).

-) **Revisore di Progetti Internazionali**. Esperto Esterno Indipendente dell'European Cooperation in Science & Technology (COST Association).

-) **Coordinatore del Progetto**: "Training A New Generation Of farmers and agricultural entrepreneurs to implement the concept of Circular economy in agriculture - TANGO-Circular", finanziato dal Programma UE Erasmus+ - Key Action 2 – *Alliances for innovation* (Luglio 2022-).

CAPACITÀ E COMPETENZE ORGANIZZATIVE

Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato (ad es. cultura e sport), a casa, ecc.

Organizzazione, direzione, coordinamento e gestione dei seguenti progetti di ricerca scientifica, sviluppo e trasferimento tecnologico:

- *"Training A New Generation Of farmers and agricultural entrepreneurs to implement the concept of Circular economy in agriculture - TANGO-Circular"*, finanziato dal Programma UE Erasmus+ Key Action 2 (KA2): Cooperation among organisations and institutions - Partnerships for Innovation — Alliances for innovation - Lot 1: Alliances for Education and Enterprises. – 2022 – *in corso*. (Progetto: 101055970)
- *"Investing on Circular Economy through Adults – I.CE.A."* finanziato dal Programma Erasmus+ KA220-ADU - (Sector Skills Alliances) Cooperation partnerships in adult education – 2022 – *in corso* (Progetto: 2021-1-BG01-KA220-ADU-000035247).
- *"Sustainable Farming – SFARM"*, finanziato dal Programma Horizon2020 – Erasmus+ Programme, Key Action 2 – Cooperation for innovation and the exchange of good practices – capacity Building in the field of Higher Education – 2017-2021 (Progetto: 585814-EPP-1-2017-EL-EPPKA2-CBHE-JP)
- *"Skills Alliance for Sustainable Agriculture – SAGRI"*, finanziato dal Programma Horizon2020 – Erasmus+ Programme, Key Action 2: Sectors Skills Alliances – <http://ec.europa.eu/programmes/erasmus-plus/projects/eplu-project-details-page/?nodeRef=workspace://SpacesStore/e41de767-22ec-453f-a4e6-c096756604f6> – 2016-2020. (Progetto: 575898-EPP-1-2016-1-EL-EPPKA2-SSA - Contratto: 2016 – 2987 / 001 - 001)
- *"SMART Energy"* – Obiettivo Realizzativo del Progetto *"SMART Basilicata"*, finanziato dal Ministero dell'Università e Ricerca (MUR) - <http://smartbasilicata.tern.it/> - 2013-2019
- *"Valorizing the Montenegrin Katuns through sustainable development of agriculture and tourism – KATUN"* finanziato dal **Programma HERIC del Ministero delle Scienze del Montenegro** (Contratto numero: 01-648)
- *"Design of a common agrochemical plastic packaging waste management scheme to protect natural resources in synergy with agricultural plastic waste valorisation - AGROCHEPACK"* finanziato dal **Programma di Cooperazione Territoriale Europea Interreg MED** (Contratto numero: 2G-MED09-015) <https://keep.eu/projects/1687/Design-of-a-common-agrochemi-EN/>
- *"Ottimizzazione del microclima interno nelle serre dei Paesi a clima caldo per un'agricoltura sostenibile"* (C.N.R. – Com. Naz. Scienze Agrarie – Progetto **bilaterale Italia/Brasile 1997**)
- *"Azioni urgenti di salvaguardia degli anfibi e rettili della gravina di Matera- ARUPA"* finanziato dal **Programma LIFE+** (Contratto numero: LIFE08NAT/IT/000372).
- *"Analisi dell'influenza della gestione delle deiezioni sull'inquinamento ambientale in allevamenti suinicoli intensivi"* (M.U.R.S.T. 60% - 1994)
- *"Tecniche innovative di solarizzazione del terreno agrario"* (C.N.R. - **Comitato Nazionale Scienze Agrarie – Progetto coordinato 1994-1995**)

CAPACITÀ E COMPETENZE SCIENTIFICHE

Partecipazione a comitati scientifici di Convegni Nazionali o Internazionali

-) 1° Simposio Internazionale su: "Agricultural Engineering - **ISAE 2013**", 4-6 Ottobre 2013, Belgrado (Serbia).
-) 43° Simposio Internazionale su: "Actual Tasks on Agricultural Engineering – **ATAE 2015**", 24-27 Febbraio 2015, Opatija (Croazia).
-) 2° Simposio Internazionale su: "Agricultural Engineering - **ISAE 2015**", 9-10 Ottobre 2015, Belgrado (Serbia).
-) 44° Simposio Internazionale su: "Actual Tasks on Agricultural Engineering - **ATAE 2016**", 23-26 Febbraio 2016, Opatija (Croazia).
-) 45° Simposio Internazionale su: "Actual Tasks on Agricultural Engineering - **ATAE 2017**", 21-24 Febbraio 2017, Opatija (Croazia).
-) 3° Simposio Internazionale su: "Agricultural Engineering - **ISAE 2017**", 20-21 Ottobre 2017, Belgrado (Serbia).
-) 46° Simposio Internazionale su: "Actual Tasks on Agricultural Engineering - **ATAE 2018**", 27 Febbraio – 2 Marzo 2018, Opatija (Croazia).
-) 47° Simposio Internazionale su: "Actual Tasks on Agricultural Engineering - **ATAE 2019**", 5 – 7 Marzo 2019, Opatija (Croazia).
-) 1st International "Conference on Agriculture and Bioindustry - **ICAGRI 2019**", 24-26 October 2019, Banda Aceh (Indonesia).

-) 4° Simposio Internazionale su: "Agricultural Engineering - **ISAE 2019**", 31 Ottobre – 2 Novembre 2019, Belgrado (Serbia).
-) "EurAgEng 2021 Conference - **AgEng 2021**", 4-8 Luglio 2021, Evora (Portogallo) – *OnLine*
-) Conferenza Internazionale **AIIA 2022** su: "Biosystems Engineering towards the Green Deal - Improving the resilience of agriculture, forestry and food systems in the post-Covid era", Palermo, 19-22 Settembre 2022.
-) **XX Congresso Mondiale CIGR** su: "Sustainable Agricultural Production – Water, Land, Energy and Food", 5-10 Dicembre 2022, Kyoto (Giappone).

Partecipazione a comitati editoriali di riviste scientifiche

-) **Poljoprivredna Tehnika** (Agricultural Engineering - Scientific Journal), Belgrado (Serbia).
-) **Guest Editor dello Special Issue** su: "Rural Landscape Analysis, Planning and Management" della Rivista Scientifica Internazionale: "Sustainability".
(https://www.mdpi.com/journal/sustainability/special_issues/rural_landscape_analysis_planning_management)
-) **Guest Editor dello Special Issue** su: "Reducing the Plastic Footprint of Agriculture" della Rivista Scientifica Internazionale: "Applied Sciences".
(https://www.mdpi.com/journal/applsci/special_issues/Reducing_Plastic_of_Agriculture)

Relazioni ufficiali invitate

-) "Environmental aspects connected with the use of plastic film in agriculture", presentata alla Conferenza Internazionale **AMI Agricultural Film 2010**, 22-24 Novembre 2010, Barcellona (Spagna).
-) "Innovative material and improved technical design for a sustainable exploitation of agricultural plastic film", presentata al 1° Simposio Internazionale di Ingegneria Agraria - **ISAE 2013**, 4-6 Ottobre 2013, Belgrado (Serbia).
-) "New secondary materials from recycled agricultural plastic film", presentata alla Conferenza Internazionale **AMI Agricultural Film 2014**, 15 - 17 Settembre 2014, Barcellona (Spagna).
-) "Valorization of traditional building material for the sustainable development of rural areas", presentata al 2° Simposio Internazionale di Ingegneria Agraria - **ISAE 2015**, 9-10 Ottobre 2015, Belgrado (Serbia).
-) "Engineering design for improving plastic films and nets as drivers of greenhouse environmental conditions", presentata all' "AMI International industry conference on silage, mulch, greenhouse and tunnel films used in agriculture - **AGRICULTURAL FILM 2017**", 26 - 28 Settembre 2017, Barcellona (Spagna).
-) "New curricula and teaching programmes on sustainable agriculture for advancing the skills of agricultural operators", presentata al 3° Simposio Internazionale on "Agricultural Engineering - **ISAE 2017**", 20-21 Ottobre 2017, Belgrado (Serbia).

Siti Web

<http://orcid.org/0000-0002-2514-2721>
<http://unibas-it.academia.edu/PietroPicuno>
https://www.researchgate.net/profile/Pietro_Picuno/
<http://it.linkedin.com/pub/pietro-picuno/5/b4a/93b>
<https://publons.com/author/1360360/pietro-picuno#profile>

**CAPACITÀ E COMPETENZE
ARTISTICHE**

Musica, scrittura, disegno ecc.

Specifiche competenze acquisite con riferimento all'attività didattica e alle attività di ricerca svolte nei Laboratori di Prove materiali e di Cartografia, Fotointerpretazione e Fotogrammetria del Dipartimento Tecnico-Economico dell'Università della Basilicata.

Tra esse, si segnala in particolare in questa sede **l'impiego di fotogrammi, metrici e non metrici**, per tecniche di rilievo e rappresentazione di territorio agroforestale o di **disegno di edifici di particolare valore storico mediante tecniche di fotogrammetria terrestre**, oltre all'**implementazione di tecniche di disegno CAD e di Sistemi Informativi Territoriali (GIS)**.

ALTRE CAPACITÀ E COMPETENZE

Elenco delle Pubblicazioni scientifiche.

- 1) Puglisi R., Cillis G., Statuto D., Picuno P. (2023). *Recycled Plastics Used in the Production of Agricultural Nets for Crop Protection*. Lecture Notes in Civil Engineering, 337, pp. 1203-1210. ISSN 2366-2565.
- 2) Puglisi R., Lippolis M., Starace G., Arrigoni P., Picuno P. (2023). *Efficiency of Plastic Nets for Greenhouse Shading*. Lecture Notes in Civil Engineering, 337, pp. 1211-1218. ISSN 2366-2565.
- 3) Statuto D., Cillis G., Picuno P. (2023). *Impact of Agricultural Plastics on Rural Landscape: A Case Study in the "Metapontino" Agri-Food District (Southern Italy)*. Lecture Notes in Civil Engineering, 337, pp. 1237-1245. ISSN 2366-2565.
- 4) Picuno P., Margiotta S. (2023). *Planning through a GIS the potential recovery of rural buildings for the development of new forms of tourism hospitality*. Proceedings of the Conference on: "Public Recreation and Landscape Protection - with environment hand in hand?", Křtiny (Czech Republic), 9-11 May 2023, 188-192.
- 5) Cillis G., Statuto D., Picuno P. (2023). *The implementation of GIS tools for planning the development of rural tourism along the network of old sheep-tracks*. Proceedings of the Conference on: "Public Recreation and Landscape Protection - with environment hand in hand?", Křtiny (Czech Republic), 9-11 May 2023, 311-315.
- 6) Statuto D., Cillis G., Picuno P. (2023). *Valorization of an old sheep trail as a new opportunity for sustainable public recreation: a case study in southern Italy*. Proceedings of the Conference on: "Public Recreation and Landscape Protection - with environment hand in hand?", Křtiny (Czech Republic), 9-11 May 2023, 365-369.
- 7) Picuno P., Puglisi R., Spyrou G., Dimitriou E., Papadakis G., Smimiotaki M., Koutsogiannopoulou V., Stavropoulou C., Papisideri T., Balcells M., Martin-Closas L., Brondelli di Brondello L., Mata C., Farrus A., Baptista F., Fitas da Cruz V., Mur Cacaho M.E., Batista T., Cordeiro F.,

- Godosi Z., Margout-Jantac D. (2023). *Training farmers on Circular economy implementation: the TANGO-Circular Project*. Proceedings of the 49th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2023, Opatjia (Croatia), 28 February - 2 March 2023. pp. 517-525. ISSN 1848-4425.
- 8) Picuno P., Godosi Z., Picuno C. (2022). *Agrochemical Contamination and Ageing Effects on Greenhouse Plastic Film for Recycling*. Applied Sciences, 12, 10149, 1-10. <https://doi.org/10.3390/app121910149>
 - 9) Picuno P. (2022). *Farm Buildings as Drivers of the Rural Environment*. Frontiers in Built Environment, 8: 693876. doi: 10.3389/fbuil.2022.693876
 - 10) Cillis G., Statuto D., Schettini E., Vox G., Picuno P. (2022). *Implementing a GIS-based Digital Atlas of Agricultural Plastics to Reduce Their Environmental Footprint: Part II, A Deductive Approach*. Applied Sciences, 12, 7545, 1-17. <https://doi.org/10.3390/app12157545>.
 - 11) Picuno C.A., Godosi Z., Picuno P. (2022). *Implementing a landscape information modelling (LIM) tool for planning leisure facilities and landscape protection*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with the environment hand in hand...", Křtiny (Czech Republic), 9-10 May 2022, 186-190.
 - 12) Cillis G., Statuto D., Picuno P. (2022). *Reducing the visual impact of plasticulture on rural landscapes by a sustainable management of agricultural plastics*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with the environment hand in hand...", Křtiny (Czech Republic), 9-10 May 2022, 283-287.
 - 13) Picuno P. (2022). *The implementation of a GIS as an effective tool for the valorization of typical food products from marginal areas*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with the environment hand in hand...", Křtiny (Czech Republic), 9-10 May 2022, 366-370.
 - 14) Manniello C., Cillis G., Statuto D., Di Pasquale A., Picuno P. (2022). *Experimental analysis of concrete blocks reinforced with Arundo Donax fibres*. Journal of Agricultural Engineering, 53: 1288, pp. 1-15.
 - 15) Al-Helal I., Picuno P., Alsadon A., Derhaim A., Shady M., Abdel-Ghany A.M. (2022). *Effect of Shape, Orientation and aging of a Plastic Greenhouse Cover on the Degradation Rate of the Optical Properties in Arid Climates*. Applied Sciences, 12 (5): 2709, pp. 1-15.
 - 16) Manniello C., Cillis G., Statuto D., Di Pasquale A., Picuno P. (2022). *GIScience and Historical cartography for Evaluating Land Use Changes and Resulting Effects on Carbon Balance*. International Journal of Geo-Information, 11(3): 1, pp. 1-13.
 - 17) Rossi R., Picuno P., Fagnano M., Amato M. (2022). *Soil reinforcement potential of cultivated cardoon (Cynara cardunculus L.): First data of root tensile strength and density*. Catena, 211, 106016, 1-11.
 - 18) Manniello C., Cillis G., Statuto D., Di Pasquale A., Picuno P. (2022). *Concrete blocks reinforced with Arundo Donax fibers with different Aspect Ratios for Application in Bioarchitecture*. Applied Sciences, 12: 1267, pp. 1-15.
 - 19) Cillis G., Statuto D., Schettini E., Vox G., Picuno P. (2022). *Implementing a GIS-based Digital Atlas of Agricultural Plastics to Reduce Their Environmental Footprint. Part I: A Deductive Approach*. Applied Sciences, 12, 1330, 1-16. <https://doi.org/10.3390/app12031330>
 - 20) Manniello C., Cillis G., Statuto D., Di Pasquale A., Picuno P. (2021). *Experimental analysis on concrete blocks reinforced with Arundo Donax fibers*. Proceedings of the 5th International Symposium on Agricultural Engineering - ISAE 2021, 30 September – 2 October 2021, Belgrade (Serbia), Vol. 1, pp. 53-62.
 - 21) Cillis G., Statuto D., Picuno P. (2021). *Historical GIS as a Tool for Monitoring, Preserving and Planning Forest Landscape: A Case Study in a Mediterranean Region*. Land, 10 (8), 851, 1-20. <https://doi.org/10.3390/land10080851>
 - 22) Picuno P., Godosi Z., Picuno C., Kuchta K. (2021). *Agrochemical contamination and ageing effects on greenhouse plastic film for recycling*. Proceedings CRETE2020, Seventh International Conference on Industrial & Hazardous Waste Management, Chania - Crete (Greece), 27-30 July 2021. ISSN: 2241-3146. Paper n.134.
 - 23) Manniello C., Statuto D., Di Pasquale A., Picuno P. (2021). *Planning the Integrated Management of Organic Waste Flows and Agricultural Residues for a Circular Economy*. Proceedings of the European Conference on Agricultural Engineering - AgEng2021, 4 – 8 July 2021, Evora (Portugal), Vol. 1, pp. 137-145.
 - 24) Lourenço P., Baptista F., Picuno P., Fitas da Cruz V., Silva L.L., Silva J.R., Sousa A., Dimitriou E., Papadakis G. (2021). *Training and Learning needs for MSc Programs in sustainable agriculture*. Proceedings of the European Conference on Agricultural Engineering - AgEng2021, 4 – 8 July 2021, Evora (Portugal), Vol. 1, pp. 212-215.
 - 25) Cillis G., Statuto D., Picuno P. (2021). *Integrating remote-sensed and historical geodata to assess interactions between rural buildings and agroforestry land*. Journal of Environmental Engineering and Landscape Management, 29 (3), 229-243.
 - 26) Cillis G., Statuto D., Picuno P. (2021). *A GIS-based approach to monitor and assess historical forest landscape evolution*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand?", Křtiny (Czech Republic), 10-11 May 2021, 16-20.
 - 27) Godosi Z., Papadiotis T., Fatone A., Picuno P. (2021). *Connecting marinas with inland areas for enhancing the public recreation of rural heritages*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand?", Křtiny (Czech Republic), 10-11 May 2021, 99-103.
 - 28) Picuno P. (2021). *Photogrammetric survey of vernacular farm buildings for preserving the cultural heritage of rural landscapes*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand?", Křtiny (Czech Republic), 10-11 May 2021, 362-365.
 - 29) Statuto D., Cillis G., Picuno P. (2021). *The role of green areas in the City of Matera (Southern Italy) as a recreational and tourist potential for its territory*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand?", Křtiny (Czech Republic), 10-11 May 2021, 501-505.
 - 30) Baptista F., Lourenço P., Fitas da Cruz V., Silva L.L., Silva J.R., Correia M., Picuno P., Dimitriou E., Papadakis G. (2021). *Which are the best practices for MSc programmes in sustainable agriculture?* Journal of Cleaner Production, 303, 126914, pp. 1-10.
 - 31) Puglisi R., Statuto D., Picuno P. (2021). *Effects of greenhouse lime shading on filtering the solar radiation*. Proceedings of the 48th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2021, Zagreb – Croatia (Online), 2 - 4 March 2021. pp. 131-140. ISSN 1848-4425.
 - 32) Lay-Ekuakille A., Avoci Ugwiri M., Djungha Okitadiowo J.P., Telesca V., Picuno P., Liguori C., Singh S. (2020). *SAR sensors measurements for environmental classification: Machine learning-based performances*. IEEE Instrumentation & Measurement Magazine, vol. 23, no. 6, pp. 23-30, Sept. 2020.
 - 33) Statuto D., Cillis G., Picuno P. (2020). *Assessing the impact of built heritage on the rural landscape through the integration in a GIS of cartographic information and remote-sensed data*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand?", Křtiny (Czech Republic), 11-13 May 2020, 63-67.
 - 34) Manniello C., Statuto D., Di Pasquale A., Cillis G., Picuno P. (2020). *The impact of soil fertility on the characteristics of the rural landscape for its protection*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand?", Křtiny (Czech Republic), 11-13 May 2020, 484-488.
 - 35) Hruza P., Olišarová L., Pelikán P., Cillis G., Statuto D., Picuno P. (2020). *Forest and rural development assessment over a period of 200 years: A case study in the South Moravian region*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand?", Křtiny (Czech Republic), 11-13 May 2020, 186-189.
 - 36) Cillis G., Statuto D., Picuno P. (2020). *Visual quality assessment in a GIS environment as a decision support system for landscape planning*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand?", Křtiny (Czech Republic), 11-13 May 2020, 558-562.
 - 37) Statuto D., Cillis G., Picuno P. (2020). *Multi-temporal analysis of vernacular farm buildings and rural landscape through historical cartography and 3-D GIS*. Proceedings of the REHABEND 2020 Congress on: "Construction Pathology, Rehabilitation Technology and Heritage Management", Granada (Spain), 24-27 March 2020, Article Code 255, pp. 2847 – 2854.
 - 38) Manniello C., Statuto D., Di Pasquale A., Giuratrabocchetti G. & Picuno P. (2020). *Planning the flows of residual biomass produced by wineries for the preservation of the rural landscape*. Sustainability, 12, 847:1-13. doi: 10.3390/su12030847.
 - 39) Cillis G., Statuto D., Picuno P. (2020). *Vernacular farm buildings and rural landscape: a geospatial approach for their integrated management*. Sustainability, 12, 4:1-19. doi:10.3390/su12010004.
 - 40) Picuno C., Alassali A., Sundermann M., Godosi Z., Picuno P. & Kuchta K. (2020). *Decontamination and recycling of agrochemical plastic packaging waste*. Journal of Hazardous Materials, Vol. 381, 5 January 2020, Article number 120965. DOI: 10.1016/j.jhazmat.2019.120965.
 - 41) Manniello C., Statuto D., Di Pasquale A., Picuno P. (2020). *Planning the flows of residual biomass produced by wineries for their valorisation in the framework of a circular bioeconomy*. Lecture Notes in Civil Engineering, 67, pp. 295-303.
 - 42) Statuto D., Abdel-Ghany A.M., Starace G., Arrigoni P., Picuno P. (2020). *Comparison of the efficiency of plastic nets for shading greenhouse in different climates*. Lecture Notes in Civil Engineering, 67, pp. 287-294.
 - 43) Cillis G., Lay-Ekuakille A., Telesca V., Statuto D., Picuno P. (2020). *Analysis of the evolution of a rural landscape by combining SAR geodata with GIS techniques*. Lecture Notes in Civil Engineering, 67, pp. 255-263.
 - 44) Cillis G., Statuto D., Picuno P. (2020). *Spatial analysis of rural buildings impact on agro-forestry landscape using GIS*. Lecture Notes in Civil Engineering, 67, pp. 207-214.

- 45) Picuno P. (2019). *Farm buildings as drivers of the rural environment: a literature review*. Proceedings of the 4th International Symposium on Agricultural Engineering - ISAE 2019, 31 October – 2 November 2019, Belgrade (Serbia), Vol. 1, pp. 107-117.
- 46) Baptista F., Lourenço P., Fitas da Cruz V., Silva L.L., Silva J.R., Correia M., Papadakis G., Dimitriou E., Picuno P. (2019). *Best practices for masters programmes in sustainable farming*. Proceedings of the X Congreso Ibérico de Agroingeniería – Agroing2019, Zaragoza (Spain), 3-6 September 2019.
- 47) Picuno, P., Cillis, G., Statuto, D. (2019). *Investigating the Time Evolution of a Rural Landscape: How Historical Maps May Provide Environmental Information When Processed Using a GIS*. Ecological Engineering 139C (2019) 105580. DOI: 10.1016/j.ecoleng.2019.08.010.
- 48) Statuto D., Frederiksen P. & Picuno P. (2019). *Valorization of Agricultural by-products within the "Energyscapes": Renewable energy as driving force in modeling rural landscape*. Natural Resources Research, Vol. 28, No. SI, August 2019, S111- S124. <https://doi.org/10.1007/s11053-018-9408-1>.
- 49) Statuto D., Cillis G. & Picuno P. (2019). *GIS-based analysis of temporal evolution of rural landscape: A case study in Southern Italy*. Natural Resources Research, Vol. 28, No. SI, August 2019, S61- S75. <https://doi.org/10.1007/s11053-018-9402-7>.
- 50) Abdel-Ghany A.M., Al-Helal I.M., Picuno P., Cidek M.F., Al-Rebeh A., Shady M.R. (2019). *Degradation Characteristics of the Optical Constants of PE-LD Film-Covered Greenhouses in an Arid Climate*. International Journal of Thermophysics, 40: 62. Pp1-14. <https://doi.org/10.1007/s10765-019-2528-y>
- 51) Picuno C., Godosi Z., Kuchta K. & Picuno P. (2019). *Agrochemical plastic packaging waste decontamination for recycling: Pilot tests in Italy*. Journal of Agricultural Engineering, 50(2), 99-104. <https://doi.org/10.4081/jae.2019.958>.
- 52) Castronuovo D., Russo D., Libonati R., Faraone I., Candido V., Picuno P., Andrade P., Valentao P., Milella L. (2019). *Influence of shading treatment on yield, morphological traits and phenolic profile of sweet basil (Ocimum basilicum L.)*. Scientia Horticulturae, 254: 91-98.
- 53) Cillis G., Statuto D., Picuno P. (2019). *Historical maps processed into a GIS for the assessment of forest landscape dynamics*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand...", Křtiny (Czech Republic), 13-15 May 2019, 180-184.
- 54) Picuno P., Cillis G., Statuto D., (2019). *Restoring biodiversity in a highly-intensive touristic urban area: a case study in the City of Matera (Southern Italy)*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand...", Křtiny (Czech Republic), 13-15 May 2019, 339-343.
- 55) Hruza P., Pelikán P., Olišarová L., Statuto D., Cillis G., Picuno P. (2019). *The Historical Development of Rural Roads in the Basilicata Region, Southern Italy*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand...", Křtiny (Czech Republic), 13-15 May 2019, 399-403.
- 56) Statuto D., Cillis G., Picuno P. (2019). *Visual quality indicators for assessing landscape characteristics and managing its protection*. Proceedings of the Conference on: "Public Recreation and Landscape Protection: with sense hand in hand...", Křtiny (Czech Republic), 13-15 May 2019, 476-480.
- 57) Aouinet M., Djakhdane K., Dehbi A., Castronuovo D., Picuno P. (2019). *Performance of multilayered LDPE films used as greenhouse cover in semiarid climate*. Journal of Elastomers and Plastics, 51 (3): 211-223. 10.1177/0095244318781963.
- 58) Statuto D., Picuno P., Abdel-Ghany A.M. (2019). *Shading methods for crop protection under greenhouse in mediterranean areas*. Proceedings of the 47th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2019, Opatija (Croatia), 5 - 7 March 2019. pp. 297-306. ISSN 1848-4425.
- 59) Cillis G., Statuto D., Picuno P. (2019). *Valorisation of historical farm buildings for protecting the rural landscape*. Proceedings of the 47th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2019, Opatija (Croatia), 5 - 7 March 2019. pp. 535-544. ISSN 1848-4425.
- 60) Picuno P. (2018). *Agriculture: Polymers in Crop Protection*. Encyclopedia of Polymer Applications, Mishra, M. (Ed.), Vol.1, pp 67-92. Set. Boca Raton: CRC Press.
- 61) Picuno P., Godosi Z., Picuno C. & Kuchta K. (2018). *Agrochemical plastic packaging waste decontamination and recycling: Pilot tests in Italy*. Proceedings CRETE2018, Sixth International Conference on Industrial & Hazardous Waste Management, Chania - Crete (Greece), 4-7 September 2018. ISSN: 2241-3146. Paper n.39.
- 62) Dehbi, A., Youssef, B., Mourad, A.-H. I., Chappey, C., Picuno, P., & Statuto, D. (2018). *Physical and gas permeation properties of five-layer polyethylene film used as greenhouse roof*. Journal of Agricultural Engineering, 49(2), 124-129. <https://doi.org/10.4081/jae.2018.797>
- 63) Olišarová L., Cillis G., Statuto D., Picuno P. (2018). *Analysis of the impact of settlement patterns on landscape protection in two different European rural areas*. Proceedings of the Conference on: "Public recreation and landscape protection: with nature hand in hand!", Křtiny (Czech Republic), 2-4 May 2018, 34-39.
- 64) Picuno P., Statuto D. (2018). *New curricula and teaching programmes on sustainable agriculture: the "SAGRI" Project*. Proceedings of the 46th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2018, Opatija (Croatia), 27 February - 2 March 2018. UDC, pp. 583-593.
- 65) Statuto D., Boichichio M., Sica C., Picuno P. (2018). *Experimental development of clay bricks reinforced with agricultural by-products*. Proceedings of the 46th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2018, Opatija (Croatia), 27 February - 2 March 2018. UDC, pp. 595-604.
- 66) Picuno P. (2017). *New curricula and teaching programmes on sustainable agriculture for advancing the skills of agricultural operators*. Proceedings of the 3rd International Symposium on Agricultural Engineering - ISAE 2017, 20-21 October 2017, Belgrade (Serbia), Vol. VIII, pp. 21-30.
- 67) Statuto D., Cillis G., Picuno P. (2017). *Using Historical Maps within a GIS to Analyze Two Centuries of Rural Landscape Changes in Southern Italy*. Land, 6 (65), 1-15.
- 68) Castronuovo D., Statuto D., Muro N., Picuno P., Candido V. (2017). *Technical and Agronomic Behavior of Plastic Nets for the Greenhouse Cultivation of Sweet Pepper in the Mediterranean Area*. Proceedings of the International Symposium on New Technologies and Management for Greenhouses – GreenSys 2015, Evora (Portugal), 19-23 July 2015. Acta Horticulturae n.1170_46, pp 373-380.
- 69) Statuto D., Picuno P. (2017). *Improving the greenhouse energy efficiency through the reuse of agricultural residues*. Proceedings of the International Symposium on New Technologies and Management for Greenhouses – GreenSys 2015, Evora (Portugal), 19-23 July 2015. Acta Horticulturae n.1170_62.
- 70) Picuno C.A., Laković I., Roubis D., Picuno P., Capetanović A. (2017). *Analysis of the characteristics of traditional rural constructions for animal corral in the Adriatic-Ionian area*. Sustainability, 9, 1441. DOI: 10.3390/su9081441.
- 71) Statuto D., Picuno P. (2017). *Valorisation of vernacular farm buildings for the sustainable development of rural tourism in mountain areas of the Adriatic-Ionian macro-region*. Journal of Agricultural Engineering, XLVIII (S1):643, pp. 21-26.
- 72) Picuno P., Statuto D. (2017). *Micro-climatic effect of plastic nets for crop protection in greenhouse*. Proceedings of the 11th International AIA Conference on: "Biosystems Engineering addressing the human challenges of the 21st century", Bari (Italy), 5-8 July 2017. pp. 402 – 406.
- 73) Statuto D., Picuno P. (2017). *Planning the energy valorization of agricultural co-products, by-products and waste in a landscape context*. Proceedings of the 11th International AIA Conference on: "Biosystems Engineering addressing the human challenges of the 21st century", Bari (Italy), 5-8 July 2017. pp. 206 – 210.
- 74) Statuto D., Picuno P. (2017). *Micro-climatic effect of shading nets for crop protection in Mediterranean areas*. Proceedings of the 45th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2017, Opatija (Croatia), 21-24 February 2017. UDC 502.7:631.95, pp. 613 – 622.
- 75) Picuno P. (2017). *Biosystems engineering techniques for habitat restoration in protected areas*. Proceedings of the 45th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2017, Opatija (Croatia), 21-24 February 2017. UDC 551.58:631.23, pp. 613-622.
- 76) Dehbi A., Youssef B., Chappey C., Mourad A.-H.I., Picuno P., Statuto D. (2017). *Multilayers polyethylene film for crop protection in harsh climatic conditions*. Advances in Materials Science and Engineering, January 2017, article n. 4205862. DOI: /10.1155/2017/4205862.
- 77) Djakhdane K., Dehbi A., Mourad A.-H.I., Zaoui A., Picuno P. (2016). *The effect of sand wind, temperature and exposure time on tri-layer polyethylene film used as greenhouse roof*. Plastics, Rubber and Composites, 45 (8): 346-351.
- 78) Picuno P. (2016). *Use of traditional material in farm buildings for a sustainable rural environment*. International Journal of Sustainable Built Environment. 5 (2): 451-460. DOI: <http://dx.doi.org/10.1016/j.ijsbe.2016.05.005>
- 79) Djakhdane K., Dehbi A., Mourad A.-H.I., Zaoui A., Picuno P., Statuto D., Castronuovo D., Sica C. (2016). *Effect of Sand Wind on the Polyethylene Film used as greenhouse cover*. In: Proceedings of the 4th CIGR International Conference of Agricultural Engineering (CIGR-AgEng 2016), Aarhus (Denmark), 26-29 June 2016.

- 80) Statuto D., Picuno P. (2016). *Analysis of renewable energy and agro-food by-products in a rural landscape: the Energyscapes*. In: Proceedings of the 4th CIGR International Conference of Agricultural Engineering (CIGR-AgEng 2016), Aarhus (Denmark), 26-29 June 2016.
- 81) Abdel-Ghany A.M., Al-Helal I.M., Picuno P., Shady M.R. (2016). *Modified plastic net-houses as alternative agricultural structures for saving energy and water in hot and sunny regions*. Renewable Energy, 93: 332-339.
- 82) Lakovic I., Pekovic S., Statuto D., Picuno P. (2016). *The Katuns – rural buildings as a perspective of seasonal mountain settlements in Montenegro*. Proceedings of the 44th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2016, Opatija (Croatia), 23-26 February 2016. UDC 631.2:711.582.7:636 (497.16), pp. 557-566.
- 83) Picuno P., Abdel-Ghany A.M. (2016). *Spectro-radiometrical analysis of plastic nets for greenhouse shading under arid conditions*. Proceedings of the 44th Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2016, Opatija (Croatia), 23-26 February 2016. UDC 631.234:728.98, pp. 469-477.
- 84) Statuto D., Cillis G., Picuno P. (2016). *Analysis of the effect of agricultural land use change on rural environment and landscape through historical cartography and GIS tools*. Journal of Agricultural Engineering, XLVII:468, pp. 28-39.
- 85) Abdel-Ghany A.M., Picuno P., Al-Helal I., Alsadon A., Ibrahim A., Shady M. (2015). *Radiometric Characterization, Solar and Thermal Radiation in a Greenhouse as Affected by Shading Configuration in an Arid Climate*. Energies, 8, 13928-13937.
- 86) Castronuovo D., Picuno P., Manera C., Scopa N., Sofo A., Candido V. (2015). *Biodegradable pots for Poinsettia cultivation: agronomical and technical traits*. Scientia Horticulturae, 197: 150-156.
- 87) Picuno P. (2015). *Valorization of traditional building material for the sustainable development of rural areas*. Proceedings of the Second International Symposium on Agricultural Engineering – ISAE 2015, 9-10 October 2015, Belgrade-Zemun (Serbia), VIII, 7-21.
- 88) Sica C., Dimitrijevic A., Scarascia-Mugnozza G., Picuno P. (2015). *Technical properties of regenerated plastic material bars produced from recycled Agricultural Plastic Film*. Polymer - Plastics Technology and Engineering, 54:12, 1207-1214.
- 89) Statuto D., Cillis G., Picuno P. (2015). *Historical cartography and GIS tools for the analysis of land use and landscape changes*. Proceedings of the 43rd Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2105, Opatija (Croatia), 24-27 February 2015. UDC 528.9:631.471, pp. 441-450.
- 90) Picuno P., Stanovčić T., Moric I., Dimitrijević A., Sica C. (2015). *The valorisation of vernacular farm buildings for an innovative rural tourism*. Proceedings of the 43rd Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2105, Opatija (Croatia), 24-27 February 2015. UDC 721:631.2, pp. 807-817.
- 91) Sica C., Lista A., Picuno P. (2015). *Mechanical characterization of adobe bricks: ancient constructive elements for an eco-friendly building renovation*. Proceedings of the 43rd Symposium on: "Actual Tasks on Agricultural Engineering – ATAE 2105, Opatija (Croatia), 24-27 February 2015. UDC 631.2:691, pp. 819-827.
- 92) Tortora A., Statuto D., Picuno P. (2015). *Rural landscape planning through spatial modelling and image processing of historical maps*. Land Use Policy, 46: 71-82.
- 93) Picuno P., Sica C., Dimitrijevic A., Tortora A., Capobianco R.L., Statuto D. (2015). *New Technologies for the sustainable management and planning of rural land and environment*. Book Chapter in: "The Sustainability of Agro-Food and Natural Resource Systems in the Mediterranean Basin". Springer International Publishing, pp. 321-337. DOI: 10.1007/978-3-319-16357-4_21.
- 94) Statuto D., Gatto A.G., Tortora A., Picuno P. (2014). *The use of a Geographical Information System to identify and valorize some pathways along the "Herculia Way"*. Proceedings of the International Conference on: EPR – European Pilgrimage Routes, Firenze (Italy), 4-6 December 2014.
- 95) Lista A., Gatto A.G., Sica C., Picuno P. (2014). *Mechanical characterization of constructive elements from vernacular buildings located along the "Herculia Way"*. Proceedings of the International Conference on: EPR – European Pilgrimage Routes, Firenze (Italy), 4-6 December 2014.
- 96) Statuto, D., Tortora A., Picuno P. (2014). *Spatial modeling and image processing of historical maps for rural landscape planning*. In: Proceedings of the International Conference of Agricultural Engineering- EurAgEng 2014, Zurich (Switzerland), 6-10 July 2014.
- 97) Picuno P. (2014). *Innovative Material and Improved Technical Design for a Sustainable Exploitation of Agricultural Plastic Film*. Polymer - Plastics Technology and Engineering, 53:10, 1000-1011.
- 98) Briassoulis, D., Babou, E., Hiskakis, M., Scarascia-Mugnozza G., Picuno P., Guarde, D., Dejean, C. (2013). *Review, mapping and analysis of the agricultural plastic waste generation and consolidation in Europe*. Waste Management and Research, 31 (12): 1262-1278.
- 99) Picuno P. (2013). *Innovative material and improved technical design for a sustainable exploitation of agricultural plastic film*. Proceedings of the First International Symposium on Agricultural Engineering – ISAE 2013, 4-6 October 2013, Belgrade-Zemun (Serbia), VIII 53 – VIII 67.
- 100) Sica C., Dimitrijevic A., Picuno P., Scarascia-Mugnozza G. (2013). *New secondary materials from recycled agricultural plastic films*. Proceedings of the First International Symposium on Agricultural Engineering – ISAE 2013, 4-6 October 2013, Belgrade-Zemun (Serbia), VIII 29 – VIII 39.
- 101) Lista A., Sica C., Picuno P. (2013). *Ancient roads in Southern Italy: an hypothesis of requalification for the valorisation of the rural landscape*. Proceedings of the First International Symposium on Agricultural Engineering – ISAE 2013, 4-6 October 2013, Belgrade-Zemun (Serbia), VI 45 – VI 53.
- 102) Statuto D., Tortora A., Picuno P. (2013). *Analysis of the evolution of landscape and land use in a GIS approach*. Proceedings of the First International Symposium on Agricultural Engineering – ISAE 2013, 4-6 October 2013, Belgrade-Zemun (Serbia), VI 25 – VI 33.
- 103) Ragone S., Capobianco R.L., Picuno P., Statuto D. (2013). *Substrate additive for biological depuration*. Proceedings of the First International Symposium on Agricultural Engineering – ISAE 2013, 4-6 October 2013, Belgrade-Zemun (Serbia), VI 35 – VI 43.
- 104) Sica C., Godosi Z., Picuno P. (2013). *The management of agricultural plastic packaging waste: a pilot experimentation in Southern Italy*. Proceedings of the First International Symposium on Agricultural Engineering – ISAE 2013, 4-6 October 2013, Belgrade-Zemun (Serbia), VIII 69 – VIII 76.
- 105) Lista A., Sica C., Picuno P. (2013). *Ancient roads in Southern Italy: an hypothesis of requalification for the valorisation of the rural tourism*. Proceedings of the III International Scientific Conference "Development Trends in Tourism and Hotel Management", Kotor (Montenegro), 12-13 September 2013.
- 106) Statuto D., Tortora A., Picuno P. (2013). *A GIS approach for the quantification of forest and agricultural biomass in the Basilicata region*. Journal of Agricultural Engineering, XLIV(s1):e125: 627-631.
- 107) Scarascia-Mugnozza G., Dimitrijevic A., Sica C., Picuno P. (2013). *Mechanical properties of profiles from recycled agricultural plastic waste mixed with wood powder*. In: 41st International Symposium "Actual Tasks on Agricultural Engineering". Opatija (Croatia); 19-22 February 2013. pp 405-412. ISSN 1848-4425.
- 108) Dimitrijevic A., Sica C., Picuno P., Scarascia-Mugnozza G. (2013). *Using the glass fibres in recycling agricultural plastic waste*. Poljoprivredna Tehnika (Agricultural Engineering - Scientific Journal) N. 1/2013 (38): pp. 31-38. ISSN 0554-5587, UDK 621.928.
- 109) Picuno P. (2012). *Vernacular farm buildings in landscape planning: a typological analysis in a southern Italian region*. Journal of Agricultural Engineering, XLIII:e20: 130-137.
- 110) Carbone E., Tortora A., Picuno P. (2012). *GIS Analysis for the detection of environmentally stressed zones within protected areas (in Italian)*. Proceedings of the Italian AIIA Conference on: "Rural buildings between technological development and land safeguard", Florence (Italy), 20-22 September 2012.
- 111) Ragone S., Capobianco R.L., Picuno P. (2012). *Efficiency into anaerobic digestion systems (in Italian)*. Proceedings of the Italian AIIA Conference on: "Rural buildings between technological development and land safeguard", Florence (Italy), 20-22 September 2012.
- 112) Statuto D., Tortora A., Picuno P. (2012). *Classification of land suitability to renewable energy exploitation through multi-layer grids (in Italian)*. Proceedings of the Italian AIIA Conference on: "Rural buildings between technological development and land safeguard", Florence (Italy), 20-22 September 2012.
- 113) Lista A., Sica A., Picuno P. (2012). *Bio-architecture methodologies for the sustainable recovery of rural buildings (in Italian)*. Proceedings of the Italian AIIA Conference on: "Rural buildings between technological development and land safeguard", Florence (Italy), 20-22 September 2012.
- 114) Picuno P., Scarascia-Mugnozza G., Sica C., Dimitrijevic A., Laviano R. (2012). *Experimental tests and technical characteristics of regenerated films from agricultural plastics*. Polymer degradation and stability, 97 (9): 1654-1661.
- 115) Sica C., Picuno P., Scarascia-Mugnozza G., Dimitrijevic A. (2012). *Properties of recycled plastic films obtained from protected cultivation*. Proceedings of the CIGR – AgEng Conference 2012, Valencia (Spain), 8-12 July 2012. Paper n. C-1177.

- 116) Picuno P., Tortora A., Sica C., Capobianco R.L. (2012). *New Technologies for Ecosystem Analysis Planning and Management*, Diversity of Ecosystems, Prof. Mahamane Ali (Ed.), ISBN: 978-953-51-0572-5, InTech, Available from: <http://www.intechopen.com/books/diversity-of-ecosystems/new-technologies-for-ecosystem-analysis-planning-and-management>
- 117) Sica C., Dimitrijevic A., Scarascia-Mugnozza G., Picuno P. (2012). *Technical properties of the recycled plastic films used for protected cultivation*. In: 40th International Symposium "Actual Tasks on Agricultural Engineering". Opatija (Croatia); 21-24 February 2012. pp 403-410. ISSN 1333-2651.
- 118) Picuno P., Sica C., Scarascia-Mugnozza G., Dimitrijevic A. (2011). *Mechanical and spectro-radiometrical characteristics of plastic film from agricultural recycled granule*. Poljoprivredna Tehnika (Agricultural Engineering - Scientific Journal) N. 4/2011 (36): pp. 29-37. ISSN 0554-5587, UDK 621.928.
- 119) Picuno P., Tortora A., Capobianco R.L. (2011). *Analysis of plasticulture landscapes in Southern Italy through remote sensing and solid modelling techniques*. Landscape and Urban Planning, 100 (1-2): 45-56.
- 120) Scarascia Mugnozza G., Sica C., Picuno P. (2010). Sica C., *Technical characteristics of regenerated plastic profiles produced through recycling agricultural plastic material*. Proceedings of the AgEng2010 Conference, Clermont-Ferrand (France), 6-8 September 2010, REF 424.
- 121) Briassoulis D., Hiskakis M., Scarascia Mugnozza G., Picuno P., Delgado C., Dejean C. (2010). *Labelling Scheme for Agricultural Plastic Wastes in Europe*. Quality Assurance and Safety of Crops & Foods, (2), 93-104, doi:10.1111/j.1757-837X.2010.00061.x
- 122) Briassoulis D., Dejean C., Picuno P. (2010). *Critical Review of Norms and Standards for Biodegradable Agricultural Plastics - Part II. Composting*. J Polym Environ. 18:364-383.
- 123) Picuno P., Sica C., Scarascia-Mugnozza G. (2010). *Caratteristiche meccaniche di profilati ottenuti tramite riciclaggio di film plastico agricolo*. Colture Protette, (6), 86-90.
- 124) Picuno P., Sica C., Scarascia-Mugnozza G. (2010). *La gestione dei rifiuti plastici agricoli: problematiche ambientali e soluzioni tecnologiche (Parte II)*. Colture Protette, (4), 74-77.
- 125) Picuno P., Sica C., Scarascia-Mugnozza G. (2010). *La gestione dei rifiuti plastici agricoli: problematiche ambientali e soluzioni tecnologiche (Parte I)*. Colture Protette, (3), 73-76.
- 126) P. Picuno, E. Carbone (2010). *Reti ecologiche per la riduzione della frammentazione degli habitat nelle aree protette*. Atti del Convegno AIIA-Ruralia su: "Strumenti, piani, progetti per una nuova dimensione "Urbano-rurale". Contributi dell'Ingegneria Agraria", Imola (BO), 4-5 Marzo 2010.
- 127) Sica C., Scarascia Mugnozza G., Picuno P. (2010). *Pianificazione dei sistemi di raccolta e smaltimento dei rifiuti plastici agricoli*. Atti del Convegno AIIA-Ruralia su: "Strumenti, piani, progetti per una nuova dimensione "Urbano-rurale". Contributi dell'Ingegneria Agraria", Imola (BO), 4-5 Marzo 2010.
- 128) Tortora A., Picuno P., Capobianco R.L. (2010). *Telerilevamento, GIS e modellazione 3D per l'analisi degli effetti sul paesaggio rurale di coperture in plastica*. Atti del Convegno AIIA-Ruralia su: "Strumenti, piani, progetti per una nuova dimensione "Urbano-rurale". Contributi dell'Ingegneria Agraria", Imola (BO), 4-5 Marzo 2010.
- 129) Martin-Closas L., Rojo F., Picuno P., Costa J., Pelacho A.M. (2009). *Potential of biodegradable materials for mulching as an alternative to polyethylene*. Atti del XVIII International Congress CIPA 2009 "Plastics in Agriculture", Almeria (Spagna), 23-26 Novembre 2009. Session II: Developments, Invited Conference n.3.
- 130) Picuno P., Scarascia-Mugnozza G., Sica C. (2009). *Proprietà meccaniche e radiometriche di film plastici rigenerati da granulo riciclato di origine agricola*. Proceedings of the 9th National Congress of the AIIA – Italian Association of Agricultural Engineering, Ischia Porto (NA), 12-16 September 2009. Memoria n. 5-3
- 131) Picuno P., Capobianco R. L., Tortora A. (2009) *Analisi degli effetti sul paesaggio rurale di coperture in plastica per protezione delle colture mediante telerilevamento e modellizzazione solida*. Proceedings of the 9th National Congress of the AIIA – Italian Association of Agricultural Engineering, Ischia Porto (NA), 12-16 September 2009. Memoria n. 5-4
- 132) Capobianco R. L., Picuno P. (2009). *Recupero di fabbricati rurali e ospitalità diffusa*. Estimo e Territorio, 72, (3), 34-40
- 133) Sica C., Picuno P., Scarascia-Mugnozza G. (2008). *Mechanical characterization of recycled agricultural plastic materials*. Proceedings of the AgEng2008 Congress, Crete (Greece), 23-25 June 2008.
- 134) Capobianco R.L., Picuno P. (2008). *Remote sensing and thematic mapping of protected cultivation in Southern Italy agricultural landscapes*. Proceedings of the AgEng2008 Congress, Crete (Greece), 23-25 June 2008.
- 135) Martin-Closas L., Picuno P., Rodriguez D., Pelacho A.M. (2008). *Properties of new Biodegradable Plastics for Mulching, and Characterization of its Degradation in the Laboratory and in the Field*. Acta Horticulturae, vol. 801, pp. 275-282 ISSN: 0567-7572.
- 136) Picuno P., Tortora A., Sica C. (2008). *Mechanical characterization of plastic nets for protected cultivation*. Acta Horticulturae, vol. 801, pp. 91-98 ISSN: 0567-7572.
- 137) Scarascia-Mugnozza G., Sica C., Picuno P. (2008). *The Optimization of the Management of Agricultural Plastic Waste in Italy Using a Geographical Information System*. Acta Horticulturae, vol. 801, pp. 219-226 ISSN: 0567-7572.
- 138) Sica C., Picuno P. (2008). *Spectro-radiometrical characterization of plastic nets for protected cultivation*. Acta Horticulturae, vol. 801, pp. 245-252 ISSN: 0567-7572.
- 139) Tortora A., Picuno P. (2008). *Analysis of the effect on rural landscape of wide coverings for crop growing*. Acta Horticulturae, vol. 801, pp. 325-332 ISSN: 0567-7572.
- 140) Scarascia-Mugnozza G., Picuno P. (2007). *L'e- nella modellizzazione per la ricerca, la progettazione e la gestione*. Proceedings of the AIIA 2007 Congress on: "The e- in the agricultural, forestry engineering and in the agro-food industry", Firenze (Italy), 25-26 October 2007.
- 141) Capobianco R. L., Picuno P., Marinaro M. (2006) - *Il recupero di fabbricati ed infrastrutture rurali per nuove forme di residenzialità diffusa* – Proceedings of the Ruralia National Congress on: "Forests and countryside", Nova Siri (MT), 11-14 September 2006.
- 142) Scarascia-Mugnozza G., Picuno P., Sica C. (2006). - *Innovative solution for the management of the agricultural plastic waste*. Proceedings of the CIGR International Congress, Bonn (Germany), September 2006.
- 143) Tortora A., Capobianco R.L., Picuno P. (2006). *Historical Cartography and GIS for the Analysis of Carbon Balance in Rural Environment: a Study Case in Southern Italy*. CIGR Electronic Journal, BC 06 003. Vol. VIII. August 2006.
- 144) Picuno P. (2006) – *Air permeability of nets for protected cultivation* (in Italian)– Colture Protette, 35, (5), 83-87.
- 145) Picuno P. (2005) – *Aesthetic and environmental impacts of agricultural coverings realized with permeable materials* (in Italian) – Proceedings of the AIIA2005 National Congress., Catania (Italy), 27-30 June 2005, Cod. 8007.
- 146) Scarascia-Mugnozza G., Picuno P., Sica C. – *Aspects connected with post-consume agricultural plastic film management* (in Italian) – Proceedings of the AIM technical meeting on: Plasticulture, innovation and sustainability, Bari (Italy), 12 February 2005.
- 147) Masini P., Picuno P. (2004) – *A review of numerical simulation developments in fire safety engineering* – Proceedings of the International Technical Congress on: "Computational simulation models in fire engineering and research", Santander (Spain), 20 October 2004.
- 148) Picuno P., Scarascia-Mugnozza G. (2004) – *Gestion des Plastiques Agricoles Usagés en Italie* – Proceedings of the CPA Commission "Plastique et Horticulture", Nice (France), 29-30 April 2004.
- 149) Picuno P., Sica C. (2004) – *Mechanical and spectro-radiometrical characteristics of agricultural recycled plastic films* – CIGR Electronic Journal, Manuscript BC 04 001. Vol. VI. April 2004.
- 150) Capobianco R.L., Tortora A., Picuno P. (2004) - *Analysis of rural land, environment and landscape through spatial modelling techniques and hystorical cartography image processing* (in Italian)– Rivista di Ingegneria Agraria, 35, (3), 71-77.
- 151) Vox G., Scarascia Mugnozza G., Picuno P. (2003) – *Natural ventilation as a management tool for the optimisation of greenhouse operation control*. – Proceedings of the XXX International CIOSTA - CIGR V Congress: "Management and technology applications to empower agriculture and agro-food systems", Torino (Italy), 22-24 September 2003, pp 840-847.
- 152) Tortora A., Capobianco R.L., Picuno P. (2002) – *Analysis of land evolution and its repercussion on rural environment by means of hystorical cartography*. – Proceedings of the 6th National Conference of the ASITA – Scientific Associations for Land and Environmental Information, Perugia (Italy), 5-8 Nov. 2002
- 153) Scarascia Mugnozza G., Vox G., Picuno P. (2002) – *Turbulent airflow in a naturally ventilated greenhouse investigated with a three-dimensional sonic anemometer*. – Proceedings of the AgEng 2002 Conference, Budapest (Hungary), 30 June - 5 July 2002, Vol. 2, 170-171.
- 154) Godosi Z., Picuno P. (2002) – *The role of rural roads for the sustainable development of agriculture* (in Italian). –Estimo e Territorio, 65, (1), 57-64.
- 155) Manera C., Picuno P., Margiotta S., Gatta G. (2001) – *The role of environmental factors on the degradation of agricultural plastic film*. - Proceedings of the International Workshop on: "Greenhouse design and crops engineering", Vieste (Italy), 14 September 2001 (in printing).

- 156) Scarascia Mugnozza G., Vox G., Picuno P. (2001) – *Greenhouse airflow ventilation analysis by means of a sonic anemometer*. – Proceedings of the International Workshop on: “Greenhouse design and crops engineering”, Vieste (Italy), 14 September 2001 (in printing).
- 157) Manera C., Picuno P., Sica C. (2001) – *Recycled agricultural film as an alternative material for rural construction*. – Proceedings of the Agribuilding 2001 Congress, Campinas (Brasil), 3-7 September 2001 242-248.
- 158) Manera C., Picuno P., Tortora A. (2001) – *The utilisation of a geographical information system (GIS) for the valorisation of typical products from marginal areas*. – Proceedings of the Agribuilding 2001 Congress, Campinas (Brasil), 3-7 September 2001, 223-233.
- 159) Scarascia Mugnozza G., Mistriotis A., Picuno P. (2001) – *Greenhouse natural ventilation: review of numerical methods and analysis of ventilation efficiency*. – Rivista di Ingegneria Agraria, 32, (1), 11-19.
- 160) Manera C., Picuno P., Sica C. (2000) - *Mechanical characteristics of bars from recycled EVA films*. (in Italian) - Proceedings of the National Congress of Section 2 of A.I.I.A. (Italian Association of Agricultural Engineering), Matera, 14-17 June 2000, 73-78.
- 161) Manera C., Picuno P., Tortora A. (2000) - *The use of G.I.S. for the analysis of rural land and the optimisation of cheese production in marginal areas* (in Italian) - Proceedings of the National Congress of Section 2 of A.I.I.A. (Italian Association of Agricultural Engineering), Matera, 14-17 June 2000 397-406.
- 162) Picuno P. (2000) - *Engineering characteristics of new and degradable plastic films*. (in Italian) - Proceedings of the National Congress of Section 2 of A.I.I.A. (Italian Association of Agricultural Engineering), Matera, 14-17 June 2000, 5-19.
- 163) Margiotta S., Picuno P., Di Muro E. (2000) – *Use of G.I.S. for the analysis of rural land modification induced by infrastructure realization*. (in Italian) – Estimo e Territorio, 63, (7/8): 29-36.
- 164) Candido V., Miccolis V., Gatta G., Margiotta S., Picuno P., Manera C. (2000) – *The effect of soil solarization and protection techniques on yield traits of melon in unheated greenhouse*. – Proceedings of the ISHS International Symposium on: “Protected cultivation in mild winter climates: current trends for sustainable technologies”, Cartagena-Almeria (Spain), 7-11 March 2000, Acta Horticulturae n° 559, (2), 705-712.
- 165) Manera C., Margiotta S., Picuno P., Preziosa P. (2000) – *Mechanisms of ageing of plastic films for protected cultivation*. (in Italian) - Proceedings of the Workshop on: “Protected cultivation: agronomical, land and technical-constructive aspects”, Ragusa, 24-26 June 1999, 289-305.
- 166) Manera C., Margiotta S., Picuno P., Gatta G. (1999) – *Mulching tests with the use of new, photo and bio-degradable films*. (in Italian) - Proceedings of the Workshop on: “Protected cultivation: agronomical, land and technical-constructive aspects”, Ragusa, 24-26 June 1999, 339-349.
- 167) Scarascia Mugnozza G., Vox G., Picuno P. (1999) – *Land analysis methodologies in relation to the use of plastics for the protected cultivation*. (in Italian) – Proceedings of the Workshop on: “Protected cultivation: agronomical, land and technical-constructive aspects”, Ragusa, 24-26 June 1999, 313-326.
- 168) Manera C., Margiotta S., Picuno P. (1998) - *Innovative/biodegradable plastic films for protected cultivation*. (in Italian) - Colture Protette, 28, (4), 59-64.
- 169) Scarascia Mugnozza G., Picuno P., Vox G., Russo G. (1998) - *Criteri per il recupero e il riuso del patrimonio edilizio nel territorio alpino. Il caso delle malghe nella Provincia di Trento*. (in Italian) - Estimo e Territorio, 62, (2), 19-29.
- 170) Manera C., Margiotta S., Picuno P. (1998) - *Technological systems efficiency in intensive livestock buildings*. (in Italian) - Rivista di Ingegneria Agraria, 29, (4), 202-208.
- 171) Mistriotis A., Picuno P., Bot G.P.A., Scarascia Mugnozza G. (1997) - *Computational study of the natural ventilation driven by buoyancy forces*. – Proceedings of the IFAC Workshop on: “Mathematical and control applications in agriculture and horticulture”, Hannover (Germany), 28 September - 2 October 1997, 67-72.
- 172) Mistriotis A., Arcidiacono C., Picuno P., Bot G.P.A., Scarascia Mugnozza G. (1997) - *Computational analysis of the natural ventilation in greenhouses at low and zero wind speeds*. - Agricultural and Forest Meteorology, 88, 121-135.
- 173) D'Antonio P., Picuno P., Scarascia Mugnozza G. (1997) - *Experimental analysis on wire stress in vineyard supporting structures*. (in Italian) - Proceedings of the VI National Congress of A.I.I.A. (Italian Association of Agricultural Engineering), Ancona (Italy), 11-12 September 1997, Vol. 2, 115-127.
- 174) Scarascia Mugnozza G., Picuno P. (1997) - *The optimization of greenhouse ventilation with numerical simulation for a sustainable agriculture*. (in Italian) - Proceedings of the VI National Congress of A.I.I.A. (Italian Association of Agric. Engineering), Ancona (Italy), 11-12 September 1997, Vol. 2, 95-105.
- 175) Manera C., Margiotta S., Picuno P., Scarascia Mugnozza G. (1997) - *Recycling of post-consume plastic films for the realization of structures for agricultural purposes*. (in Italian) - Proceedings of the VI National Congress of A.I.I.A. (Italian Association of Agricultural Engineering), Ancona (Italy), 11-12 September 1997, Vol. 2, 53-64.
- 176) Mistriotis A., Bot G.P.A., Picuno P., Scarascia Mugnozza G. (1997) - *Analysis of the efficiency of greenhouse ventilation with computational fluid dynamics*. - Agricultural and Forest Meteorol, 85, 217-228.
- 177) Manera C., Margiotta S., Picuno P., Scarascia Mugnozza G. (1997) - *Mechanical characteristics of recycled plastic posts for agricultural light structures*. - Plasticulture, 114, (2), 5-14.
- 178) Manera C., Margiotta S., Picuno P. (1996) - *Fluid dynamic analysis of ventilation in livestock buildings* - Proceedings of the AAAE International Agricultural Engineering Conference, Pune (India), 9-12 December 1996, 1021-1029.
- 179) Picuno P. (1996) - *Greenhouse natural ventilation: airflow rate calculation and plant efficiency*. (in Italian) - Colture Protette, 25, (9), 127-133.
- 180) Bot G.P.A., Boulard T., Mistriotis A., Papadakis Y., Picuno P., Scarascia Mugnozza G. (1996) - *New techniques in greenhouse ventilation analysis* - Proceedings of the AgEng 96 International Congress, Madrid (Spain), 23-26 September 1996, Vol. 1, 392-393.
- 181) Scarascia Mugnozza G., Russo G., Vox G., Picuno P. (1996) - *Recovery and re-use of hut buildings for environment and Alpine land protection*. - Proceedings of the C.I.G.R. International Congress on “New uses for old rural buildings in the context of landscape planning”, Piacenza (Italy), 20-21 June 1996, 77-87.
- 182) Manera C., Scarascia Mugnozza G., Picuno P. (1996) - *The effects of greenhouse diffusion in high environmental sensitivity areas*. Proceedings of the 3rd Italian-Brazilian Symposium of Environmental Engineering, Gramado (Brazil), 9-13 June 1996.
- 183) Dal Sasso P., Picuno P. (1996) - *The functional recovery of agro-industrial buildings of historical value in the territorial context*. (in Italian) - Rivista di Ingegneria Agraria, 27, (2), 111-121.
- 184) Manera C., Margiotta S., Picuno P. (1996) - *Mulching plastic film mechanical characteristics*. (in Italian) - Colture Protette, 25, (5), 77-81.
- 185) Scarascia Mugnozza G., Picuno P., D'Antonio P. (1995) - *Typological and structural characteristics of vineyard “tendone” pergola growing system*. (in Italian) - Proceedings of the National Congress on: “Il vino e l'olio; la meccanizzazione, l'imprenditorialità ed il mercato”. Trapani (Italy), 20 - 23 June 1995, 80-89.
- 186) Picuno P., Godosi Z. (1995) - *The control of ventilation system efficiency by fluid dynamic analysis*. (in Italian) - Rivista di Suinicoltura, 36, (3), 71-80.
- 187) Scarascia Mugnozza G., Mele G., Picuno P. (1994) - *Agricultural plastic wastes management in the Metaponto Region: some operating proposals*. (in Italian) - Genio Rurale, 57, (12), 21-29.
- 188) Picuno P., Scarascia Mugnozza G. (1994) - *The management of agricultural plastic film wastes in Italy*. - Proceedings of the International Agricultural Engineering Conference, Bangkok (Thailand), 6-9 December 1994, 797-808.
- 189) Manera C., Picuno P., Margiotta S. (1994) - *Environmental pollutants generation in swine confinement buildings relating to manure handling*. - Proceedings of the EurAgEng International Conference, Milano (Italy), 29 August - 1 September 1994, Vol. 1, 233-234.
- 190) Scarascia Mugnozza G., Picuno P., Vox G. (1994) - *The influence of physical properties on installation techniques of EVA monolayer films for greenhouses*. (in Italian) - Scienza Tecnica agraria, 34, (3-4), 11-22.
- 191) Picuno P., Scarascia Mugnozza G. (1994) - *Experimental tests on concrete posts for vineyard supporting structures*. (in Italian) - Rivista di Ingegneria Agraria, 25, (1), 34-41.
- 192) Scarascia Mugnozza G., Picuno P. (1993) - *Thermographic analysis of stretched plastic materials for greenhouse coverings*. (in Italian) - Colture Protette, 22, (10), 77-82.
- 193) Picuno P. (1993) - *Fluid dynamic analysis of ventilation system in livestock buildings*. (in Italian) - Proceedings of the V National Congress of A.I.G.R. (Italian Association of Agricultural Engineering), Maratea (Italy), 7-11 June 1993, Vol. 3, 145-152.
- 194) Manera C., Picuno P., Margiotta S. (1993) - *The influence of ventilation and manure handling on air pollution and animal production in swine confinement buildings*. (in Italian) - Proceedings of the V National Congress of the A.I.G.R. (Italian Association of Agricultural Engineering), Maratea (Italy), 7-11 June 1993, Vol. 3, 87-194.
- 195) Manera C., Picuno P., Scarascia Mugnozza G. (1993) - *Tensile tests on new and aged greenhouse plastic materials*. (in Italian) - Proceedings of the V National Congress of A.I.G.R. (Italian Association of Agricultural Engineering), Maratea (Italy), 7-11

- June 1993, Vol. 3, 67-72.
- 196) Picuno P., Scarascia Mugnozza G. (1993) - *Experimental tests of soil solarization inside greenhouses*. (in Italian) - *Culture Protette*, 22, (3), 87-92.
 - 197) Scarascia Mugnozza G., Picuno P., Russo G. (1992) - *Analysis of greenhouse internal microclimate in relation with covering temperature*. (in Italian) - *Culture Protette*, 21, (11), 121-125.
 - 198) Pallara A., Picuno P. (1992) - *The influence of double-layer coverings on greenhouse microclimate*. (in Italian) - *Culture Protette*, 21, (11), 105-109.
 - 199) Scarascia Mugnozza G., Picuno P. (1992) - *Soil solarization tests by mulching with transparent plastic films*. (in Italian) - *Culture Protette*, 21, (9), 121-126.
 - 200) Scarascia Mugnozza G., Picuno P., Russo G. (1992) - *The use of innovative plastic films for greenhouse coverings in Mediterranean Countries*. - Proceedings of the International Conference on Agriculture Engineering - AgEng. Uppsala (Sweden), 1-4 June 1992, 553-554.
 - 201) Scarascia Mugnozza G., Picuno P. (1991) - *Structural design of grape pergola: tests on materials and calculation methods*. (in Italian) - *Rivista di Ingegneria Agraria*, 22, (4), 208-217.
 - 202) Manera C., Picuno P., Margiotta S. (1991) - *Air pollution in swine confinement buildings*. (in Italian) - Proceedings of the 3° Seminar on: "Insediamenti zootecnici e protezione dell'ambiente", Udine (Italy), 25-27 September 1991, 107-118.
 - 203) Picuno P., Scarascia Mugnozza G., Vox G. (1991) *The design of automatic systems for greenhouse control and management*. (in Italian) - Proceedings of the 2° National Congress on: "Il vivaismo orticolo", Foggia (Italy), 2-4 May 1991, 97-108.
 - 204) Scarascia Mugnozza G., Picuno P. (1991) - *Computer control of greenhouses: experimental tests on present realizations and management forecasting criteria*. (in Italian) - *Culture Protette*, 20, (2), 139-144.
 - 205) Scarascia Mugnozza G., Picuno P. (1990) - *The effect of solar radiation on the thermal properties of greenhouse-covered soil*. (in Italian) - *Rivista di Ingegneria Agraria*, 21, (3), 158-171.
 - 206) Manera C., Picuno P., Scarascia Mugnozza G. (1990) - *Analysis of nocturnal microclimate in single skin cold greenhouses in Mediterranean countries*. *Acta Horticulturae* n°281/90, 47-56.
 - 207) Picuno P., Scarascia Mugnozza G. (1990) - *The effect of plastic covers for vine cultivations on rural environment*. (in Italian) - Proceedings of the 2nd Seminar of the 2nd Section of A.I.G.R. (Italian Association of Agricultural Engineering), Città della Pieve (Italy), 7-8 June 1990, 505-514.
 - 208) Manera C., Minichilli M., Picuno P. (1990) - *The rural house in Basilicata Region: a typological analysis with the use of terrestrial photogrammetry*. (in Italian) - Proceedings of the 2nd Seminar of the 2nd Section of A.I.G.R. (Italian Association of Agricultural Engineering), Città della Pieve (Italy), 7-8 June 1990, 115-129.
 - 209) Manera C., Picuno P., Scarascia Mugnozza G. (1989) - *Mathematical forecasting model of nocturnal microclimate in single skin cold greenhouses*. (in Italian) - *Culture Protette*, 18, (10), 81-88.
 - 210) Manera C., Scarascia Mugnozza G., Picuno P. (1989) - *Greenhouse plastic materials performance in relation with thermoelasticity and weathering*. (in Italian) - *Culture Protette*, 18, (8-9), 103-109.
 - 211) Scarascia Mugnozza G., Manera C., De Luca V., Picuno P. (1989) - *Analysis of funicular structures and tests on materials for specialized arboreal cultivations*. - Proceedings of the 11° International Congress of C.I.G.R., Dublin (Ireland), 4-8 September 1989, 1183-1190.
 - 212) Scarascia Mugnozza G., Manera C., De Luca V., Picuno P. (1988) - *Funicular structures for specialized arboreal cultivations*. (in Italian) - Proceedings of the IV National Congress of AIGR (Italian Association of Agricultural Engineering), Alghero (Italy), 4-6 May 1988, 448-454.

INSERIMENTO IN ALBI DI VALUTATORI DI PROGETTI DI RICERCA

-) Refero di Progetti di Ricerca di Interesse Nazionale (PRIN) del Ministero Università e Ricerca dall'Anno 1996.
-) Refero dell'Unione Europea dall'Anno 2001 nell'ambito del 5° Programma Quadro di Ricerca Scientifica e Tecnologica e dal 2007 nell'ambito del 7° Programma Quadro di Ricerca Scientifica e Tecnologica (n°EX2006C118451)
-) Membro della "Long List" di Esperti in Cooperazione Internazionale della Regione Basilicata.
-) Membro del Roster di esperti individuali per azioni di internazionalizzazione dell'economia e della cultura delle Regioni Obiettivo Convergenza del Ministero Affari Esteri.
-) Esperto in procedure di elaborazione, gestione ed implementazione di progetti comunitari presso il Settore Mediterraneo della Regione Puglia
-) Componente dei Gruppi di esperti per la valutazione di progetti "Collaborative and Knowledge-building", per il Consiglio Nazionale delle Ricerche della Norvegia (2023).
-) Membro del gruppo di esperti internazionali per il progetto "Collective scientific assessment project on the use, properties and impacts of plastics of the agri-food sector according to their composition - CSA plastics PAF" per il CNRS (Consiglio Nazionale delle Ricerche Francese) e l'INRAE-DEPE (Institut National de la Recherche Agronomique - Directorate for Expertise, Foresight and Advanced Studies) (2023).

PATENTE O PATENTI

Patente automobilistica B

ALTRE DIFFERENTI COMPETENZE

Sport: Basket-ball, wind-surfing, Calcio.

ALLEGATI

Il presente Curriculum viene presentato sotto forma di dichiarazione sostitutiva di certificazione e atto di notorietà, ai sensi degli articoli 46, 47 e 48 del decreto del Presidente della Repubblica 28 dicembre 2000, n.445.

Il Sottoscritto Prof. Ing. Pietro PICUNO autorizza ai sensi della vigente Normativa il trattamento dei dati contenuti nel presente Curriculum ai soli fini per i quali esse viene trasmesso.

Potenza, 20 Settembre 2023

In Fede
(Prof. Ing. Pietro PICUNO)