



Name/surname: Maura Calliera
email: maura.calliera@unicatt.it
Nationality: Italian
Date of Birth: 20.04.1967
Gender: Female
Occupational field: Sustainable agriculture, pesticide exposure and environmental risk assessment
Type of business or sector: Research

Work experience:

Date: from 2004 to now

Name and address of employer:

Università Cattolica Sacro Cuore, Dipartimento di Scienze e Tecnologie alimentari per una filiera Agro-alimentare Sostenibile(DiSTAS), Via Emilia Parmense 84, Piacenza

Occupation or position held: Contract researcher

Main activities and responsibilities

Recently research activities focused on:

- link practical oriented research and education, development of innovative training tools for sustainable use of pesticide, evaluation of behavior's and human perception and their influence on pesticide exposure, Responsible Research and Innovation (RRI).
- development of Guidelines for Sustainable Use of Pesticide in a multi-stakeholder process.

Actually Involved

In the **European** project

H2020 **WATERPROTECT** (Project ID: 727450) Innovative tools enabling drinking WATER PROTECTION in rural and urban environments in the Work Package related to Good management Practice and mitigation measures and Policy (https://cordis.europa.eu/project/rcn/210492_it.html)

in **national/regional** projects

- 2018-2019 **TRAINAGRO** " TRAsferimento delle conoscenze e dell' INnovazione nell'uso sostenibile dei pesticidi in AGRicoltura (Transfer of knowledge and innovation for the sustainable use of pesticides in agriculture) financed by Regione Lombardia FEASR – program of Rural Development 2014-2020 Misura 1 Trasferimento di conoscenze e azione di informazione SOTTOMISURA 1.2 – "Sostegno a attività dimostrative e azioni di informazione" OPERAZIONE 1.2.01 – "Progetti dimostrativi e azioni di informazione"
- 2017-2019 **ANAPNOI**- "Healthy breathing for well ageing" for the evaluation of human perception of pesticide exposure. Project type D3.2 promoted by Università Cattolica Sacro Cuore that involve researchers from university sites of Brescia, Milano, Piacenza e Roma.
- 2017-2019 **CSR Lab Emilia** Ovest project aimed at supporting actions for the dissemination and promotion of social responsibility (CSR) of companies in the agri-food chain. Launched in the Piacenza area by the Municipality of Piacenza and promoted by the Emilia Romagna Region.

I was involved in the **European projects** listed below:

- EU ERASMUS+ project **SUPTraining** (Project id 2014-1-FR01-KA202-008754) for the Development of an e-learning platform for the sustainable use of pesticides
- EU FP7 project **GLOBALQUA** (Project ID: 603629) on Managing the effect of Multiple Stressors On Aquatic ecosystems Under Water Scarcity in the project tasks on policy, as member of the university spin off Aeiforia scientific team.
- EU FP7 project **BROWSE** (Project ID: 265307) "Exposure models to assess the risks to operators, workers, residents and bystanders from exposure to plant protection products (PPPs). This project Involve all relevant stakeholders and end-users and take full account of relevant gender issues in the development of new and improved assessment methods and policy tools addressing exposure of operators, workers, residents and bystanders to PPPs.

- EU FP7 **HEROIC** (Project ID: 282896) project that aims to establish and co-ordinate a global network of European and international experts and stakeholders from different disciplines to establish stronger interfaces between human and environmental Risk Assessment (RA), between RA and risk management and between the various agencies, and countries within the EU and between agencies and industry for better sharing of knowledge, building consensus and development of -clear, easily understood, transparent and unambiguous integrated RA procedures
- -EU FP7 **PreSto ERA net** (Project ID: 612739) Preparatory steps towards a GMO research ERA-Net aimed to map out the steps needed to create and successfully implement an ERA-Net that will coordinate transnational research on the effects of genetically modified organisms (GMOs) in the areas of human and animal health, the environment, and techno- economics and societies.
- EUFP6 **HAIR Project** (Project ID: 501997) Development of new time trend indicators to assess the human and environmental risks associated with the use of plant protection products, xenobiotics fate and risk assessment
- EUFP6 **ALARM** (Project ID: 506675) Assessing LArge scale Risk for biodiversity with tested Methods-Involved in the Environmental chemicals research modules in the Università Bicocca research team.

Other projects and collaborations

-collaboration with Hydrotex GmbH for the redaction of a report commissioned by UBA on **environmental risks from the use of biocides**: Environmental sound use of disinfectants, masonry preservatives, and rodenticides

Investigation of the **potential glyphosate groundwater contamination** in Lombardia region (North Italy) in collaboration with Aeiforia srl, spin off of Catholic University

TransNational Cooperation project (**TNC**) together with representatives of France, Spain, Greece and Bulgaria in the framework of **LEADER** axis for the creation of a network of Emblematic Mediterranean Mountains.

Other working experience

-Senior Scientist of OPERA, the research centre on sustainable development of Università Cattolica del Sacro Cuore

-Collaboration with NGO PiacereCiboSano to promote a new **sustainable culture of the territory starting from the local agro-food chains**.

-Consultant

Principal subjects/occupational skills covered: Review of some active substances for the inclusion in annex I for the area fate and behaviour and participation to several EFSA EPCO Expert meeting – section fate and behaviour

Name and type of organisation: Centro Valutazione Rischio Tossicologico” (University of Milano)

Main teaching

At european level

- 2019 - Tutor in the European Commission Better Training For Safety Food Training (BTSF) course on Plant Protection Products:
 - 1-Eco-toxicological risk assessment on the environmental fate and behaviour in soil, air and water In Copenaghen (Dk) and Bruxelles (B)
 - 2-Risk Assessment of efficacy of plant protection products in Perugia (It)
 - 3-Eco-toxicological risk assessment in Aveiro (P)

Topics covered: environmental exposure and mitigation measure.

Name and type of organisation: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

- 2017 in the European Commission's DG Neighbourhood and Enlargement Negotiations within the framework of the TAIEX Instrument Workshop on Capacity Building on Sustainable Use of Pesticides, Podgorica, Montenegro

- 2016 in the EU funded Twinning project MK10/IB/AG01 in Macedonia ,Component 3: Further Improvement of the Phytosanitary system in the country; strengthening the capacities for plant health and control of plant protection products and,

At university level

2018/2019 Esercitazioni corso Agrofarmaci ed ecotossicologia -" Facoltà di Scienze Agrarie Alimentari e Ambientali Università Cattolica Sacro Cuore 24 ore

2016/2017 Nomina Cultore della materia in "Agrofarmaci ed ecotossicologia -" Facoltà di Scienze Agrarie Alimentari e Ambientali Università Cattolica Sacro Cuore

2015 Incarico di affidamento per il corso di perfezionamento in "Sicurezza degli Alimenti"- Università Cattolica Sacro Cuore Facoltà di Scienze Agrarie e Alimentari e Ambientali - 6 ore

2011/12- 2012/2013 nomina a Cultore delle materia in " Valutazione del rischio negli alimenti " facoltà di Agraria Università Cattolica Sacro Cuore

2012-2013 Esercitazioni in "Valutazione del rischio negli alimenti" Università Cattolica Sacro Cuore - Facoltà di Agraria laurea magistrale in Scienze e Tecnologie Alimentari 12 ore

2011-2012 Esercitazioni in "Valutazione del rischio negli alimenti" Università Cattolica Sacro Cuore - Facoltà di Agraria -laurea magistrale in Scienze e Tecnologie Alimentari 16 ore

2011 incarico di Docenza in corso post laurea per Ordine dei Dottori Agronomi e dei Dottori Forestali della Provincia di Potenza (DAFP) su "Uso sostenibile agrofarmaci in agricoltura "- presso Università degli Studi Basilicata- Dipartimento di Scienze dei Sistemi colturali, forestali e dell’Ambiente, 9 ore

2003-2004 Esercitazioni in Ecotossicologia -Università Milano Bicocca 32 ore

Others teaching

from 2016 to now Teaching on pesticide comparative assessment, Eu and National laws from the Sustainable Pesticide Use Directive perspective in: Regional courses for the compulsory professional pesticide users advisors and distributors certificate of competence. Milano and Cremona

2013 Trainer in short course on "Pesticide Risk Evaluation for Operators in Greenhouses", PSR (rural development plan) 2007-2013 – Regione LIGURIA, Italy

2012 Secondary school Trainer in the project "iPack - Paradoxes and myths of the sustainability era (Sprim Italia)"

2009 Trainer in Short course on Environmental Risk Indicators for ARPAT (Agenzia Regionale Ambiente Toscana)

2007 Lecturing in "Merceologia" for Camera Commercio di Torino

Education and training

Dates 1996

Title of qualification awarded: Degree in Agricultural Sciences

Principal subjects/occupational skills covered: Thesis focused on a fugacity model validation to predict organic pesticide pollution from agricultural practice in surface water. Title “The soilfug model application and validation at basin scale”

Name and type of organisation providing education and training: University of Milan

Dates 1997-1998

Title of qualification awarded: postgraduate grant Fondazione Lombardia per l’Ambiente

Principal subjects/occupational skills covered: Relationship between environmental pollution and food chain

Name and type of organisation providing education and training: University of Milan Bicocca, Department of Environmental Science and Landscape

Dates 1998-2000

Title of qualification awarded: International Centre For Pesticide Safety (ICPS) postdoc grant

Principal subjects/occupational skills covered: Development of a GIS-based methodology to estimate and mapping the ecotoxicological risk by pesticide to surface water at main watershed scale

Name and type of organisation providing education and training: University of Milan and Bicocca, Department of Environmental Science and Landscape

Dates 2004-2006

Title of qualification awarded: research contract

Principal subjects/occupational skills covered: Development of a new indicator for monitoring pesticide risk trends attributable to dietary pesticide exposure at various geographical and temporal scales. HAIR project Harmonized environmental Indicators for Pesticide Risk. EU contract FP6-2002-501997-SSP-1.

Name and type of organisation providing education and training: Università Cattolica Sacro Cuore, Istituto di Chimica Agraria ed Ambientale

Training: Other Short term formation and courses

-European Commission Better Training For Safety Food course on Plan Protection products, 09-12-May 2016, 25 hours Lisbon

-Ministero Ambiente e Tutela Territorio e Mare , OPERA e Università Cattolica Sacro Cuore Course on VIVA sustainable wine , 16-19 May 2016, Piacenza

-Short course on Pesticides Residues Acute and Chronic risk . The EFSA evaluation model Istituto Superiore di Sanità, Roma 8 ore

-Summer school in "Pesticide Science", GRIFA (gruppo ricerca italiano fitofarmaci e ambiente), Università Cattolica del Sacro Cuore, 2006, Marina di Orosei 28 ore

-June 2005 Summer school in "Pesticide Science", GRIFA (gruppo ricerca italiano fitofarmaci e ambiente), Università Cattolica del Sacro Cuore, 2005, Villasimius 28 ore

-14 al 27 June 1998 Summer School for "Multidisciplinary Assessment of Contaminants in the Environment and of Risks for Human Health", Certosa di Pontignano, CNR and Univ. degli Studi di Siena

-Short course on "Capillar Gas Chromatography" , Restek Corporation, CNR Milano

Personal skills and competences

Mother tongue(s) Italian

Other language(s) English

Self-assessment	Understanding		Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production	
	English		C1		B2		B2	

European level
(**Common*
[European Framework of Reference for Languages](#))

Others Social skills and competences

Interdisciplinary. Team oriented, capacity to adapt to multicultural environment, good communication skills
3 years President of retailers association (Associazione commercianti) of the city of Ivrea

Co-founder and Board Secretariat of "Ristoratori della Tradizione del Canavese" an association aimed to valorise the quality and tradition of local food , local production and prouddness, and knowledge sharing.

Organisational skills and competences: Attention to details, attitude towards positive relationships, good organization capacity.

-Organisation and Congress Secretariat Setac Europe Workshop: The Role of High Mountains in the Global Transport of POPs. Milan Italy

-Organisation and Congress Secretariat of the first Eu project ALARM (Assessing Large scale environmental Risk for biodiversity with tested Methods) Project workshop of Chemicals Fate group in Milan (Bicocca University)

-Editor, Organisation and Congress Secretariat of the Annual Conference of the Mediterranean Group of Pesticide Residue (MGPR) in Piacenza

Technical skills and competences: Good knowledge in laboratory methods for chemical analysis.

Good knowledge in using GC-MSr

Computer skills and competences: Good knowledge of applications within MS Office, Windows, Adobe, etc. and basic knowledge of use of custom web applications builder

Driving licence B

PUBLICATIONS:
MAIN PAPERS ON
INTERNATIONAL
PEER REVIEWED
JOURNALS or MAIN
POSTER IN
INTERNATIONAL
CONGRESS

- Maura Calliera, Gloria Luzzani, Gabriele Sacchettini, Ettore Capri, *Residents perceptions of non-dietary pesticide exposure risk. Knowledge gaps and challenges for targeted awareness-raising material in Italy.* Science of the Total Environment 685 (2019) 775–785
- Sacchettini, G., Calliera, M., *Link practical-oriented research and education: New training tools for a sustainable use of plant protection products*, Sci Total Environ (2016), <http://dx.doi.org/10.1016/j.scitotenv.2016.10.166>
- Maura Calliera, Alex Marchis, Gabriele Sacchettini & Ettore Capri, (2016) Stakeholder consultations and opportunities for integrating socio- behavioural factors into the pesticide risk analysis process, *Environmental Science and Pollution Research*, 23 (3), 2937-2947 [10.1007/s11356-015-5553-9](https://doi.org/10.1007/s11356-015-5553-9)
- Sacchettini G., Calliera M., Marchis A., Glas R., Butler-Ellis C.; Machera K.; Gerritsen-Ebben R., Spanoghe, P.; Capri E., New Risk indicators for Operators, Workers, Bystanders and Residents for a sustainable use of plant protection products, *Environ Sci Pollut Res* DOI 10.1007/s11356-015-4889-5, published on line 05 July 2015
- Ana Masiá, Yolanda Picó, Maura Calliera, Ettore Capri, Lucrezia Lamastra, Federico Ferrari. Integrated forecasting models of pesticide concentrations and environmental monitoring campaigns. Contribution to Sciences, Vol 10, No 2 (2014) pag 151-160 doi:10.2436/20.7010.01.199 SSN: 2013-410X (electronic edition); 1575-6343 (print edition)
- Wilks MF, Roth N, Aicher L, Faust M, Papadaki P, Marchis A, Calliera M, Ginebreda A, Kühne R, Schüürmann G. White paper on the promotion of an integrated risk assessment concept in European regulatory frameworks for chemicals, (2015) *Science of the Total Environment* 521–522 pages 211–218.
- M. Calliera, F. Berta, P. Meriggi, R. Rossi, T. Galassi, F. Mazzini, A. Bernard, R. Bassi, Di Guardo, A. Marchis and E. Capri, 2013, Tools to enhance knowledge on sustainable use of Plant Protection Products within the framework of the Sustainable Use Directive, *Pest Management Science*, Volume 69, Issue 8, pages 883–888.
- G.Sacchettini, M.Calliera, A. Marchis. L. Lamastra and E.Capri, 2012, The stakeholder consultation process in developing training and awareness raising material within the framework of the Eu directive on Sustainable Use of Pesticide: the case of Eu project BROWSE, *Science of the Total Environment*, 438; 278-285
- M.Calliera, A.Marchis, S.Bollmhor, G.Sacchettini, E.Capri, 2012, A process to provide harmonised criteria for the selection of indicators for pesticide-risk reduction, within the framework of the sustainable-use directive, *Pest Manag Science* Vol 69, Issue 4, 451-456.
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- Calliera M., Finizio A., Azimonti G., Benfenati E., Trevisan M., 2006. Harmonised Pesticide Risk Trend Indicator for Food (HAPERITIF): The methodological approach., *Pest Manag Science*, 62, 1168-1176.
- Verro R., Calliera M., Maffioli G., Auteri D, Sala S., Vighi M., 2002. GIS-Based System for Surface Water Risk Assessment of Agricultural Chemicals. 1. Methodological approach., *Environ. Sci. Technol.* 2002, 36, 1532-1538
- Finizio A., Calliera M., Vighi M., 2001. Rating systems for pesticide risk classification on different ecosystems, *Ecotoxicology and Environmental Safety* 49, 262-274.
- Notarianni V., Calliera M., Tremolada P, Finizio A., Vighi M, 1998. PCB distribution in soil and vegetation from different areas in Northern Italy, *Chemosphere* 37, 2839-2845.
- Calliera M., R.Verro, G.Maffioli, Auteri D, 2002. GIS Based approach to predict agricultural No Point Source (NPS): the pesticide case, *Pesticide Safety News*, vol 5, number 3, I trimester.

PAPERS ON
NATIONAL PEER
REVIEWED JOURNALS

- M.Calliera, Biodepurazione, un nodo normativo da sciogliere, in **Terra è vita** del 03/12/2017
- M.Calliera Gli insetti, una fonte proteica alternativa per la zootecnia, in **Terra è Vita** n.38/2015
- M.Calliera Più responsabilità nelle scelte, in **Terra è vita** n. 29/30-2015
- M.Calliera, T.Galassi I Piani di Azione Nazionali (PAN) e lo sviluppo di linee guida per un uso sostenibile degli agro farmaci, **VQ vite**, vino e qualità, Tecniche Nuove, Marzo 2011
- F.Berta, M.Calliera, T.Galassi. Fitosanitari e linee guida per un uso sostenibile, **Ambiente** 3, 2011
- Mattera E., Calliera M.; Balderacchi M., Bassi R., Bernard A., Berta F., 2009. La Strategia tematica per l'uso sostenibile dei prodotti fitosanitari: studio di applicabilità nel contesto agricolo italiano, in **Terra e Vita**, 20 33-34.
- Calliera M., Finizio A., Capri E., 2009. The implementation of Water Framework Directive (WFD 2000/60/CE) in Europe: ideas for monitoring and resource management, in **Biologi Italiani** 9, 83-87.
- Capri E., Calliera M., Trevisan M., 2008. Evaluation of contamination risk from vegetal products, in **Biologi Italiani**, 5 XLVIII-LI.
- Calliera M., Vighi M., 2008. Contenuto di pesticidi in acque di pioggia nella provincia di Forlì. Considerazioni preliminari per una stima della contaminazione atmosferica", **IA Ingegneria Ambientale**, n.3/4 Marzo-Aprile Anno XXVIII, Milano.
- Valentini G.V., Calliera M., Maffioli G., Verro R., Auteri D., Azimonti G., Maroni M., 2008. Proposta metodologica per la valutazione della vulnerabilità delle acque superficiali alla contaminazione da prodotti fitosanitari con l'utilizzo di GIS" **IA Ingegneria Ambientale**, n.6 Giugno Anno XXVIII, Milano.

Main ORAL/KEYNOTE
PRESENTATION

- Bottleneck in the adoption of bio-purification systems in Italy - 5th European Biobed Workshop 2016, 28-29 September 2016- UK
 - Food education at school "Add a seat at table" - Second International Conference on Agriculture in an Urbanising Society 14-17 September ,Rome. Italy.
 - M.Bisagni, M.Calliera, L.Borghini, C.Boccalari, S. Solvi, E.Capri, Food education at school "Add a seat at table". Agriculture in an Urbanizing Society, Reconnecting Agriculture and Food Chain to societal needs, 14-17 September 2015, Rome, Italy
 - I rischi da agenti chimici nelle coltivazioni in serra (chemical risks in greenhouses) In Agricoltura e rischi da esposizione lavoratori ad agenti chimici, Seminario AIDII, Università degli Studi di Verona, 14 gennaio 2014
 - Guideline and practical tools for a sustainable use of Plant Protection Products within the framework of the Sustainable Use Directive , SETAC 14 May 2013, Glasgow.
 - Guidelines for sustainable use of pesticides – Italy. In: Implementation of the Directive for the Sustainable Use of Pesticides , Sofia Bulgaria May, 2012.
 - I progetti UE sugli indicatori di rischio fitofarmaci e l'esperienza di OPERA - limiti e insegnamenti, Giornate Fitopatologiche, Settembre 2011, Roma.
 - Guidelines for sustainable use of pesticides – Italy. In: Implementation of the Directive for the Sustainable Use of Pesticides in Hungary Workshop, 22 September 2011, Plant Protection and Soil Conservation Directorate, Budapest, Hungary
 - Share knowledge for a sustainable management of agricultural productions: an Italian experience in the Sustainable use directive perspective in: "Towards the Implementation of the Directive on the Sustainable Use of Pesticides – The Contribution of LIFE+ EcoPest project workshop", Athens, 25th May 2011
 - Calliera M., 2008. State of the art of EU projects towards the implementation of Water Framework Directive: ideas for management and monitoring. Quality of soil, Food and Health, Bari
 - Calliera M., 2008. The implementation of the water Framework Directive in Italy: state of the art of plant protection products (PPPs) monitoring and model estimation, RiskBase, Budapest.
 - Calliera M. 2007. Harmonised Pesticide Risk Trend Indicator for Food (HAPERITIF): examples of application at local scale. XIII Symposium Pesticide Chemistry-Environmental Fate and Human Health, Piacenza.
 - Calliera M. 2005. Root and foliar model to predict the uptake of organic chemicals from soil: herbicides and soil insecticides, Predicting Pesticide Residues Workshop, York (GB)

 - Maura Calliera, Alba Lastorina, The Role of Research Communication, and Education for a Sustainable Use of Pesticides in Advances in Chemical Pollution, Environmental Management and Protection, Volume 2, 2018 Elsevier Inc. ISSN 2468-9289
 - Maura Calliera, Ettore Capri Plant protection products in rice cultivation: critical issues in risk assessment and management to promote sustainable use. In Sasaki, Takuji (ed.), Achieving sustainable cultivation of rice Volume 2: Cultivation, pest and disease management, (2017) Burleigh Dodds Science Publishing , Cambridge, UK (ISBN: 978 1 78676 028 9;
 - Maura Calliera e Ettore Capri, Esperienze condivise di sostenibilità alimentare, in Una filantropia nuova economia, diritto e filosofia per una società digitale collaborativa, A cura di Monica De Paoli Giuseppe Manfredi Angela Silvia Pavesi Mariachiara Tallacchini Emanuele Antonio Vendramini, (2017) Libellula Edizioni, isbn: 9788895975955
 - Gabriele Sacchetti, Maura Calliera (2016) I pesticidi fuori dal piatto. Mattioli .Piacenza 1885 ISBN: 978-88-6261-486-3 Editore
 - Calliera Maura, Lamastra Lucrezia, Elisa Novelli, Ettore Capri. Indicatori di sostenibilità, in Difesa sostenibile delle colture, a cura di Paola Battilani, Edagricole, Milano 2016 ISBN 978 88 506 5504 5
 - AA.VV. Il progetto Edible Insect. Nutrire il pianeta con nuove fonti sostenibili. a Cura di Maura Calliera , Capri editore - Opera Research Centre, Piacenza 2015
 - Stefan Gartiser, Michael Burkhardt, Rita Groß, Maura Calliera. Reduction of environmental risks from the use of biocides: Environmental sound use of disinfectants, masonry preservatives, and rodenticides, TEXTE 53/2015 Environmental Research of the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety Project No. (FKZ) 3711 63 410 Report No. (UBA-FB) 002023/E ISSN 1862-4804 Dessau- Roßlau, July 2015
- <http://www.umweltbundesamt.de/publikationen/reduction-of-environmental-risks-from-the-use-of>
- A.A.V.V. Risk Indicator selection and Quantitative Targets to meet Sustainable Use Directive objectives, Opera Guideline for Implementation, Gen. 2011, in www.opera-indicators.eu/assets/files/Documents
 - A.A.V.V. Selecting the right Risk Indicators to successfully implement the Sustainable Use Directive, Febb 2010, in www.opera-indicators.eu/assets/files/Documents
 - G. Aramini, M Balderacchi, A.M. Corea, C. Colloca, T. Coroniti, A. Costa, R. Paone, M. Calliera and M.Trevisan, Agrofarmaci, un piano per gestire il rischio contaminazione delle acque, in: Calabria rurale 2009, Ed L'Informatore Agrario, supplemento al numero 43 del 13/19 Novembre 2009
 - Calliera M. Finizio A. 2007. Ingresso nella catena alimentare, bioaccumulo e rischio per il consumatore, in Agrofarmaci, Mara Gennari e Marco Trevisan editors, Perdisa editori.
 - Calliera M., Finizio A., Vighi M., 2002. Valutazione ecotossicologica in "Biologia e controllo delle piante infestanti", Catizone e Zanin editors, Patron editore, Bologna.
 - Calliera M., Vighi M., 1999. Stima del rischio ambientale da prodotti fitosanitari: un caso di studio nella provincia di Forlì Cesena, Rapporto osservatorio Agroambientale-ARPA Emilia Romagna- sezione provinciale Forlì Cesena e ASL Forlì.

CHAPTERS ON
BIBLIOGRAPHY/
BOOKS

Data 01.01.2020