

## Staff Handbook

Name	Prof. Dr.Ir. Agus Sugianto, ST., M.P.		
Position	Lecturer		
Academic career	<b>Initial academic appointment</b>	Agrotechnology Department, Agriculture Faculty, University of Islam Malang, Indonesia	1992
	<b>Doctoral degree</b>	Agriculture Faculty UniversitasBrawijaya, Indonesia	2004
	<b>Master degree</b>	AgricultureFaculty UniversitasBrawijaya, Indonesia	1998
	<b>Undergraduate degree</b>	AgricultureFaculty University of Islam Malang, Indonesia	1990
Employment	<b>Lecturer</b>	Agrotechnology Department, Agriculture Faculty Universityof Islam Malang	1992-now
Subject Module	<ul style="list-style-type: none"> <li>• Technology Spawning and Cultivation of Mushrooms</li> <li>• Research Methodology and Philosophy of Science</li> </ul>		
Research and development projects over the last 5 years	<ul style="list-style-type: none"> <li>• Acceleration of Edible Wood Mushroom Production as an Alternative Food Through Cold Dry Seed Technology Assembling Direct Explants (TEL) Combined With Harvest Synchronization Temperature (TSP) (Seed Testing until the third generation) (2015-2016)</li> <li>• Integrated Pattern of Fungi – Worms – Fish – Plants (JACITA) for Sustainable Food Supply in One Area and Product Downstream (2017-2017)</li> <li>• Organic Rice Production Acceleration Through Nitrogen Synchronization Management With Different Quality Organic Ingredients Input Settings (2018 – 2020)</li> </ul>		
Industry collaborations over the last 5 years	<ul style="list-style-type: none"> <li>• CV. Anggrek Singosari</li> <li>• Kelompok Tani Sri Anom</li> <li>• Balai Karantina Tanaman</li> <li>• Indonesian Agriculture Research ( Balitkabi, Balittas, Balitjistro, BBTP, BBPP) , Malang District, East Java, Indonesia</li> </ul>		
Patents and proprietary rights	<ul style="list-style-type: none"> <li>• Contaminated Bag-Log Recycling Technology In Oyster Mushroom Cultivation (23 October 2018 , ID : EC00201851135)</li> <li>• Book copyright “Philosophy Of Science And Technology” “(19 July 2017, ID. EC00201702190)</li> <li>• Book copyright “agricultural mathematics in agrotechnology “ (23 October 2018, ID. EC00201851134)</li> <li>• Development Of Wood Mushroom Technology As An Alternative Food (20 July 2017 , ID : EC002011702216)</li> <li>• Book copyright “Basic Principles Of Plant Breeding “</li> </ul>		

	<p>(20 July 2017 , ID : EC002011702219)</p> <ul style="list-style-type: none"> <li>• Substrate Variation In White And Ear Oyster Mushroom Cultivation (23 October 2018 , ID : EC00201851136)</li> <li>• Wood Mushroom Seeds Through Direct Explant Planting (Tel) (No. Registration: S00202001465 2019, in Progress)</li> <li>• Mushroom Storage Model And Post-Harvest Management (EC00202015209, 13 Mey 2020 )</li> <li>• Portable En-Cas Jar (in Progress, 2019)</li> <li>• Integrated Model Of Plant Fish Worm Mushroom (JACITA) For Sustainable Food Supply In One Area And Product Downstream (EC100201901591, 18 January 2019)</li> <li>• Practical Instructions for Seedling and Cultivation of Wood Mushrooms (EC00201 901 600, 18 January 2019)</li> <li>• Model of Cultivation of Wood Mushrooms With AGS+ Nutrients (EC00201901590, 18 January 2019)</li> <li>• Direct Explant Planting Model (TEL) Wood Mushroom Seeds (EC00201901593, 18 January 2019)</li> <li>• Wood Mushroom Seeds Through Direct Exsplan Planting (Tel) (No. Registration: HKI 3-HI.05.01.02.S00202001465, in Progress, Simple Patent)</li> </ul>
<p>Important publications over the last 5 years</p>	<ul style="list-style-type: none"> <li>• Sugianto, A., A. Sholihah And P. Hartono Acceleration Of Five Types Edibel Wood Mushroom Production Through Varied Harvest Synchronization Temperature Settings Journal Of Agriculture And Environmental Sciences December 2017, Vol. 6, No. 2, Pp. 17-29</li> <li>• Sugianto, A., A. Sholihah And P. Hartono Effect Of Substrate Weight Variation And Spawn Method In Production Of White Oyster Mushroom (Pleurotus Ostreatus) Journal Of Agriculture And Environmental Sciences December 2018, Vol. 7, No. 2, Pp. 71-75</li> <li>• <i>Sholihah M.</i>, Sholihah, A.,&amp; Sugianto, A. 2018. Peningkatan Produksi Jamur Tiram Putih (Pleoratus ostreatus L.) dan Jamur Kuping (Auricularia auricula L.) Melalui Variasi Berat Substrat. Jurnal Folium Vol 2 (No.1)</li> <li>• Sholihah, A.,&amp; Sugianto, A. 2018. Pengaruh Metode Pembibitan Dan Berat Substrat Terhadap Pertumbuhan Dan Produksi Jamur Tiram Putih (Pleurotus ostreatus). Jurnal Folium Vol 2 (No.2)</li> <li>• Sholihah, A.,&amp; Sugianto, A. 2018. Pola sinkronisasi pelepasan nitrogen dari campuran bahan organik berbeda kualitas. Prosiding Seminar Nasional “Peranan Sumberdaya Pertanian, Peternakan Dalam Mendukung Ketahanan Pangan Nasional UNS . ISBN 978-602-50128-1-5.</li> </ul>

- Sholihah, A.& Sugianto, A. 2019. Utilization Of <sup>15</sup>N Labeled Rice Straw For Tracking Nitrogen Distribution With Indicator Of Maize Plant. Proceeding ICOSTES. ISBN 778-602-52411-3-0
- Sholihah, A.,& Sugianto, A. 2019.Efesiensi Serapan Hara Nitrogen Melalui Pengaturan Campuran Residu Tanaman Berbeda Kualitas Pada Tanaman Padi Sawah. Prosiding Seminar Nasional IX UGM 2019. ISBN 2442-7314 hal 144-149.
- Sugianto, A. & Sholihah, A., 2019. Utilization of Bag-Log Waste for Mixture Cultivation of Ear Mushroom (*Auricularia auricula*) and White Oyster (*Pleorotus ostreatus*. Atlantis Press: 5<sup>th</sup> International Conference on Food, Agriculture and Natural Resources (FANRes 2019). Advances in Engineering Research, Vol 194.
- Sholihah, A., Sugianto, A. & *Taqijuddin Alawiy*. 2019.Variasi Campuran Brangkas Kedelai Dan Jerami Padi Terhadap Serapan N Dan Efesiensi Penggunaan N, Pertumbuhan dan Hasil Tanaman Padi Gogo (*Oryza sativa* L.). Jurnal Folium Vol 3 (No.1)
- Sugianto, A., Sholihah, A., & Muslikah., S. 2019.Pengaruh Substrat Afkir Jamur Kayu Dan Metode Pembuatan Bibit Yang Berbeda Pada Pertumbuhan Dan Produksi Jamur Merang (*Volvariella Volvaceae*) Dengan Sistem Nampan Bersusun. Jurnal Folium Vol 3 (No.2)
- *Chasanah, R.*, Sholihah, A., Sugianto, A.2020.Pengaruh Pemberian Kompos Limbah Pertanian Terhadap Pertumbuhan Dan Serapan Nitrogen Tanaman Jagung (*Zea Mays* L.). Jurnal Folium Vol 4 (No.1)
- Sholihah, A., Muslikah., S & Sugianto, A.2020. Efisiensi Serapan Hara Kalium Pada Tanaman Jagung Dengan Aplikasi Kompos Brangkas Kacang Tanah. Proseding KnaISTech 2020 ISBN : **978-602-470-353-0**
- Sugianto, A., Sholihah, A , 2013. Uji Fisiologis Tiga Generasi Bibit Jamur Tiram Putih (*Pleurotus ostreatus*) yang Dibuat dengan Metode Biakan Cair Miselium. Agronisma. Vol.2 ISSN: 2337-6449
- *Luxgiyanto Ian, Sugianto, A., Sholihah, A.* 2019. Pemanfaatan Brangkas Tanaman Kaya Nitrogen Sebagai Campuran Media Dua Jenis Jamur Tiram (*Pleurotus ostreatus* dan *Pleurotus flabellatus*).**Jurnal: AGRONISMA.Tahun: 2019. Volume: 7 | ISSN: 2337-6449.**  
**URL: <http://riset.unisma.ac.id/index.php/AGRN..>**
- Mauludin ,F. *Sugianto, A., Sholihah, A.* 2019. Pemanfaatan Media Sisa Tanaman Padi Gogo Periode Pertama Sebagai Media Tanam Periode Kedua (*Oryza Sativa* L).  
**Jurnal: AGRONISMA.Tahun: 2019. Volume: 7 | ISSN: 2337-6449. URL: <http://riset.unisma.ac.id/index.php/AGRN..>**
- Sholihah, A., Sugianto, A. & *Taqijuddin Alawiy*. 2021.Mineralisasi Nitrogen Kompos Campuran Residu Kedelai Dan Jerami Padi Berbagai Komposisi. Jurnal Folium Vol 5 (No.1)
- Sugianto, A. & Sholihah, A.2021.Pengawetan dan Pemberian Nilai Tambah Produk Jamur Menjadi Sate dan Bakso Jamur” pada jurnal

	<p>Abdimas Unmer Malang . URL:  <a href="http://jurnal.unmer.ac.id/index.php/jpkm/article/view/5174/pdf">http://jurnal.unmer.ac.id/index.php/jpkm/article/view/5174/pdf</a></p>
<p>Activities in specialist bodies over the last 5 years</p>	<ul style="list-style-type: none"> <li>• Postgraduate Director, University of Islam Malang (2015-2019)</li> <li>• Internal Review Of Research &amp; Community Service, University of Islam Malang (2015 – now)</li> <li>• Member of professional organization : PERAGI, APTSIPI &amp; HITI</li> </ul>