

Staff Handbook

Name	Dr.Siti Asmaniyah Mardiyani,SP.MP		
Position	Lecturer		
Academic career	Initial academic appointment	Agrotechnology Department, Agriculture Faculty, University of Islam Malang, Indonesia	1994
	Doctoral degree	Environmental Study Program University of Brawijaya, Indonesia	2014
	Master degree	Agriculture Faculty University of Brawijaya, Indonesia	1996
	Undergraduate degree	Agriculture Faculty Bogor Agricultural University, Bogor, Indonesia	1989
Employment	Lecturer	Agrotechnology Department, Agriculture Faculty University of Islam Malang	1994-now
Subject Module	<ul style="list-style-type: none"> • Agricultural Physiology and Technology • Agricultural Enterpreunership • English for Agriculture • Healthy Farming 		
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Drying Process Modeling With Environmentally Friendly Fixed Bed Dryer Based On A Combination Of Solar Collector And Photovoltaic (2015-2018) • Effect of Blanching and Drying Model on Drying Kinetics and Quality of Dipped Apple Cider With Green Technology Concept Based on Solar Energy (2019-2020) 		
Industry collaborations over the last 5 years	<ul style="list-style-type: none"> • CV Happy Tani, Malang,Indonesia 		
Patents and proprietary rights	<ul style="list-style-type: none"> • IPR of Community Service Handbook (Healthy Food in My Life) 		
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. 20 papers:</p> <ul style="list-style-type: none"> • Mardiyani SA, SH Sumarlan, BD Argo, AS Leksono.2019 • Design of eco-friendly fixed bed dryer based on a combination of solar collector and photovoltaic module Nature Environment and Pollution Technology 18 (1), 21-30 • LC Hawa, U Ubaidillah, SA Mardiyani, AN Laily, NIW Yosika, FN Afifah. 2021. Drying kinetics of cabya (Piper retrofractum Vahl) fruit as affected by hot water blanching under indirect forced convection solar dryer. Solar Energy 214, 588-598 • SA Mardiyani, SH Sumarlan, BD Argo, AS Leksono. 2019. The Effect Of Convective Fixed Bed Drying Based On A Solar Collector And Photovoltaic (Csd) To The Quality Atributes Of Red Pepper Compared With Conventional Convective Fixed 		

	<p>Bed Dryer. Jurnal Ilmiah Rekayasa Pertanian dan Biosistem 7 (1), 24-33</p> <ul style="list-style-type: none"> • SA Mardiyani, D Susilowati, M Ulfah. 2021. Effect of blanching and solar energy-based drying models on the quality of dried shredded apples. IOP Conference Series: Earth and Environmental Science 733 (1), 012071
<p>Activities in specialist bodies over the last 5 years</p>	<ul style="list-style-type: none"> • Head of UNISMA Cooperation Division (2010 – 2014) • Reviewer of Jurnal Inovasi Pengabdian Masyarakat (2019- now) • Reviewer of Jurnal Cendekia (2020- now) • Chief Editor of Folium Journal (2020-now)