Staff Handbook

Name	Dr. Ir. Istirochah Pujiwati, M.P.		
Position	Lecturer		
Academic career	**Initial academic appointment**	Agrotechnology Department, Agriculture Faculty, University of Islam Malang, Indonesia	1992
	Doctoral degree	Agriculture Faculty Brawijaya Universitas, Indonesia	2014
	Master degree	Agriculture Faculty Brawijaya Universitas, Indonesia	1995
	Undergraduate degree	Agriculture Faculty Brawijaya University, Indonesia	1987
Employment	**Lecturer**	Agrotechnology Department, Agriculture Faculty University of Islam Malang	1992-now
Subject Module	• Agricultural Biology • Plant Physiology • Introduction to the Science & Control of Weeds • Plant Growth Analysis		
Research and development projects over the last 5 years	• Development of *sonic bloom* technology to increase soybean (*Glycine max* L.) productivity		
Industry collaborations over the last 5 years			
Patents and proprietary rights	• Book copyright "Introduction to Weed Science" (ID. EC002001701972) • Book copyright "Agricultural Biology" (ID. EC002001701962)		
Important publications over the last 5 years	Selected recent publications from a total of approx. 20 papers: • Pujiwati, I. and Djuhari. 2014. The Pattern of Stomatal opening through the Exposure of High-Frequency Sound Wave with the Different Duration and Age of Soybeans (*Glycine max* (L.) Merril). Agricultural Science Volume 2, Issue 1,69-77 ISSN 2291-4471 E-ISSN 2291-448X Science and Education Centre of North America • Pujiwati, I. dan Alawy. 2015. Pengembangan Biogas Kotoran Sapi di Kelurahan Kedopok Kecamatan Kedopok Probolinggo. Science Electro • Pujiwati, I., B. Guritno., Setiawan and N. Aini. 2018. Examining Use of Sonic Bloom Technology on the Stomata Opening of Drought-Stressed Soybean. Biosciences Biotechnology Research Asia. http://www.biotech-asia.org/vol15no4/examining-use-of-sonic-bloom-technology-on-the-stomata-opening-of-drought-stressed-soybean/		

	• Pujiwati, I., B. Guritno., Setiawan and N. Aini. 2018. The Effect of Harmonic Frequency and Sound Intensity on the Opening of Stomata, Growth and Yield of Soybean (Glycine max (L.) Merrill). Pertanika J. Trop. Agric. Sc. 41 (3): 963 - 974. http://www.pertanika.upm.edu.my/Pertanika%20PAPERS/JTAS%20Vol.%2035%20(1)%20Feb.%202012%20(View%20Full%20Journal).pdf • Atiroh, N., I, Pujiwati dan A. Hayati. 2020. Ethnology and ethnomedicine study to ensure maritime conservation in Bangsring Underwater (Bunder) Banyuwangi, Indonesia. IOP Conference Series: Materials Science and Engineering. https://iopscience.iop.org/article/10.1088/1757-899X/846/1/012073
Activities in specialist bodies over the last 5 years	• Head of Academic and Student Affairs Bureau, University of Islam Malang (2011 – 2014) • Head of Academic and Cooperation Affairs Bureau, University of Islam Malang (2015 – 2019) • Vice Rector for Institutions, Publications and Information Technology (2019 – now) • Reviewer Journal Agromix, 2021