



Dr.sc.agr. Yuni Sri Rahayu, M. Si.

Position	Lecturer of Plant Physiology, Plant Nutrition, Phytohormone, Biochemistry, Pharmacognosy, Horticulturæ		
	Associate Professor in Plant Physiology since 2007		
	Degree	University	Year
Academic career	Graduate program at Departemen of Biology Education (S-1 Program)	State University of Surabaya (IKIP Surabaya) Indonesia	1985-1990
	Pre-Master Program (Matriculation Program)	Biology Faculty Gadjah Mada University Yogyakarta Indonesia	1991-1992
	Government employer at Minister of National Education as a Unesa's Institution Lecture	Unesa (State University of Surabaya) Indonesia	1991- Now
	Postgraduate Program in Biology-Plant Physiology (Master program)	Biology Faculty – Gadjah Mada university Yogyakarta Indonesia	1992-1995
	German Language Course	Goethe Institute Jakarta Indonesia	1 st April – 30 th September 1997
	German Language Course	Goethe Institute Freiburg - Germany	1 st April – 30 th September 1998
	Ph. D program in Plant Nutrition	Institute of Plant Nutrition, Hohenheim University, Stuttgart, Germany	1998-2003
Employment	Position	Employer	Periode
	Associate Professor on Plant Physiology	Unesa, Indonesia	2007-Now
	Secretary of Science Education Study Program	Postgraduate Program, Unesa, Indonesia	2009-2012
	Vice Dean of Academic Affairs	Faculty of Mathematics and natural sciences, Unesa, Indonesia	2012-2014
	Vice Rector of	Unesa	2014-2018

	Academic Affairs		
	Consultant in Minister of National Education Jakarta	General Directorate of Primary and Secondary Education	2003-2009
Research and Development project over the last 5 Years	<p>2019: Interaction of Multisymbiotic Endofite Microorganism and Bioremediator Plant to Reclamation Coal Mining Area. Unesa's Research Project IDR 40,000,000 (Head)</p> <p>2019: Sinergism of endogen and exogen gibberellin application on Seed Germination and Plant Vegetative Development of Red Chile. Unesa's Research Project IDR 10,000,000 (Member)</p> <p>2015-2016: Development Concepts of Educational Courses Curriculum in Faculty of Mathematics and Natural Sciences Based on IQF and 21st Century Learning. IDB-Unesa's Research Project IDR 280,000,000 (Head)</p> <p>2014: Development of Bioremediation Model on Oil Contaminated Soil Using Multisymbiotic Microorganism and Plant. Unesa's Research Project IDR 45,000,000 (Head)</p> <p>2014-2015: Assessment Characterization in Higher Order Thinking Skills and Science Literation on PISA and Indonesia National Examination. Unesa's Research Project IDR 135,000,000 (Member)</p>		
	Title		Year
Patent and Proprietary Right	<p>BIOCHEMISTRY</p> <p>ISBN : 97860324490829</p> <p>Authors : Yuni Sri Rahayu, Evie Ratnasari, Isnawati</p> <p>Publisher : Unesa University Press</p> <p>Surabaya 2017</p> <p>HaKI EC00201976604</p>		<p>17 Oktober 2019, berlaku 50 tahun sejak diumumkan.</p> <p>Diumumkan 01 Desember 2017 di Surabaya</p>
	<p>Fitohormon</p> <p>ISBN: 978-602-449-254-0</p> <p>Yuni Sri Rahayu, Yuliani, Evie Ratnasari, Sari Kusuma Dewi</p> <p>HaKI EC00201976603</p>		<p>17 Oktober 2019 berlaku 50 tahun sejak diumumkan.</p> <p>Diumumkan 01 Juli 2018 di Surabaya</p>
Potential Articles over last 5 years	Isolation and Identification of Phosphate Solubilizing Bacteria and Hydrocarbhone		2019

	Degradation Bacteria in Oil Contaminated Soil in Bojonegoro, East Java, Indonesia. Yuni Sri Rahayu , Yulini, G. Trimulyono). Indonesian Journal of Science and Technology (IJoST). Volume 4, Issue 1, April 2019: Page 134-147	
	High Unemployment Records of Graduated Students in the Development of Urban Agriculture in the Gaza Strip (Husam Al-Najar*, Hadi Khalil, Yuni Sri Rahayu). Indonesian Journal of Science and Technology (IJoST). Volume 4 (2) (2019) 196-203	2019
	Identification of gaharu tree (<i>Aqualaria malacensis</i>) and gaharu oil distillation process as the local content included in 21 st century curriculum on the subject of high level botany (Herliani, Muslimin Ibrahim, Yuni Sri Rahayu). IOP Conf. Series: Earth and Environmental Science 243 (2019) 012129. doi:10.1088/1755-1315/243/1/012129	2019
	Isolation and Identification of Phosphate Solubilizing Bacteria and Hydrocarbone Degradation Bacteria in Lapindo Mud Sidoarjo East Java Indonesia (Yuni Sri Rahayu , Yulini, G. Trimulyono): Journal of Engineering Science and Technology (JESTEC). Volume 13, Issue 8, Agustus 2018: Page 2271-2643	2018
	Two Problem Solving Cycles to Achieve Learning Outcomes of Thinking Skills and Plant Anatomy Concept Mastery (R. P. Puspitawati, L. Yuanita, Y. S. Rahayu , S. Indana, E. Susiyawati). Jurnal Pendidikan IPA Indonesia http://journal.unnes.ac.id/index.php/jpii . JPPI 7 (3) (2018) 312-321	2018
	Implementation of science process skills using ICT-based approach to facilitate student life skills (Yuni Sri Rahayu , Yuliani, Bagus R Wijaya). IOP Conf. Series: Materials Science and Engineering 296 (2018) 012035 doi:10.1088/1757-899X/296/1/012035	2018
	Development of biology student worksheets to facilitate science process skills of student (Yuni Sri Rahayu , Rinie Pratiwi Puspitawati, Sifak Indana). IOP Conf. Series: Materials Science and Engineering 296 (2018) 012044 doi:10.1088/1757-899X/296/1/012044	2018
	The Role of Teak Leaves (<i>Tectona grandis</i>), Rhizobium, and VesicularArbuscular Mycorrhizae on Improving Soil Structure and Soil Nutrition (Yuliani dan Yuni Sri Rahayu). IOP Publishing IOP Conf. Series: Materials Science and Engineering 288 (2018) 012158 doi:10.1088/1757-	2018

	899X/288/1/012158		
	Physiological Demands of Playing Field Hockey Game at Sub Elite Players (n W Kusnanik, Yuni Sri Rahayu , B Rattray). IOP Publishing IOP Conf. Series: Materials Science and Engineering 288 (2018) 012112 doi:10.1088/1757-899X/288/1/012112	2018	
	Isolation and Characterization of Potassium Solubilizing Bacteria from Paddy Rhizosphere (R. Fatharani and Yuni Sri Rahayu). IOP Conf. Series: Journal of Physics: Conf. Series 1108 (2018) 012105 doi :10.1088/1742-6596/1108/1/012105	2018	
	Isolation and Characterization of Silicate Solubilizing Bacteria from Paddy Rhizosphere (A. Sulizah, Yuni Sri Rahayu , Sari Kusuma Dewi). IOP Conf. Series: Journal of Physics: Conf. Series 1108 (2018) 012046 doi :10.1088/1742-6596/1108/1/012046	2018	
	Role of Nitrogene and phosphate dynamics to increase plant survival grown on oil contaminated soil (Yuni Sri Rahayu , Yuliani, Guntur Trimulyono, Evie Ratnasari, Sari Kusuma Dewi). IOP Conf. Series: Materials Science and Engineering 434 (2018) 012122 doi:10.1088/1757-899X/434/1/012122	2018	
	The development of BOT API Social Media Telegramabout Plant Hormone using Black Box Testing (Yuni Sri Rahayu , S C Wibawa, Yuliani, Evie Ratnasari, Sari Kusuma Dewi). IOP Conf. Series: Materials Science and Engineering 434 (2018) 012132 doi:10.1088/1757-899X/434/1/012132	2018	
	Plant Leaf Recognition Using Competitive Based Learning Algorithm (E. M. Imah, Yuni Sri Rahayu , A. Wintarti). IOP Conf. Series: Materials Science and Engineering 288 (2018) 012058 doi:10.1088/1757-899X/288/1/012058	2018	
	An evaluation of the effectiveness of the authentic task on students' learning achievement of plant anatomy concepts in surabaya state university (Susiyawati, E.,Ibrahim, M.,Atweh, B., Rahayu, Y.S.). Journal of Turkish Science Education.	2015	
	The Role of Multisymbiotic Soil Microorganism As An Alternative To Increase Plant Tolerance (Yuni Sri Rahayu , Yuliani, Guntur Trimulyono). Proseding ICoMaNSEd (Manado, 2015)	2014	
	Pemberian Seresah Daun Jati Dalam Meningkatkan Kadar Hara dan Sifat Fisika Tanah Pada Tanah Kapur (Yuliani, Yuni Sri Rahayu). Seminar Nasional Biologi 2016	2016	
Activities in Specialist Bodies	Organization	Position	Period
	PGPR (Plant Growth P Rhizobia) - Asia Association	Member	2017 - Now