



Curriculum Vitae

Department of Agricultural Engineering

Universitas Brawijaya

Name	Dr. Ir. Musthofa Lutfi, MP.
Position	<i>Teaching area: Systems Engineering Associate professor and Head of Bachelor of Agricultural Engineering Study Programme</i>
Academic career	<p>Initial academic appointment Agricultural Engineering Department, Universitas Brawijaya 1999</p> <p>Doctoral degree Agricultural Industrial Technology Universitas Brawijaya, Indonesia 2017</p> <p>Master degree Agricultural Technology, Universitas Brawijaya 1997</p> <p>Undergraduate degree Agricultural Technology, Universitas Brawijaya 1992</p>
Employment	Lecturer Agricultural Engineering Department, Universitas Brawijaya 1999- now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> - <i>Development of Biodegradable Plastics Made from Iles-Iles Bulbs (Amorphophallus Variabilis), 2019, 50M IDR</i> - <i>Optimization of Canna-Bioplastic Production (Canna edulis), 2020, 50M IDR</i>
Industry collaborations over the last 5 years	- <i>Rencana Pembangunan Industri Kabupaten (RPIK) - Regency Industrial Development Plan, Pasuruan Regency Government, East Java, Indonesia (2018)</i>
Patents and proprietary rights	<ul style="list-style-type: none"> - <i>Methods of Biodegradable Plastic Production from Walur Comb (2020) (In Progress)</i> - <i>Methods of Biodegradable Plastic Production from Iles-Iles Comb (2020) (In Progress)</i>
Important publications over the last 5 years	<p><i>Selected recent publications from a total of approx. 30 papers:</i></p> <ul style="list-style-type: none"> - Lutfi, M., Nugroho, W.A., Vo, H.T., Djoyowasito, G., Ahmad, A. M., Sandra. 2020. <i>International Journal of Agricultural and Biological Engineering</i>, 14(5):93-98. - Lutfi, M., Nugroho, W.A., Fridayestu, W.P., Susilo, B., Pulmar, C., Sandra. 2019. <i>Bioflocculation of Two Species of Microalgae by Exopolysaccharide of Bacillus subtilis. Nature Environment and Pollution Technology</i>, 18(1):167-173 - Lutfi, M., Andajani, K., Ilhamuddin, Utami, H.N. 2020. <i>Appropriate technology application of traditional clove oil production, effort to up-grade quality. Advances in Food Science Sustainable Agriculture and Agroindustrial Engineering</i>, 3(2):75-80
Activities in specialist bodies over the last 5 years	<ol style="list-style-type: none"> 1. <i>Quality Assurance of Higher education</i> <ul style="list-style-type: none"> - <i>Internal Assessor of AUN QA (Universitas Brawijaya, 2018-2019)</i> - <i>Coordinator of the preparation of the document cluster C ASIIN (Universitas Brawijaya, 2019-2021)</i> 2. <i>Member of Japan Society Water and Environment (JSWE), Japan (2018-2021)</i> 3. <i>Reviewer of EER (Environmental Engineering Research) - 2020</i>