



# Curriculum Vitae

## Department of Agricultural Engineering

### Universitas Brawijaya

<b>Name</b>	<b>Dr.Ir. Ary Mustofa Ahmad, MP.</b>												
<b>Position</b>	<i>Teaching area: Agricultural Mechanization</i> <i>Assistant professor in Bachelor of Agricultural Engineering Study Programme</i>												
<b>Academic career</b>	<table border="0"> <tr> <td><b>Initial academic appointment</b></td> <td>Agricultural Engineering Department, Universitas Brawijaya</td> <td>1986</td> </tr> <tr> <td><b>Doctoral degree</b></td> <td>Agricultural Science, Universitas Brawijaya, INDONESIA</td> <td>2008</td> </tr> <tr> <td><b>Master degree</b></td> <td>Agricultural Science, Gadjah Mada University, Indonesia</td> <td>1993</td> </tr> <tr> <td><b>Undergraduate degree</b></td> <td>Soil Science, Universitas Brawijaya, Indonesia</td> <td>1979</td> </tr> </table>	<b>Initial academic appointment</b>	Agricultural Engineering Department, Universitas Brawijaya	1986	<b>Doctoral degree</b>	Agricultural Science, Universitas Brawijaya, INDONESIA	2008	<b>Master degree</b>	Agricultural Science, Gadjah Mada University, Indonesia	1993	<b>Undergraduate degree</b>	Soil Science, Universitas Brawijaya, Indonesia	1979
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<b>Employment</b>	<table border="0"> <tr> <td><b>Lecturer</b></td> <td>Agricultural Engineering Department, Universitas Brawijaya</td> <td>1986-Now</td> </tr> </table>	<b>Lecturer</b>	Agricultural Engineering Department, Universitas Brawijaya	1986-Now									
<b>Lecturer</b>	Agricultural Engineering Department, Universitas Brawijaya	1986-Now											
<b>Research and development projects over the last 5 years</b>	<ul style="list-style-type: none"> <li>- <i>Design of Continuous Biogas Filtration System, 2020, 4M IDR</i></li> <li>- <i>Addition of Alor Rocks as a Heat Storage in the Sea Water Destilator, 2018, 9M IDR</i></li> <li>- <i>Feasibility Study of Land Area Suitability, Number of Livestock, Size of Digester in Actualizing Sustainable Independent Farmer Business, 2020, 25 IDR</i></li> </ul>												
<b>Industry collaborations over the last 5 years</b>	- <i>Organization for Industrial, Spiritually, Culture and Advancement (OISCA), PT. Etos Agro, Banyuwangi.</i>												
<b>Patents and proprietary rights</b>	-												
<b>Important publications over the last 5 years</b>	<p><i>Selected recent publications from a total of approx. 30 papers:</i></p> <ul style="list-style-type: none"> <li>- <i>M Lutfi, WA Nugroho, HT Vo, G Djoyowasito, <b>AM Ahmad</b>, S Sandra. 2020. Performance test of organic planting bags for woody plant seedlings. International Journal of Agricultural and Biological Engineering 13 (5), 93-98</i></li> <li>- <i>Y Hendrawan, DK Anta, <b>AM Ahmad</b>, SM Sutan. 2019. Development of fuzzy control systems in portable cultivation chambers to improve the quality of oyster mushrooms. IOP Conference Series: Materials Science and Engineering 546 (3), 032013</i></li> <li>- <i><b>AM Ahmad</b>, Z Kusuma, B Suharto, S Prijono. 2017. Design of Hand Tractor-trailed Biogas Sludge Applicator and Its Performance on Indonesian Dry Land. Int. J. of Applied Eng. Res 12, 3719-3723</i></li> </ul>												
<b>Activities in specialist bodies over the last 5 years</b>	-												