

**ASESMEN *SUSTAINABILITY LITERACY*: STUDI KASUS PADA  
MAHASISWA CALON GURU VOKASIONAL APHP (AGRITEKNOLOGI  
PENGOLAHAN HASIL PERTANIAN)**

**TESIS**

*Dibuat untuk memenuhi syarat memperoleh gelar Magister Pendidikan (M.Pd.)  
pada program studi Pendidikan Teknologi dan Kejuruan*



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HASIL PERTANIAN)**

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Sebuah Tesis yang diajukan untuk memenuhi salah satu syarat memperoleh gelar  
Magister Pendidikan (M.Pd.) pada Program Studi Pendidikan Teknologi dan Kejuruan

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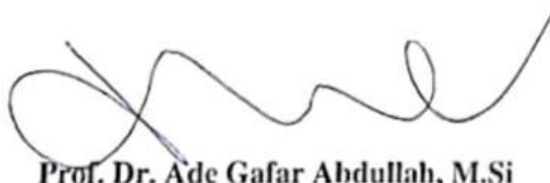


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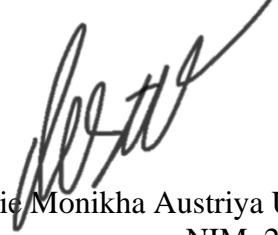
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## LEMBAR PERNYATAAN

Dengan ini saya menyatakan bahwa tesis dengan judul “Asesmen *Sustainability Literacy*: Studi Kasus Pada Mahasiswa Calon Guru Vokasional APHP (Agriteknologi Pengolahan Hasil Pertanian)” ini beserta seluruh isinya adalah benar-benar karya saya sendiri. Saya tidak melakukan penjiplakan atau pengutipan dengan cara-cara yang tidak sesuai dengan etika ilmu yang berlaku dalam masyarakat keilmuan. Atas pernyataan ini, saya siap menanggung resiko/sanksi apabila di kemudian hari ditemukan adanya pelanggaran etika keilmuan atau ada klaim dari pihak lain terhadap keaslian karya saya ini.

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## **KATA PENGANTAR**

*Assalamualaikum warahmatullohi wabarakatuh*

Rasa syukur dan pujian adalah kalimat termahsyur yang sewajarnya penulis panjatkan kepada dzat yang maha baik, penyang, lagi maha pengasih, Allah SWT. Berkat rahmatnya berupa lindungan dan kesehatan penulis mampu menyusun tesis ini, Penulis menyusun tesis ini sebagai salah satu syarat dalam memperoleh gelar magister pendidikan pada Program Studi Pendidikan Teknologi dan Kejuruan. Seluruh proses penyusunan tesis ini tidak terlepas dari bantuan dan dukungan berbagai pihak. Oleh karena itu, penulis mengucapkan terima kasih kepada :

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Bandung, November 2023

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**ASESMEN *SUSTAINABILITY LITERACY*: STUDI KASUS PADA MAHASISWA  
CALON GURU VOKASIONAL APHP (AGRITEKNOLOGI PENGOLAHAN  
HASIL PERTANIAN)**

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**ABSTRAK**

Dalam transisi menuju *green economy*, integrasi isu mengenai SDG's kedalam pembelajaran penting untuk dilakukan, baik guru maupun calon guru perlu mempersiapkan dan memiliki literasi mengenai keberlanjutan atau *sustainability literacy* (SL). SL ini diakui sebagai salah satu upaya untuk mencapai tujuan pembangunan berkelanjutan (SDG) yang merupakan kombinasi dari pengetahuan, sikap dan perilaku, yang berkaitan erat dengan SDG dan juga merupakan hasil dari *education for sustainable development* (ESD). Penelitian ini bertujuan untuk mengetahui tingkat SL pada mahasiswa calon guru vokasional program studi Agroteknologi Pengolahan Hasil Pertanian (APHP) serta mengidentifikasi persepsi mahasiswa calon guru vokasional APHP tentang peran SL untuk menciptakan perubahan efektif pada bidang pendidikan dan mengetahui faktor yang mendorong mereka dalam meningkatkan SL. Penelitian ini menggunakan pendekatan campuran yaitu kuantitatif dan kualitatif dengan sampel calon guru vokasional APHP yaitu mahasiswa pendidikan teknologi agroindustri di universitas pendidikan indonesia. Dua instrumen penelitian yang digunakan adalah tes dan wawancara. Tes digunakan untuk mengukur tingkat SL mahasiswa, sedangkan wawancara digunakan untuk mendapatkan pemahaman yang lebih mendalam tentang persepsi dan faktor yang mendorong mereka untuk meningkatkan SL. Hasil penelitian menunjukkan mahasiswa calon guru vokasional APHP memiliki tingkat Sustainability Literacy (SL) yang rendah dalam kategori "sangat buruk", dengan mayoritas dari mereka kurang memahami konsep keberlanjutan dan keterampilan berkelanjutan. Meskipun menyadari pentingnya SL dalam pendidikan, mereka mengakui keterbatasan pemahaman mereka tentang hal tersebut, beberapa bahkan ingin memperoleh pemahaman yang lebih mendalam sebelum menerapkannya dalam pembelajaran. Faktor-faktor yang mendorong peningkatan SL pada mahasiswa ini meliputi lingkungan akademik, interaksi sosial, serta kesadaran pribadi yang diperoleh dari pengalaman dan kegiatan yang mereka ikuti.

**Kata kunci:** Agroteknologi, Calon Guru, Mahasiswa, *Sustainability Literacy*, Vokasional

**ASSESSMENT OF SUSTAINABILITY LITERACY: CASE STUDIES ON  
AGRIBUSINESS PROCESSING IN AGRICULTURAL PRODUCTS PRE-  
SERVICE VOCATIONAL TEACHER**

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**ABSTRACT**

*In the transition towards a green economy, integrating issues related to the Sustainable Development Goals (SDGs) into education is crucial. Both educators and prospective teachers need to prepare for and possess literacy in sustainability, known as Sustainability Literacy (SL). SL is recognized as a key effort in achieving the Sustainable Development Goals (SDGs), as it combines knowledge, attitudes, and behaviors closely related to the SDGs and is an outcome of Education for Sustainable Development (ESD). This research aims to assess the level of SL among prospective vocational teachers specializing in Agricultural Product Processing Technology (APHP) and to identify their perceptions regarding the role of SL in effecting meaningful changes in education. Furthermore, the study seeks to uncover the driving factors behind their enhancement of SL. Employing a mixed-method approach involving quantitative and qualitative methodologies, the study sampled prospective vocational teachers studying agro-industrial technology education at the University of Education in Indonesia. Two research instruments, namely a test and interviews, were used. The test was employed to measure students' SL levels, while interviews were conducted to gain a deeper understanding of their perceptions and the motivating factors prompting them to improve their SL. The research findings indicate that prospective vocational teachers in APHP possess a low level of Sustainability Literacy (SL) categorized as "very poor," with the majority lacking comprehension of sustainability concepts and sustainable skills. Despite recognizing the importance of SL in education, they acknowledge their limited understanding, with some expressing a desire for a more profound comprehension before implementing it in teaching. Factors driving the enhancement of SL among these students include the academic environment, social interactions, and personal awareness gained from experiences and activities they engage in.*

**Keyword :** Agrotech, Pre-service Teacher, Student, Sustainability Literacy, Vocational



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