

**9<sup>th</sup> UC Graduate Forum**  
**Sustaining Our Future: Circular Economy in Animal Production,  
Agriculture, and Forestry**  
**16-19 July 2024**

**Introduction**


In an era characterized by growing environmental challenges, the imperative to transform our agricultural and forestry practices has never been more pressing. The concept of a circular economy, with its principles of resource efficiency, waste reduction, and sustainability, has emerged as a beacon of hope for industries long reliant on conventional linear models. Welcome to "Sustaining Our Future: Circular Economy in Agriculture and Forestry," a groundbreaking exploration into the sustainable transformation of two pivotal sectors that shape our world.

Agriculture and forestry, cornerstones of civilization, provide us with food, shelter, and the very air we breathe. Yet, as the demands on these sectors intensify, so do the ecological consequences. The circular economy offers a compelling vision for a harmonious coexistence between these industries and the planet. By reimagining the way, we produce, manage, and consume in agriculture and forestry, we not only secure the future of these vital sectors but also contribute to a healthier, more resilient world.

In this seminar, we embark on a journey through the heart of circularity in agriculture and forestry. We'll delve into the fundamentals of the circular economy and its profound relevance to these fields. Together, we'll explore innovative solutions that conserve resources, reduce waste, and pave the way for sustainable prosperity.

From circular farming practices that maximize yields while minimizing environmental impact to sustainable forest management that ensures the longevity of our woodlands, we'll uncover the strategies and technologies that are reshaping the landscape of agriculture and forestry. We'll also examine the policy initiatives and economic opportunities that can catalyze this transformation. Furthermore, "Sustaining Our Future" acknowledges that the circular economy is a call to action rather than just a theoretical idea. It promotes the importance of individuals, corporations, governments, and communities in paving the way for circularity in these fields. We hope to elicit not just ideas but also a shared commitment to change by the end of this session.

Our shared vision, which unites us as we come together for this seminar, is one in which forestry and agriculture coexist peacefully with nature, in which sustainable practices are the rule, and in which we all rise to the challenge of preserving our future. For the benefit of our planet, our communities, and future generations, let's set out on this instructive adventure to explore the revolutionary potential of the circular economy in agriculture and forestry.



### Sub-Themes:

1. Innovation and Practices in Circular Economy
2. Supply Chain Management for Circular Economy
3. Impact of Circular Economy to Watershed Conservation and Climate Change Mitigation
4. Technological Advancements and Digitalization in Food Security and Climate Change

### Objectives

The objective of this Graduate Forum is to:

1. create a dynamic platform where graduate students from various disciplines can engage in meaningful discussions and provide an opportunity for graduate students from UC members to share new knowledge, research ideas, and experiences in an open platform, especially in the Circular Economy in Agriculture and Forestry.
2. introduce the curriculum at UGM, especially across agriculture and Indonesian culture, to strengthen the image of UGM and Indonesia in the eyes of students among UC members so that it is hoped that many international students will be interested in continuing to the next level at UGM.
3. raise awareness about the concept of the circular economy in the context of agriculture and forestry among students, researchers, and academics.
4. encourage further research and collaboration in exploring and implementing circular economy practices in agriculture and forestry.

### Outputs

1. Abstract Proceedings
2. Short Video (3 minutes talk)

### Schedule

No	Date	Time	Activity	Venue
1	Tuesday, 16 July 2023		Arrival of Participant	Tugu Station; Yogyakarta International Airport
<i>Day 1</i>				
2	Wednesday, 17 July 2023	08.00 - 08.30	Registration	Hotel
		08.30	Opening Ceremony	Hotel
		08.30 - 08.40	Video Presentation of Universitas Gadjah Mada	Hotel

		08.40 – 08.50	Welcome remarks: <b>Executive Officer UC UGM</b>	
		08.50 - 08.55	Introduction of University Consortium (SEARCA)	Hotel
		08.55 – 09.05	Opening remarks <b>Rector of Universitas Gadjah Mada</b>	Hotel
		09.05 - 09.15	Award for Invited Speakers	Hotel
		09.15 - 09.30	Photo Session	Hotel
		09.30 - 10.10	Plenary Keynote Speeches	Hotel
		10.10 – 10.30	Morning Break	Hotel
		10.30 – 13.00	Parallel Session I Sub-Theme 1 <i>Innovation and Practices in Circular Economy</i> Lecturer: 30 minutes Presenter: 8-9 participants	Hotel
		10.30 – 13.00	Parallel Session I Sub-Theme 2 <i>Supply Chain Management for Circular Economy</i> Lecturer: 30 minutes Presenter: 8-9 participants	Hotel
		13.00 – 14.00	Break and Lunch	
		14.00 – 16.30	Parallel Session II Sub-Theme 3 <i>Impact of Circular Economy to Watershed Conservation and Climate Change Mitigation</i> Lecturer: 30 minutes Presenter: 8-9 participants	
		14.00 – 16.30	Parallel Session II Sub-Theme 4:	Hotel

			<i>Technological Advancements and Digitalization in Food Security and Climate Change</i> Lecturer: 30 minutes Presenter: 8-9 participants	
		18.00 – 20.00	Welcome Dinner	Hotel
<b>Day 2</b>				
3	Thursday, 18 July 2023	07.30 – 12.00	Visit Borobudur	Borobudur
		12.00 – 13.30	Break and Lunch in Agrotourism Village	Agrotourism Village
		13.30 – 15.30	Agrotourism Village Activity	Agrotourism Village
		15.30 – 18.00	Vote of Thanks and Experience Sharing (Representative from Each University Present)	Agrotourism Village
		18.00 – 19.30	Dinner and cultural performance	Agrotourism Village
		19.30 – 19.45	Certificate and Awards	Agrotourism Village
		19.45 – 20.00	Closing remarks Executive Officer UC UGM	Agrotourism Village
		20.00 – 20.30	Photo session	Agrotourism Village
		20.30 – 21.30	Back to Hotel	
4	Friday, 19 July 2023		Departure	Tugu Station; Yogyakarta International Airport
			Check out Hotel	