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Preface

To cite this article: 2026 *IOP Conf. Ser.: Earth Environ. Sci.* **1623** 011001

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The International Conference on Cattle and Buffalo Science 2025



EDITORIAL MATERIAL

THE ICCBS 2025
INTERNATIONAL CONFERENCE ON CATTLE AND BUFFALO SCIENCE

“Innovations and Sustainability in Cattle and Buffalo Science for Global Food Security”

5-6 November 2025, The ZHM Premiere Hotel, Padang, Indonesia

Editor:
Tevina Edwin, Robi Amizar, Noni Novarista, Zurmiati, Eli Ratni, Roni Pazla, Aronal Arief Putra, Hilda Susanti, Yolani Utami

FACULTY OF ANIMAL SCIENCE
UNIVERSITAS ANDALAS
PADANG - INDONESIA

The International Conference on Cattle and Buffalo Science 2025

FOREWORD
ORGANIZING COMMITTEE

It is a great honor for me, on behalf of the Organizing Committee, to welcome all participants, speakers, and contributors to the International Conference on Cattle and Buffalo Science (ICCBS) 2025, held on November 5–6, 2025, at The ZHM Premiere Hotel, Padang, Indonesia.

This international event, themed "Innovations and Sustainability in Cattle and Buffalo Science for Global Food Security," serves as a collaborative platform for researchers, academicians, practitioners, and policymakers from around the world to share their latest scientific findings, innovative ideas, and best practices related to cattle and buffalo research. The conference also aims to strengthen partnerships that promote sustainable livestock development in support of global food security and the SDGs.

The Book of Abstracts presents a wide range of studies encompassing genetics and breeding, nutrition and feeding, reproduction and physiology, health management, milk and meat production, sustainability and environmental issues, precision livestock technology, and socio-economic aspects of cattle and buffalo farming. These scientific contributions reflect the dynamic progress and growing global interest in advancing livestock research toward innovation, sustainability, and resilience.

I would like to express my deepest appreciation to all keynote and invited speakers, reviewers, and contributors for their valuable efforts in making this event possible. My sincere gratitude also goes to the Faculty of Animal Science, Universitas Andalas, and all supporting institutions for their continuous collaboration and commitment.

It is our hope that this conference will inspire further research collaborations and foster innovative solutions for the challenges facing cattle and buffalo industries worldwide.

Padang, November 2025

Dr. Ir. Roni Pazla, S.Pt., M.P., IPM

Chairman, Organizing Committee

International Conference on Cattle and Buffalo Science (ICCBS) 2025

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"Innovations and Sustainability in Cattle and Buffalo Science for Global Food Security"
5-6 November 2025, Padang, Indonesia

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The International Conference on Cattle and Buffalo Science 2025

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CONFERENCE PROGRAM

DAY	TIME (GMT+8)	PROGRAMS	PIC
Wednesday 5 November 2025	07.00 – 08.00	Registration	Committee
	08.00 – 08.15	Opening ceremony, Traditional Dance	MC
	08.15 – 08.20	Praying	Ade Sukma, Ph.D
	08.20 – 08.25	Indonesian National Anthem "Indonesia Raya"	Committee
	08.25– 08.35	Opening remarks by chairman	Dr. Ir. Roni Pazla, S.Pt., M.P., IPM
	08.35 – 08.45	Welcome speech by Dean of Faculty of Animal Science	Prof. Dr. Ir. Mardiati Zain, MS.
	08.45-08.55	Welcome speech by Mayor of Padang Indonesia	H. Fadly Amran, B.B.A
	08.55 – 09.05	Welcome speech by Rector of Universitas Andalas	Dr. Efa Yonnedi, SE, MPPM, Akt, CA, CRGP
	09.05 – 09.35	Keynote Speaker	Dr. Tri Melasari, S.Pt., M.Si.
	09.35 – 09.40	Presenting a placard to the keynote speaker as a token of appreciation	Committee
	09.40-10.40	Plenary Session I	1. Assoc. Prof. Gustavo J. Lascano (Clemson University United States)
			2. Assoc Prof. Dr. Chai-yawan Wattanachant (Prince of Songkla University Thailand)
			Moderator: Dr. Ir. Hilda Susanti, S.Pt., M.Si., IPM

	10.40-10.45	Presenting a placard to the keynote speaker as a token of appreciation	Committee and MC
	10.45-11.45	Plenary Session 2	**1.** Prof. Dr. Irwandi Jaswir (Internasional Islamic University Malaysia)
			2. Dr. Fitrini, S.P., M.Ec. (Universitas Andalas, Indonesia)
			Moderator: Dr. Ir. Evitayani, S.Pt., M.Agr., IPM., ASEAN.Eng
	11.45-11.50	Presenting a placard to the keynote speaker as a token of appreciation	Committee and MC
	11.50-12.50	Plenary Session 3	**1.** Prof. Dr. Yusuf Konca (University of Erciyes Turkiye)
			2. Prof. Ir. Suhubdy, Ph.D (University of Mataram Indonesia)
			Moderator: Dr. Ir. Rusmana WSN, M.Rur, Sc. IPU.
	12.50-12.55	Presenting a placard to the keynote speaker as a token of appreciation	Committee and MC
	14.00-15.30	Parallel Session Break out room	Committee and Presenter
	15.30-16.30	Best Presenter Announcement Closing Ceremony Closing Remark	Committee, Dean of Faculty of Animal Science
Thursday 6 November 2025	Start at 07.00	**Field Trip**	Committee, Presenter, & Participant