## STAFF HANDBOOK

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Academic carrer	:	Professor
Major Subject	:	Management of Dairy Farms
Employment	:	Lecturer
Research and development projects over the last 5 years	:	<ol> <li>Development of a diversity-based selection model and phenotype of Bali Cattle in the Breeding Installation Area of Bone Regency. (2014)</li> <li>Evaluation of Heavy Metal Contamination in Meat and Organs of Cattle Grazed in Post-Mining Land of PT. Vale, Tbk Sorowako Post- Quarantine Outside Mine Locations. (2015)</li> </ol>
		3. The Potential of Dangke Whey as Basic Material for Making Edible Films and Their Applications as Packaging for Food Products. (2016)
		4. The Model of Improve Critical Land through Corn-Beef Integration Technology with Zero Waste in Sidrap Regency, South Sulawesi. (2016)
		5. IbW in Maiwa District of Enrekang to Support Hasanuddin University Maiwa Breeding Center Program. (2016)
		6. Implementation of the Concept of Feces Stock Integrated with Green Concentration to Increase Productivity of Dairy Cattle Farm in Enrekang Techno Park Area. (2016)
		7. Evaluation of Heavy Metal Contents in Beef Cattle Grazing in Landfill and that Handling Solutions. (2017)
		8. Science and Technology for Cendana Village, Cendana District (Green village development based on bioresource). (2017-2019)

	9. Concentrate feed of early feeding to support Maiwa Breeding Center. (2017)
	10. The Use of Various Sources of Fiber in Complete Feed Formulation that Containing Cocoa Pulp. (2018)
	11. Formulation Mixed-cropping of Pennisetum purpureum with Indigofera and Feed Concentrate Containing Cocoa Pulp for Performance of Bali Cattle. (2018)
	12. Complete feed rice mol fermented for livestock fattening based on agricultural and industrial waste. (2019)
	13. Increasing of Pregnancy Rate of Bali Cattle through Supplementation Urea Molasses Block Based on Indigofera. (2019)
Industry collaborations over the last 5 years	
Patent and proprietary rights	
Important publications over the last 5 years	: 1. Tati Murniati, Muhammad Idrus, D. P. Rahardja, A. L. Toleng and <b>Ambo Ako</b> . 2015. Effect of Maternal Nutrition at Different Stages of Pregnancy in Goats (Etawa Cross and Kacang) on Performance of Does and Goat Kids. ( <i>International Journal of Science and Research</i> , Vol. 4 No. 9: ).
	2. Muh. Ridwan B., Wempie Pakiding and <b>Ambo Ako</b> . 2015. The performance of laying hen reared in free-range system with different time of natural shade. ( <i>Proc. Kuala Lumpur International Agriculture</i> , Forestry and Plantation Conference, Proc. KLIAFP).
	3. Indri Putri Utami, Wempie Pakiding and <b>Ambo Ako</b> . 2015. Behavior of laying hen rearing in free-range system with different times of natural shade. ( <i>Proc. Kuala Lumpur International Agriculture</i> , <i>Forestry and Plantation Conference, Proc. KLIAFP</i> ).
	4. Hasan, S., <b>Ambo Ako</b> , F. R. Zakaria and A. Purnama. 2016.  Determination of heavy metals in meat and organs of cattle maintained and grazed in mine revegetation area after have been quarantined.  (American-Eurasian Journal of Sustainable Agriculture, Vol. 10 (2) ISSN. 1995-0748).
	5. <b>Ambo Ako</b> , S. Baba, Fatma, Jamila and Muhammad Rusdy. 2016. Effect of Complete Feed Silage Made from Agricultural Waste on Milk Yield and Quality of Dairy Cows. ( <i>OnLine Journal of Biological Science, Vol. 16 No. 4, ISSN. 1608-4217</i> ).

6. Hasyim, H., Y. Ishii, Ahmad Wadi, Ambo Ako Sunusi, S. Fukagawa and S. Idota. 2016. Residual Effects of Compacted Digested Effluent on Growth of Dwarf Napier Grass in Warm Regions of Japan. (Journal of Experimental Biology and Agricultural Sciences, Vol. 4 No. 1, ISSN. 2320-8694). 7. Budiman Nohong and **Ambo Ako**. 2016. Raising, Sustaining Productivity and Quality in Mixtures Imperata Cylindrica-Stylosanthes Guyanensis Pastures with Phosphorus Fertilization and Defoliation Management. (American Scientific Research Journal for Engineering, Technology, and Sciences, Vol. 16 No. 1, ISSN. 2313-4402). 8. Hasan, S., A. Natsir, Ambo Ako, Andi Purnama and Y. Ishii. 2016. Evaluation of Tropical Grasses on Mine Revegetation for Herbage Supply to Bali Cattle in Sorowako, South Sulawesi, Indonesia. (OnLine Journal of Biological Sciences, Vol. 16 No.2, ISSN, 1608-*4217*). 9. Muhammad Rusdy and **Ambo Ako.** 2017. Allelopathic effect of Lantana camara and Chromolaena odorata on germination and seedling growth of Centrosema pubescens. (International Journal of Applied Environmental Sciences, Volume 12 (10, ISSN. 0973-6077). 10. Rahmawati, Ambo Ako, Jamila, Purnama Isti Khaerani, Sema, S. Hasan. 2018. Evaluation of Pb Metal in Organic Waste and Cattle Grazed in Tamangapa Landfill, Makassar, South Sulawesi, Indonesia. (American Eurasian Journal of Sustainable Agriculture, Volume 12 (2): 11-16, ISSN: 1995-0748, EISSN: 1998-1074). 11. Ambo Ako, Renny Fatmyah Utamy, S. Nompo, Purnama Isti Khaerani, Sema, Rahmawati and S. Hasan. 2019. Heavy Metal Contents in Beef Cattle Grazing in Landfill of Makassar City, Indonesia. (OnLine Journal of Biological Sciences, Vol. 19 No.3, ISSN. 1608-4217). 12. Ambo Ako, A. Mujnisa, A. Natsir. 2019. Performance of local goat fed on complete feed containing cocoa pulp with different fiber sources. (Proc. IOP Earth and Environmental Science). Teaching, researching and community service. Activities in specialist bodies over the last 5 vears