

STAFF HANDBOOK

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Academic carrer	:	Bachelor Degree : Hasanuddin University MAKASSAR (1971-1978) Magister Degree : Miyazaki University JAPAN (1982-1985) Doctoral Degree : Kyushu University JAPAN (1985-1989) Post Doctoral Degree: Miyazaki University JAPAN (1997)
Major Subject	:	Forage and pasture science
Employment	:	Professor- Lecturer
Research and development projects over the last 5 years	:	<ol style="list-style-type: none"> 1. Formulasi Pakan Komplit Berbahan Baku Lokal untuk Pertumbuhan Sapi <i>Brachman Cross</i> di Kabupaten Wajo Provinsi Sulawesi Selatan. Bekerjasama IPTEKDA LIPI dengan Fakultas peternakan Universitas Hasanuddin, 2014. 2. Pengujian dan evaluasi kontaminasi logam berat pada Daging dan organ tubuh sapi yang dipelihara pada lahan pasca tambang dan diluar lahan pasca tambang PT.VALE, Tbk. Funded by Ministry of Research, Technology and Higher Education of Indonesia (2014-2015) 3. Penerapan Teknologi Pengolahan Hijauan Pakan dan Limbah Pertanian dalam Mendukung Usaha Peternakan Sapi Bali yang Berbasis Lingkungan Sehat di Desa Tteppo, Kecamatan Tellu Limpoe, Kabupaten Sidenreng Rappang, Sulawesi Selatan. Bekerjasama IPTEKDA LIPI dengan Fakultas Peternakan Universitas Hasanuddin, 2015. 4. Peningkatan Produktivitas Padang Penggembalaan Kritis melalui Pemanfaatan <i>Biological Nitrogen Fixation</i> (BNF) dan Introduksi Sapi Potong di Kabupaten Sidrap Provinsi Sulawesi Selatan. Funded by

	<p>Ministry of Research, Technology and Higher Education of Indonesia (2015) (Kemenristekdikti- Fakultas Peternakan Universitas Hasanuddin-)</p> <ol style="list-style-type: none"> 5. Model Peningkatan Produktivitas Lahan Kering-Kritis Melalui Teknologi Integrasi <i>Corn-beef</i> dengan <i>Zero Waste</i> di Kabupaten Sidrap Provinsi Sulawesi Selatan Funded by Ministry of Research, Technology and Higher Education of Indonesia (2016) (Kemenristekdikti--Fakultas Peternakan Universitas Hasanuddin) 6. Pelatihan Pemanfaatan Pupuk Organik Cair Berbahan Baku Enceng Gondok dan Urine Kambing Pada Tanaman Pangan di Kota Palopo, 2016 (Dinas Pertanian, Ketahanan Pangan dan Holtikultura Provinsi Sul-Sel--Fakultas Peternakan Universitas Hasanuddin) 7. Pelatihan Pemanfaatan Pupuk Organik Cair Berbahan Baku Enceng Gondok dan Urine Kambing Pada Tanaman Pangan di Kabupaten Luwu Utara, 2016 (Dinas Pertanian, Ketahanan Pangan dan Holtikultura Provinsi Sul-Sel-LP2M Universitas Hasanuddin) 8. Study Manajemen Pengembangan Usaha Mikro, Kecil dan Menengah (UMKM) Provinsi Sulawesi Selatan. 2016 (Dinas Koperasi Provinsi Sul-Sel dengan LP2M Universitas Hasanuddin) 9. Rencana Detail Tata Ruang (RDTR) Kawasan Pengembangan Kerbau Terpadu Pertanian Dan Pariwisata Di Kabupaten Toraja Utara (BAPPEDA TORAJA UTARA- LP2M Universitas Hasanuddin) 2016 10. Penerapan Teknologi Fermentasi Pakan <i>complete</i> untuk penggemukan sapi potong dalam Mendukung Pemberdayaan Kelompok Tani Ternak Di Kabupaten Takalar Provinsi Sulawesi Selatan (Kemenristekdikti- DPR-RI-LP2M Universitas Hasanuddin - PEMDA Takalar). 2017. 11. Penerapan Teknologi Fermentasi Gulma dan Urin Kambing Menjadi Pupuk Organik Cair Untuk Mendukung Pemberdayaan Kelompok Tani-Ternak di Kabupaten Wajo, Provinsi Sulawesi Selatan. 2017 (Kemenristekdikti- DPR-RI-LP2M Universitas Hasanuddin -PEMDA WAJO) 12. Penerapan Teknologi Manajemen Ayam Buras Untuk Meningkatkan Pendapatan Petani-Peternak di Kabupaten Soppeng, Provinsi Sulawesi Selatan (Kemenristekdikti- DPR-RI-LP2M Universitas Hasanuddin -PEMDA Soppeng). 2017. 13. Teknologi Pemanfaatan Mikroorganisme Lokal Dalam Pakan Untuk Meningkatkan Produktivitas Ternak Kambing Di Kabupaten Sidenreng Rappang. (PEMDA SIDRAP-LP2M Universitas Hasanuddin) 2017.
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Industry collaborations over the last 5 years	:	<ol style="list-style-type: none"> 1. Pengujian dan evaluasi kontaminasi logam berat pada Daging dan organ tubuh sapi yang dipelihara pada lahan pasca tambang PT.VALE, Tbk. (2014-2015) (PT.VALE, Tbk-LP2M Universitas Hasanuddin) 2. Pemanfaatan limbah kakao sebagai pakan (2015) (PT. MARS Bioscience-Fakultas Peternakan Universitas Hasanuddin)
Patent and proprietary rights		<ol style="list-style-type: none"> 1. SEAMEO Jasper Fellowship Monograph, 2001 2. IPTEKDA Award by Ministry of Research, Technology and Higher Education of Indonesia, 2006 3. Hijauan Pakan Tropik, IPB Press 2012 Cet.I 4. Hijauan Pakan Tropik, IPB Press 2015 Cet.II 5. Pengembangan Sapi Potong Berbasis Teknologi, Ekonomi, dan Sosial Budaya, POLIMEDIA PUBLISHING Kampus Polimedia Jagakarsa-Indonesia C1/05/2018 ISBN: 978-602-6372-18-5
Important publications over the last 5 years	:	<ol style="list-style-type: none"> 1. Selected Minerals in Meat of Cattle Grazing in Mine Revegetation Areas and Safe Consumption for Human, Volume 30.2014. Food Science and Quality Management. 2. Seminar Nasional Teknologi dan Agribisnis peternakan untuk Akselerasi Pemenuhan Pangan Hewani (Seri II)” Model Pengembangan Sapi Potong Berbasis Peternakan Rakyat dalam Mendukung Program Swasembada Daging Sapi Nasional, Jawa Tengah, 14 Juni 2014. 3. Seminar Nasional Teknologi dan Agribisnis Peternakan untuk Akselerasi Pemenuhan Pangan Hewani (Seri II)” Tantangan Pengembangan Pasture pada Lahan Pasca Tambang PT.INCO,Tbk Sorowako Kabupaten Luwu Timur Provinsi Sulawesi Selatan, Jawa Tengah, 14 Juni 2014. 4. Accessibility Goat Livestock Cooperation With The Gover and Collecting Sulawesi Province AMERICAN-EURASIAN JOURNAL OF SUSTAINABLE AGRICULTURE ISSN: 1995-0748, EISSN: 1998-1074 2015, volume(9),issue(7):pages(13-18 Published Online September 2015. http://www.aensiweb.com/AEJSA 5. Seminar Nasional Peternakan Berkelanjutan 7, Pengembangan Sumber Daya Lokal Dalam Agribisnis Peternakan. Pengaruh Faktor Sosial dan Ekonomi Petani terhadap Adopsi Pemanfaatan

	<p>Biological Nitrogen Fixation (BNF) pada Padang Penggembalaan Sapi Potong di Kabupaten Sidrap Provinsi Sulawesi Selatan. Universitas Padjadjaran Fakultas Peternakan. http://peternakan.unpad.ac.id. 11 November 2015. Jatinangor Bandung. ISBN: 978-602-74116-1-6</p> <p>6. Seminar Nasional Peternakan berkelanjutan “Pengembangan Sumber Daya Lokal Dalam Agribisnis Peternakan (Seri 7). Peningkatan Produktivitas Padang Penggembalaan Kritis melalui Pertanaman Campuran antara rumput dan legume sebagai sumber Biological Nitrogen Fixation (BNF) di Kabupaten Sidenreng Rappang, Sulawesi Selatan. 11 November 2015. Jatinangor Bandung. ISBN: 978-602-74116-1-6</p> <p>7. Evaluation of Tropical Grasses On Mine Revegetation for Herbage Supply to Bali Cattle in Sorowako, South Sulawesi, Indonesia. Volume 16 (2) Hal 102.106. Online Journal of Biological Sciences, 2016</p> <p>8. Determination of heavy metals in meat and organs of cattle maintained and grazed in mine revegetation area after have been quarantined. Volume 10 (2) Hal 43.47. American – Eurasian Journal of Sustainable, 2016</p> <p>9. Buffalo’s potency to support the development of techno park area in North Toraja, South Sulawesi, Indonesia. Volume 10 (2) Hal 48.54. American – Eurasian Journal of Sustainable Agriculture, 2016</p> <p>10. Development model of Goat Farming Business Base on Productive Economy in Majene Regency, West Sulawesi, Indonesia. Volume 10 (3) Hal 1.5. American – Eurasian Journal of Sustainable Agriculture, 2016</p> <p>11. The Effect of a Different form of Corn Cob Based Completed Feed On the Consumption, Characteristic, and Ruminant Fermentation on Ruminants Volume 30 (5) Hal 75.86. International Journal of Sciences Basic and Applied Research (IJSBAR), 2016</p> <p>12. Carrying Capacity and Botanical Diversity of Pastoral Range in Gowa Regency Volume 29 (3) Hal 105.111. International Journal of Sciences Basic and Applied Research (IJSBAR), 2016</p> <p>13. The Effect of a Different form of Corn Cob Based Completed Feed On the Consumption, Characteristic, and Ruminant Fermentation on Ruminants, 2016, 30(5): 75-86</p> <p>14. Seminar Internasional The 17th Asian-Australasian Association of Animal Production Societies Animal Science Congress (17th AAAP). Mineral Toxic in Tropical Forage and Selected Tissue of</p>
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	<p>Cattle. 22-25 August 2016 Fukuoka Japan.</p> <ol style="list-style-type: none"> 15. Seminar Nasional Optimalisasi Sumber Daya Lokal Peternakan (Seri II). Evaluasi Kualitas Pertanaman Campuran antara <i>Pennisetum purpureum</i> Cv. <i>Mott</i> dengan <i>Macropitillum atropurpureum</i> Pada Lahan Kering-Kritis di Kabupaten Sidenreng Rappang. 25 Agustus 2016 Makassar Sulawesi Selatan 16. Seminar Nasional Optimalisasi Sumber Daya Lokal Peternakan (Seri II). Pengaruh Pemberian Pupuk Cair Dengan Dosis Berbeda Terhadap Pertumbuhan dan Kandungan Nutrisi Rumput Signal (<i>Brachiaria decumbens</i>) Pada Lahan Kering Kritis. 25 Agustus 2016 Makassar Sulawesi Selatan 17. The Characteristics of Integration System of Buffalo Cultivation in North Toraja Regency. AMERICAN-EURASIAN JOURNAL OF SUSTAINABLE AGRICULTURE ISSN: 1995-0748, EISSN: 1998-1074 2017, volume(11), issue(1): pages (6-10) Published Online 28 February 2017 in http://www.aensiweb.com/AEJSA/ 18. <i>Peranan Teknologi Pemanfaatan Mikroorganisme Lokal dalam Pakan Untuk Meningkatkan Produktivitas Ternak Kambing di Kab.Sidrap</i> Buletin Peternakan Media Informasi dan Komunikasi Edisi IV 2017. ISSN 1858 -0777 19. <i>Dosage Effects of Lactococcus lactis ssp. Lactis</i> Science(IJPS). Vol 17 (2) Tahun 2018, ISSN 1682-8356 DOI: 10.3923/Ijps.2018.100.105 http://scialert.net/jindex.php?issn=1682-8356 http://scialert.net/qredirect.php?doi=ijps.2018.100.105&linkid=pdf 20. Integrated Agricultural System Study on Crops: Intercropping of Corn - Peanut and Beef Cattle Fattening, Int. J. Curr. Res. Biosci.PlantBiol. (2018) 5(4),24-29 21. Evaluation of Pb Metal in Organic Waste and Cattle Grazed in Tamangapa Landfill, Makassar, South Sulawesi, Indonesia AMERICAN-EURASIAN JOURNAL OF SUSTAINABLE AGRICULTURE ISSN: 1995-0748, EISSN: 1998-1074 2018, volume (12), issue (2): pages (11-16) DOI: 10.22587/aejsa.2018.12.2.3 Published Online in June http://www.aensiweb.com/AEJSA/ 22. Quality Of Silage Made From A Combination Of Corn Straw And Peanut Straw And Its Effects On Bali Cattle Performance. Pak. J. Biotechnol.Vol 15 (3) 671-675 (2018) ISSN.Print:1812-183.www.pjbt.org ISSN Online: 2312-7791. 23. Effect of Liquid Organic Fertilizer and Defoliation Interval on
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	<p>Growth Characteristics and Quality of Elephant Grass CV.Taiwan. International Journal of Scientific and Research Publications, Volume 8, Issue 10, October 2018. ISSN 2250-3153.</p> <p>24. The Effect of Natural Bioactivators on Growth and Nutrient Content of Taiwan Grass (<i>Pennisetum purpureum schumacher</i>) in Marginal Soil. International Journal of Scientific and Research Publications, Volume 8, Issue 10, October 2018 ISSN 2250-3153. DOI:10.29322/IJSRP.8.10.2018.p8291 http://dx.doi.org/10.29322/IJSRP.8.10.2018.p8291</p> <p>25. Karakteristik Pertumbuhan dan Produksi Rumput <i>Brachiaria brizantha</i> yang diberi Pupuk Hijau Cair pada lahan Marginal. SEMNAS IFS 2018 25 November 2018 Gorontalo</p> <p>26. Peran <i>Biological Nitrogen Fixation</i> (BNF) Terhadap Pertumbuhan dan Produksi Rumput <i>Pennisetum Purpureum cv. Mott</i> dengan Introduksi Legum <i>Macropitillum atropurpureum</i>. SEMNAS IFS 2018 25 November 2018 Gorontalo</p> <p>27. Produksi dan Kadar protein kasar Rumput <i>Brachiaria decumbens</i> dengan Level Pemberian Pupuk Organik Cair dan Umur Pemotongan. SEMNAS IFS 2018 25 November 2018 Gorontalo</p> <p>28. Effect of Defoliation Interval on Growth and Quality of <i>Brachiaria brizantha</i>, <i>Brachiaria decumbens cv.mulato</i> and <i>Brachiaria decumbens</i> Grass on Critical Dry Land. International Journal of Scientific and Research Publications, Volume 9, Issue 1, January 2019 ISSN 2250-3153. DOI: 10.29322/IJSRP.9.01.2019.p8526 http://dx.doi.org/10.29322/IJSRP.9.01.2019.p8526.</p> <p>29. Chemical Properties of High-Quality Cassava Flour (HQCF) from Several Varieties of Cassava. <i>Pakistan Journal of Nutrition</i>, 17: 615-621. 2019</p> <p>30. Introduction of Centro Legume (<i>Centrosema Pubescens</i>) and dwarf grass (<i>Pennisetum Purpureum cv. Mott</i>) in improving production and quality of grassland. International Journal of Scientific and Research Publications, Volume 9, Issue 3, March 2019 ISSN 2250-3153. DOI: 10.29322/IJSRP.9.03.2019.p8737</p> <p>31. Heavy Metal Contents in Beef Cattle Grazing in Landfill of Makassar City, Indonesia. OnLine Journal of Biological Sciences. DOI: 10.3844/ojbsci.2019</p> <p>32. Utilization Of Urine And Weed Of <i>Chromolaena Odorata</i> As A Basic Materials For Liquid Fertilizer International Conference. IOP Science Index ed (On Progress, 2019)</p>
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Activities in specialist bodies over the last 5 years	:	<ol style="list-style-type: none"> 1. In Cooperation the Republic of Korea (KOICA) 2016 2. Japan International Cooperation Agency Alumni Association of Indonesia (JICA-Indonesia). 2014 3. Ikatan Sarjana Peternakan Indonesia (ISPI) Cabang Sulawesi Selatan 4. Perhimpunan Alumni Dari Jepang (PERSADA) 1989-Sekarang 5. Pengurus Himpunan Ahli Nutrisi Sulawesi Selatan -Sekarang
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