



<b>No.</b>	<b>Judul Penelitian Research Title</b>	<b>Tahun Year</b>	<b>Sumber Dana Source of Funds</b>
12.	Pengembangan Pakan Konsentrat untuk Meningkatkan Kinerja Sapi Induk dan Pedet pada Peternak Rakyat	2020	PRISMA
13.	Perancangan Prototipe Sistem Kontrol Skala Industri untuk Irigasi Perkebunan Presisi Berbasis Iot Menggunakan Transmisi Long Range Wide Area Network (LoRaWAN)	2019	BOPTN BH PIAT UGM
14.	Peningkatan Produktivitas Sapi Potong Melalui Optimalisasi Pemanfaatan Hijauan Pakan Ternak yang Tumbuh Secara Alami di Perkebunan Kelapa Sawit dan Padang Penggembalaan	2019	Program Rekognisi Tugas Akhir, UGM
15.	Peningkatan Produktivitas Sapi Aceh dengan Pemberian Pakan Penguat dengan Komposisi yang Berbeda di Kabupaten Aceh Utara	2019	Penelitian Dasar Unggulan Perguruan Tinggi, Ristekdikti
16.	Pertumbuhan dan Status Kesehatan Pedet dari Induk yang Digembalakan di Lahan Perkebunan Sawit dengan Pakan Tambahan Bungkil Inti Sawit	2019	Penelitian Terapan Unggulan Perguruan Tinggi, Ristekdikti
17.	Strategi Pengembangan Sapi Bali Cross Angus Sebagai Penghasil Daging Premium Melalui Manipulasi Pakan	2019	Penelitian Dasar, Ristekdikti
18.	Peningkatan Produktivitas Sapi Lokal Melalui Perbaikan Manajemen Pemeliharaan Berbasis Sumber Daya Lokal	2019	Penelitian Tesis Magister, Ristekdikti
19.	Pengembangan Pakan Konsentrat untuk Meningkatkan Kinerja Sapi Induk pada Peternakan Rakyat	2019	Australia-Indonnesia Partnership for Promotiaon Rusal Income through Supprtr for Market in Agriculture (PRISMA)
20.	Perubahan Tingkah Laku Seksual Pejantan Sapi Peranakan Ongole pada Dua Metode Pemeliharaan Bersama yang Berbeda	2019	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
21.	Kesejahteraan Kuda Penarik Andong Betina di Daerah Istimewa Yogyakarta	2019	Hibah Pascasarjana Fakultas Peternakan UGM
22.	Pertumbuhan dan Status Kesehatan Pedet dari Induk yang Digembalakan di Lahan Perkebunan Sawit dengan Pakan Tambahan Bungkil Inti Sawit	2018	Penelitian Terapan Unggulan Perguruan Tinggi (PTUPT), Ristekdikti
23.	Peningkatan Produktivitas Sapi Aceh dengan Pemberian Pakan Penguat dengan Komposisi yang Berbeda di Kabupaten Aceh Utara	2018	Penelitian Dasar Unggulan Perguruan Tinggi (PDUPT), Ristekdikti
24.	Strategi Pengembangan Sapi Bali Cross Angus sebagai Penghasil Daging Premium Melalui	2018	Penelitian Strategis Nasional (PSNI),

<b>No.</b>	<b>Judul Penelitian Research Title</b>	<b>Tahun Year</b>	<b>Sumber Dana Source of Funds</b>
	Manipulasi Pakan		Ristekdikti
25.	Pengembangan Pakan Fungsional Yang Bersifat Bioanthelmintik: Penggunaan Hijauan <i>Azadirachta indica</i> Sebagai Bioanthelmintika Pada Domba Ekor Tipis Dan Pengamatan In Farm Di Koperasi Rojo Koyo Gama Mandiri	2018	Hibah Pascasarjana, Fakultas Peternakan UGM
26.	Tingkah Laku Seksual Pejantan dan Induk Sapi Peranakan Ongole Selama satu siklus Estrus Pada Pemeliharaan Bersama	2018	Hibah Tematik Laboratorium, Fakultas Peternakan UGM
27.	Strategi Pengembangan Sapi Premium pada Usaha Pembiakan Sapi potong di Provinsi Jambi	2018	Pra Proposal Multidisiplin batch 1, Universitas Gadjah Mada
28.	Strategi Pengembangan Sapi premium pada Usaha Pembiakan Sapi potong di Provinsi Jambi (Ketua dai 2 Peneliti	2017	UGM
29.	Kinerja Pertumbuhan, Produksi Karkas dan Kualitas Daging Kelinci Rex Jantan pada Umur yang Berbeda *Anggotadari 6 Peneliti)	2017	Tematik Laboratorium Fak. Peternakan UGM
30.	Percepatan Peningkatan Panen Pedet Sapi Bali melalui Penambahan Konsentrat Induk Kondisi Bunting Pada Sistem Integrasi Sapi-Sawit di Provinsi Riau (Peneliti Tunggal)	2016	PUPT DIKTI
31.	Potensi Sapi Aceh dan Upaya Peningkatan Produktivitas melalui Pemberian Pakan Konsentrat (Anggota dari 3 Peneliti)	2016	PUPT DIKTI
32.	Peningkatan Produktivitas Induk Sapi Bali di Peternakan Rakyat Timor Perbatasan Berbasis Low Input Farming System (Ketua dari 4 Peneliti)	2016	STRANAS DIKTI
33.	Pertumbuhan Pasca Sapih Kambing Peranakan Etawah (PE) Ditinjau dari Perbedaan Warna Rambut (Anggota dari 6 Peneliti)	2016	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM

#### **Community Service over the last 5 years**

<b>No.</b>	<b>Judul Kegiatan Activity Title</b>	<b>Tahun Year</b>	<b>Sumber Dana Source of Funds</b>
1.	Perbaikan Sistem Sanitasi Dan Pengembangan Bank Hijauan Di Kelompok Ternak Ngudi Rejeki Dalam Upaya Penyelamatan Induk Bunting Yang Terdampak Pandemi Covid-19	2021	Hibah Teknologi Tepat Guna UGM 2021
2.	Pendampingan dalam Penerapan Biosecurity pada Kuda dan Andong di Paguyuban Andong "Satria Jaya" Yogyakarta	2020	Hibah Tematik Pengabdian Laboratorium Fakultas Peternakan

<b>No.</b>	<b>Judul Kegiatan Activity Title</b>	<b>Tahun Year</b>	<b>Sumber Dana Source of Funds</b>
			UGM
3.	Pelatihan Manajemen Pemeliharaan Sapi Potong pada Kelompok Peternak Sapi Potong "Ngudi Rejeki"	2020	Fakultas Peternakan UGM
4.	Pendampingan Pemeliharaan Kuda di Kelompok Andong Satria Jaya, Daerah Istimewa Yogyakarta	2019	Fakultas Peternakan Universitas Gadjah Mada
5.	Pengembangan Peternakan Domba di Panti Rehabilitasi Pondok Tetirah Dzikir di Kecamatan Berbah, Sleman sebagai Saranan Terapi Rehabilitian dan Sumber Pendapatan Pondok	2019	Fakultas Peternakan Universitas Gadjah Mada
6.	Pendampingan Pemeliharaan Induk Sapi Potong untuk Peningkatan Produktivitasnya di Kelompok Ternak Mergo Andhini Makmur, Desa Bolu, Seyegan, Sleman	2018	Pengabdian Kepada Masyarakat (PKM), Ristekdikti
7.	Peningkatan Panen Pedet Sapi Potong dan Produksi Kompos Berkualitas di Kelompok Ternak Mergo Andhini Makmur, Kecamatan Seyegan, Kabupaten Sleman	2018	Teknologi Tepat Guna, Universitas Gadjah Mada
8.	Penerapan Sistem Segmentasi Usaha Peternakan Kambing untuk Meningkatkan Produktivitas Ternak di Kelompok Ternak Sumber Gesang Makaryo, Dukuh Jeruken, Girisekar, Panggang, Gunungkidul	2018	Hibah Pengabdian Tematik Laboratoruim Fakultas Peternakan UGM
9.	Pelatihan dan Pendampingan Budidaya Ayam Kampung Super untuk Santri dan Masyarakat Sekitar Pondok Pesantren "Baitul Qur'an" Dusun Karangijo Kulon Desa Ponjong Kecamatan Ponjong Kabupaten Gunung Kidul	2018	Hibah Pengabdian Tematik Laboratoruim Fakultas Peternakan UGM dan Ponpes Baitul Qur'an
10.	Peningkatan Pendapatan Peternak Sapi Potong Melalui Panen Pedet dan Pupuk Kompos Berkualitas	2017	IbM DIKTI
11.	Aplikasi Teknologi Pakan Sapi Di Kelompok Petani-Peternak Sawit-Sapi di Kabupaten Rokan Hulu Riau untuk Meningkatkan Produktivitas Ternak	2017	LPPM UGM
12.	Peningkatan Produktivitas Kambing di Kelompok Ternak Sumber Makmur, Padukuhan Cepogo, Purwodadi, Tepus, Gunung Kidul	2017	Hibah Tematik Laboratorium Fak. Peternakan UGM
13.	Optimalisasi Pemeliharaan Induk Sapi pada Sistem Mix-Farming di Kelompok Ternak Sumber Ayu, Desa Brayut, Sleman	2017	Hibah Pascasarjana Fak. Peternakan UGM
14.	Penerapan Flushing untuk Meningkatkan Kinerja Induk Kambing Bligon di Kelompok Ngudi Mulyo, Padukuhan Puleireng, Sidoharjo, Tepus, Gunungkidul	2016	Hibah Tematik Pengabdian Fakultas Peternakan

### Important publications over the last 5 years

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
1.	Sustainability studies of smallholder livestock based on climatological conditions, land resources and farmer profile (Anggraini, L.J., Panjono,, Ngadiyono, N., Bintara, S., <b>Baliarti, E.</b> )	2021	IOP Conference Series: Earth and Environmental Science, 2021, 667(1), 012091
2.	Designing genetic impact assessment for crossbreeding with exotic beef breeds in mixed farming systems (Widi, T.S.M., Udo, H., Oldenbroek, K., Budisatria I.G.S., <b>Baliarti, E.</b> , der Zijpp, A.V.)	2021	Outlook on Agriculture, 2021, 50(1), pp. 34–45
3.	Drinking and feeding behavior of Ongole Crossbred Heifer with water-free access at MergoAndhini Makmur Farmer Group, Yogyakarta, Indonesia ( <b>Baliarti, E.</b> , Astuti, A., Wiandita, A., Listia Astrini, A.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 518(1), 012010
4.	Calf production of Bali cows in cattle-oil palm plantation integration system in Riau Province Indonesia ( <b>Baliarti, E.</b> , Gede Suparta Budisatria, I., Panjono,, Andri Atmoko, B., Maulana, H.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 518(1), 012015
5.	Nutrient Adequacy Evaluation of Aceh Cattle Fed with Concentrate for Forage Substitution and Performance Improvement (Budisatria, I.G.S., Atmoko, B.A., <b>Baliarti, E.</b> , Widi, T.S.M., Ibrahim, A., Vierman, A.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 465(1), 012019
6.	Sexual behaviors of Ongole Crossbred bulls and cows with colony housing system ( <b>Baliarti, E.</b> , Panjono,, Ali, M.H., Widi, T.S.M., Yulianto, D.E., Atmoko, B.A., Maulana, H., Effendhy, J., Prihandini, P.W., Pamungkas, D.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 465(1), 012045
7.	In vitro anthelmintic activity of kersen leaf ( <i>Muntingia calabura</i> ) infusion against to <i>Haemonchus contortus</i> worm (Sakti, A.A., Kustantinah,, Nurcahyo, R.W., <b>Baliarti, E.</b> , Suwignyo, B.)	2020	IOP Conference Series: Earth and Environmental Science, 2020, 462(1), 012005
8.	Percentage of Bali Cattle Potential as Breeders in West Lombok Regency, West Nusa Tenggara Province, Indonesia (Muhammad Andika Prasetya, I Gede Suparta Budisatria, Tri Satya Mastuti Widi, Sigit Bintara, <b>Endang Baliarti</b> )	2020	International Research Journal of Advanced Engineering and Science, Volume 6, Issue 1, pp. 101-103, 2021
9.	Siklus Estrus Dan Profil Hormon Reproduksi Induk Sapi Peranakan Ongole Dan Silangan Simmental-Peranakan Ongole (BMW Tiro, S Tirajoh, PA Beding, <b>E Baliarti</b> )	2020	Jurnal Pertanian Agros 22 (2), 105-112

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
10.	Tingkah Laku Seksual Pejantan dan Induk Sapi Peranakan Ongole dengan Sistem Perkandangan Koloni Terbatas ( <b>E Baliarti</b> , TSM Widi, DEY Yulianto, MH Ali, BA Atmoko, H Maulana, J Effendhy, PW Prihandini, D Pamungkas)	2020	Prosiding Seminar Nasional Teknologi Peternakan dan Veteriner, 77-85
11.	Consumption and Body Weight of Bali Cows Fed Only Forage from a Palm Oil Plantation Under Indonesian Tropical Environmental Conditions (Eny Endrawati, Panjono, Bambang Suhartanto, <b>Endang Baliarti</b> )	2020	Pakistan Journal of Nutrition Vol 9 No. 2: 86-90
12.	The Effect of Altitude on Morphometrics of Bali Cattle in The Bali Province, Indonesia (Lanny Julistian A, <b>Endang Baliarti</b> , Panjono)	2020	International Journal of Agriculture, Forestry and Plantation, Volume 10, 2020: 30-33.
13.	The use of oil palm fronds as an energy source for pregnant Bali cow ration and its effect on the cow's performances (Ida Ketut Mudhita Mahosadi, <b>Endang Baliarti</b> , Subur Priyono Sasmito Budhi, Nafiatul Umami, Cuk Tri Noviandi, I Gede Suparta Budisatria)	2020	International Journal of Agriculture, Forestry and Plantation, Volume 10(10), 2020: 356-360
14.	Rescue Pregnant Cow in Smallholder Farmers Affected by Pandemic Covid-19 As an Application of Feed Technology of Concentrate ( <b>Endang Baliarti</b> , Hamdani Maulana, Astrid Listia Astrini, Ahmad baidlowi, Nono Ngadiyono, I Gede Suparta Budisatria, Panjono, Tri Satya Mastuti Widi, Danang Eko Yulianto, bayu Andri Atmoko)	2020	Programme Book The 2nd International Conference on Community Engagement and Education for Sustainable Development (ICCEESD) 2020. Yogyakarta 24-25 November 2020, page: 138-139
15.	Analisis Produktivitas Sapi dengan Pemeliharaan Terintegrasi Perkebunan Kelapa Sawit ( <b>Endang Baliarti</b> , Hamdani Maulanai, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Panjono, Nono Ngadiyono, I Gede Suparta Budisatria)	2020	Prosiding Integrated Cattle and Oil -Palm Production (ICOP) Conference 2019 "Promoting Profitable Cattle and Oil -Palm Integration", Jakarta, 23 October 2019. Hal: 218-226. Penerbit: BPPT Press, Jakarta. ISBN: 978-602-410-165-7
16.	Pertumbuhan Pra-Sapih Sapi Bali Pedet yang Dipelihara di Perkebunan Kelapa Sawit pada Musim Berbeda (Panjono, I Gede Suparta Budisatria, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Nono Ngadiyono, Hamdani Maulana, Bayu Andri Atmoko, and <b>Endang Baliarti</b> )	2020	Prosiding Integrated Cattle and Oil -Palm Production (ICOP) Conference 2019 "Promoting Profitable Cattle and Oil -Palm Integration", Jakarta, 23 October 2019. Hal: 266-267. Penerbit: BPPT Press, Jakarta. ISBN: 978-

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			602-410-165-7
17.	Accompaniment on Application of Concentrates as Cattle Feed for Palm-Oil Plantation Farmers ( <b>Endang Baliarti</b> , Hamdani Maulana, Nono Ngadiyono, I Gede Suparta Budisatria, Panjono, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Bayu Andri Atmoko)	2020	Jurnal Pengabdian kepada Masyarakat (Indonesian Journal of Community Engagement) Vol. 6 No. 2: 51-61 ISSN: 2541-5883 DOI: 10.22146/jpkm.53749
18.	Membangun Sistem Integrasi Sawit-Sapi di Indonesia: Menuju Kemandirian di Bidang Produksi Sapi ( <b>Endang Baliarti</b> , Panjono, I Gede Suparta Budisatria)	2020	Buku: Cetakan 1, jumlah: 105 hal. Penerbit: Gadjah Mada University Press, Yogyakarta. ISBN: 978-602-386-874-6
19.	Calf production of Bali cows in cattle-oil palm plantation integration system in Riau Province Indonesia ( <b>Endang Baliarti</b> , I Gede Suparta Budisatria, Panjono, Bayu Andri Atmoko, Hamdani Maulana)	2019	The 5th International Seminar Agribusiness 2019. Faculty of Animal and Agricultural Sciences Diponegoro University
20.	Analysis of Cattle Productivity kept Integrated with Oil Palm Plantations ( <b>Endang Baliarti</b> , H. Maulana, T.S.M. Widi, M.D.E. Yulianto, Panjono, N. Ngadiyono, I.G.S. Budisatria)	2019	Integrated Cattle and Oil Palm Production (ICOP) Conference 2019. BPPT with Indonesia Australia Red Meat & Cattle Partnership Integrated Cattle and Oil Palm Production (ICOP) Conference 2019. BPPT with Indonesia Australia Red Meat & Cattle Partnership
21.	Reproductive Management and Performances of Aceh Cows, Local Indonesia cattle Kept by Farmers in a Traditional System (I Gede Suparta Budisatria, <b>Endang Baliarti</b> , Tri Satya Mastuti Widi, Alek Ibrahim, Bayu Andri Atmoko)	2019	American-Eurasian Journal of Sustainable Agriculture. AENSI Publisher AET.
22.	Bull and Cows Sexual Behavior of Ongole Crossbred Cattle Kept Colony Housing System (E Baliarti, Panjono, M H Ali, T S M Widi, D E Yulianto, B A Atmoko, H Maulana, J Effendhy, P W Prihandini, and D Pamungkas)	2019	2nd ITAPS, Kendari, Sulawesi 22-24 November 2019. Penyelenggara: Universitas Halu Oleo, Sulawesi
23.	Calf production of Bali cows in cattle-oil palm plantation integration system in Riau Province Indonesia ( <b>Endang Baliarti</b> , I Gede Suparta Budisatria, Panjono, Bayu Andri Atmoko, Hamdani Maulana)	2019	2nd ITAPS, Kendari, Sulawesi 22-24 November 2019. Penyelenggara: Universitas Halu Oleo, Sulawesi
24.	Carrying Capacity Estimation of Herbicide-Treated and Untreated Palm Oil Plantation	2019	Buletin Peternakan Vol. 43 (2): 130-134

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	for Bali Cows (Eny Endrawati, Panjono, Bambang Suhartanto, <b>Endang Baliarti</b> )		
25.	Diversifikasi Usaha Lintas Sektoral Melalui Optimalisasi Hasil Samping Perkebunan Kelapa Sawit di Indonesia ( <b>Endang Baliarti</b> , H. Maulana, T.S.M. Widi, M.D.E. Yulianto, Panjono, N. Ngadiyono, I. G. S. Budisatria, B. A. Atmoko)	2019	Seminar Nasional Teknologi Pangan dan Hasil Pertanian, Fakultas Teknologi Pertanian UGM, 2019, 15-17 Oktober 2019.
26.	Sexual Behavior of Ongole Crossbred Bull and Cow Kept in Intermitten Colony Housing System ( <b>Baliarti E</b> , Panjono, Widi TSM, Yulianto, DEY, Ali MH, Atmoko BA, Maulana H, Effendhy J , Prihandini PW, Pamungkas D.)	2019	Seminar Nasional Teknologi Peternakan dan Veteriner 2019. LP2M Universitas Negeri Jember, 15-17 Oktober 2019.
27.	Integrated Cattle Farming Development and Assistance in the Kandang Kalimasodo (Nono Ngadiyono, I Gede Suparta Budisatria, <b>Endang Baliarti</b> , Panjono, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Bayu Andri Atmoko)	2019	Jurnal Pengabdian dan Pemberdayaan Masyarakat, Volume 3 No. 2 September 2019: 211-222
28.	IPTEK Bagi Masyarakat (IbM) Melalui Peningkatan Panen Pedet dan Produksi Kompos Berkualitas Pada Kelompok Ternak Sapi Potong Jurnal Pengabdian kepada Masyarakat-Iptek bagi Masyarakat (Bayu Andri Atmoko, <b>Endang Baliarti</b> , Nanung Agus Fitriyanto)	2019	Journal Universitas Gadjah Mada. Vol.5, No.1, Maret 2019, Hal 72-98. ISSN (print) 2460-9447 ISSN (online) 2541-5883. Doi: <a href="http://doi.org/10.22146/jpkm.33874">http://doi.org/10.22146/jpkm.33874</a> <a href="https://jurnal.ugm.ac.id/jpkm/">https://jurnal.ugm.ac.id/jpkm/</a>
29.	Effects of water restriction on behaviour, feed and water intake of Ongole crossbred cows at various physiological conditions in the smallholder farmers (Astrini, A.L., Astuti, A., <b>Baliarti, E.</b> )	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012074
30.	The effect of concentrate supplementation during pregnancy on calving performance in oil palm-cattle integrated system (Endrawati, E., Panjono, Suhartanto, B., <b>Baliarti, E.</b> )	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012064
31.	The effect of dietary protein and energy supplementation on in vitro-rumen characteristics and digestibility of Bali bulls (Tavares, L., Noviandi, C.T., <b>Baliarti, E.</b> , Widi, T.S.M.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012048
32.	Response of Bali cattle compared to Bali crossed Angus on concentrate feeding (Putra, B.W., Noviandi, C.T., Rusman,, Widi, T.S.M., <b>Baliarti, E.</b> )	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012089
33.	Seasonal effect on productivity of Bali cows in oil palm plantation in Riau Province,	2019	IOP Conference Series: Earth and Environmental Science,



No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Indonesia (Maulana, H., Panjono, <b>Baliarti, E.</b> , Widayati, D.T., Budisatria, I.G.S.)		2019, 387(1), 012075
34.	Effect of breed and initial body weight on daily weight gain of Simmental Ongole Crossbred Cattle and Ongole Grade Cattle (Ngadiyono, N., <b>Baliarti, E.</b> , Widi, T.S.M., Maulana, H., Atmoko, B.A.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012044
35.	Physiological conditions of Bali cattle based on daily temperature-humidity index (THI) in oil palm plantation (Putra, T.D., Bintara, S., Widayati, D.T., Panjono, <b>Baliarti, E.</b> )	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012125
36.	Effect of feeding different forage and concentrate levels on carcass characteristics and meat quality of Aceh cattle (Koesmara, H., Budisatria, I.G.S., <b>Baliarti, E.</b> , Widi, T.S.M., Ibrahim, A., Atmoko, B.A., Vierman)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012080
37.	Performance of Aceh cattle fed by concentrate with different levels (Budisatria, I.G.S., Ibrahim, A., <b>Baliarti, E.</b> , Widi, T.S.M., Vierman, Koesmara, H., Atmoko, B.A.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012040
38.	The effect of protected soybean groats and lemuru fish oil supplementation in ration on performance of Ongole crossbred cows (Riyanto, J., Pramono, A., Aditya, D.V., <b>Baliarti, E.</b> , Yusiati, L.M., Widayati, D.T., Hartatik, T., Aryogi, Pamungkas, D.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012096
39.	Income over feed cost of Aceh cattle fattened with forage and concentrate in different levels (Koesmara, H., Budisatria, I.G.S., <b>Baliarti, E.</b> , Widi, T.S.M., Nurtini, S., Umami, N., Ibrahim, A., Atmoko, B.A., Vierman,)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012101
40.	Income Analysis and Market Profile of Live Cattle and Meat Traders during Meugang Festivity and Normal Market Situation in North Aceh Regency (Budisatria, I.G.S., Ibrahim, A., Koesmara, H., <b>Baliarti, E.</b> , Widi, T.S.M., Atmoko, B.A.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 372(1), 012013
41.	Inisiasi Pengembangan dan Pendampingan Peternakan Sapi Secara Terpadu di Kelompok Ternak Sapi Kandang Kalimasodo (Nono Ngadiyono, I Gede Suparta Budisatria, <b>Endang Baliarti</b> , Panjono Panjono, Tri Satya Mastuti Widi, Muhammad Danang Eko Yulianto, Bayu Andri Atmoko)	2019	JPPM (Jurnal Pengabdian dan Pemberdayaan Masyarakat) 3 (2), 211-222

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
42.	Pre-Weaning Growth of Bali Calf from Cows that Kept Semi-Intensive in Palm Oil Plantations (Hamdani Maulana, Panjono, <b>Endang Baliarti</b> , Bayu Andri Atmoko)	2018	The 4th International Seminar of Animal Industry 2018 Bogor, August 28-30, 2018. Faculty of Animal Science, Bogor Agricultural University (FAS-IPB)
43.	Comparisons in Morphometric Performances of Bali and Bali Cross Angus Weaning Female Cattle Using Digital Image Measurement Technique (Bramada Winiar Putra, Novadhila Rahmi, Cuk Tri Noviandi, Rusman, <b>Endang Baliarti</b> )	2018	The 4th International Seminar of Animal Industry 2018 Bogor, August 28-30, 2018. Faculty of Animal Science, Bogor Agricultural University (FAS-IPB)
44.	The Physiological Response of Angus X Bali Crossed Calf on Tropical Environment as an Indicator of Adaptability (Teguh Dwi Putra, Novadhila Rahmi, Bramada Winiar Putra, Sigit Bintara, <b>Endang Baliarti</b> )	2018	The 4th International Seminar of Animal Industry 2018 Bogor, August 28-30, 2018. Faculty of Animal Science, Bogor Agricultural University (FAS-IPB)
45.	Nitrogen Balance, Microbial Protein Synthesis and Blood Metabolites in Fattening of Male Bali Cattle Fed Ration with Different Protein Levels in Smallholder Farms (PK Tahuk, SP Budhi, Panjono, <b>Endang Baliarti</b> )	2018	Journal of Indonesian Tropical Animal Agriculture Vol. 43 No. 1. Page 45-53.
46.	Estimation of Forage Consumption of Bali Cattle Grazing on Oil Palm Plantation using Geographic Information System Method ( <b>Baliarti, E.</b> , Budisatria, I. G. S, Panjono, Suhartanto, B, Suwignyo, B., Agus, A., Maulana, M. & Atmoko, B. A.)	2018	E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 86
47.	Exterior and Morphometric Characteristics of Bali Cattle and Their Crossed with Angus and Ongole Grade Cattle in Bungo, Jambi Province (Rahmi, N., <b>Baliarti, E.</b> , Panjono, Widi, T.S.M., Noviandi, C.T., Putra, B.W. & Putra, D.T.)	2018	E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 451
48.	Carcass and Meat Characteristics of Male Bali Cattle in Indonesian Smallholder Farms Fed Ration with Different Protein Levels (Paulus Klau Tahuk, Subur Priyono Sasmito Budhi, Panjono, <b>Endang Baliarti</b> )	2018	Tropical Animal Science Journal Vol. 41 No. 3, 2018 pp 215-223. p-ISSN 2615-787X e-ISSN 2615-790X. Penerbit: Faculty of Animal Science, Bogor Agricultural University, Indonesia
49.	The Effect of Season on the Feed Quantity and Quality and Growth Performance of Male Bali Cattle Fattened in Smallholder Farms (Paulus Klau Tahuk, <b>Endang Baliarti</b> , Subur Priyono Sasmito Budhi, and	2018	Buletin Peternakan Vol. 42 No. 3 Halaman 203-209.

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Panjono)		
50.	Pengamatan Visual Vulva Dan Perubahan Behavior Sapi Estrus Pada Pemeliharaan Di Tingkat Peternak ( <b>Endang Baliarti</b> , Prabowo Priambodo, Ismaya, Agung Budiyanto, M. Danang Eko Yulianto)	2018	Dipresentasikan di Seminar Nasional Teknologi dan Agribisnis Peternakan, UNSOED
51.	Produksi Hijauan Padang Penggembalaan Alam Di Posto Administrativo Balibo Dan Atabae, Municipio Bobonaro, Timor-Leste (Luis Tavares, <b>Endang Baliarti</b> , Cuk Tri Noviandi, Tri Satya Mastuti Widi(	2018	Dipresentasikan di Seminar Nasional Teknologi dan Agribisnis Peternakan, UNSOED
52.	Estimasi Nilai Natural Increase (NI) Sapi Peranakan Ongole di Kecamatan Tanjung Sari, Kabupaten Lampung Selatan, Provinsi Lampung (Sumadi, <b>Endang Baliarti</b> , Gracia Henreita Suci Aprilia, dan Akhmad Fathoni)	2018	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik 2018 "Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0". Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November 2018. Hal. 151-156. ISBN: 978-979-1215-33-6
53.	Estimasi Nilai Ripitabilitas Berat Badan Kambing Peranakan Ettawa di Balai Pembibitan Ternak Unggul dan Hijauan Pakan Ternak Pelaihari, Kalimantan Selatan (Sumadi, Alfiona Annisa, <b>Endang Baliarti</b> , dan Akhmad Fathoni)	2018	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik 2018 "Inovasi Teknologi Peternakan Menyongsong Era Industri 4.0". Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta, 5 November 2018. Hal. 157-160. ISBN: 978-979-1215-33-6
54.	Predicting Madura cattle growth curve using non-linear model (Widyas, N., Prastowo, S., Widi, T.S.M., <b>Baliarti, E.</b> )	2018	IOP Conference Series: Earth and Environmental Science, 2018, 142(1), 012006
55.	Factors Affecting Cattle Prices During Year-End Holiday Season (S Nurtini, <b>E Baliarti</b> , V Maulana)	2018	4th International Conference on Food, Agriculture and Natural Resources (FANRes 2018), 228-231
56.	Body Size of Aceh Cattle in Smallholder Farm Level and in Balai Pembibitan Ternak Unggul Dan Hijauan Pakan Ternak Indrapuri Aceh (I Gede Suparta Budisatria, <b>Endang Baliarti</b> , Tri Satya Mastuti Widi, Vierman Vierman, Alek Ibrahim, Azwar Rizal Pratama, Hendra Koesmara, Bayu Andri Atmoko)	2018	Proceeding of the International Conference on Food and Agriculture, 218-221

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57.	Model of Carrying on Trade of Beef Cattle at Slaughterhouse in Yogyakarta, Indonesia	2017	Indian J. Anim. Res., Vol. 51 (3) 2017 : 613-615. Print ISSN:0367-6722 / Online ISSN:0976-0555. DOI:10.18805/ijar.v0iOF.4560
58.	Growth Performance of Male Bali Cattle Fattening Fed Ration with Different Protein Levels in Smallholder Farms, West Timor, Indonesia	2017	Asian Journal of Animal Sciences Vol. 11 No. 2: 65-73, 2017. ISSN 1819-1878 DOI: 10.3923/ajas.2017.65.73
59.	In Vitro Digestibility of Timor-Leste Native Grass Supplemented with <i>Leucaena leucephala</i> and <i>Corypa elata</i> Robx.	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 156-160. ISBN: 978-979-1215-29-9
60.	Behavior of Bali Cows at Different Reproduction Phase that Kept in Oil Palm Environment	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 714-718. ISBN: 978-979-1215-29-9
61.	Nutrient Adequacy of Bali Cattle Fed Only Forage Derived From Palm Oil Plantation in Riau Indonesia	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 830-834. ISBN: 978-979-1215-29-9
62.	Growth Performance of Male Bali Cattle Fattening Fed Ration with Different Protein Levels in Smallholder Farms, West Timor, Indonesia	2017	Asian Journal of Animal Sciences Vol. 11(2):65 - 73 · February 2017. ISSN 1819-1878 DOI: 10.3923/ajas.2017.65.73 URL: <a href="http://scialert.net/abstract/?doi=ajas.2017.65.73">http://scialert.net/abstract/?doi=ajas.2017.65.73</a> . Publisher: Science Alert
63.	Potensi Hijauan Makanan Ternak di Bawah Lahan Perkebunan Kelapa Sawit Sei Rokan Riau (Penulis ke-2 dari 13)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2,

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			hal: 94-100
64.	Pengelolaan dan Kinerja Reproduksi Induk Sapi Aceh pada Peternakan Rakyat di Kabupaten Aceh Utara Penulis ke-2 dari 5)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 152-161
65.	Performan Induk Sapi Bali Selama Bunting yang Dipelihara Peternak Mitra PT. Perkebunan Nusantara V Riau (Penulis ke-1 dari 14)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 216-221
66.	Estimasi Output Sapi Aceh di Kabupaten Aceh Utara (Penulis ke-3 dari 4)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 222-235
67.	Dinamika Populasi Sapi Aceh dan Non Aceh di Kabupaten Aceh Utara (Penulis ke-2 dari 4)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 236-243
68.	Pertumbuhan Pasca Sapih Kambing Peranakan Etawa Ditinjau dari Perbedaan Warna Rambut (Penulis ke-2 dari 7)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 249-252
69.	Calf Birth Weight and Post Partum Estrus Bali Cow Fed Complete Feed From Palm Oli Plantation in Central Borneo Indonesia (Penulis ke-2 dari 8)	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan
70.	Stable Management and Colic Prevalence	2016	Proceedings of The 17 <sup>th</sup>

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	with Different Condition in Indonesian Horse Farming (Penulis ke-2 dari 3)		Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan
71.	The Effect of Season on the Botanical Composition and Quality of Feedstuff used in Bali Cattle Fattening at Smallholder Farms (Penulis ke-4 dari 4)	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan
72.	Behaviour of Bali Cattle During Grazing in Palm Oil Plantation Riau, Indonesia (Penulis ke-1 dari 9)	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka, Japan
73.	Effect of Bali Cattle Urine on Legume Cover Crop Peuro ( <i>Peuraria javanica</i> ) Productivity on an East Borneo Oil Palm Plantation (Penulis ke-4 dari 8)	2016	Pakistan Journal of Nutrition 15(5): 406-411.
74.	Feed Intake, Physiological Status, and Daily Behavior of Race Horses Stabled in Different Location (Penulis ke-2 dari 4)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia.
75.	Nitrogen Balance and Microbial Protein Synthesis of Bali Cattle Steers Fattening Fed Ration with Different Protein Levels in Smallholder Farms, West Timor, Indonesia (Penulis ke-4 dari 4)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
76.	Productivity of Pre-Weaning Kids Under Smallholder Production System by Introduction of Superior Buck in Gunungkidul District (Penulis ke-2 dari 7)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
77.	Management and Reproductive Performances of Aceh Cows, Local Indonesian Cattle Kept by Farmers In A Traditional System (Penulis ke-2 dari 4)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
78.	Postpartum Estrus Variation of Local Cows at Village Breeding Center in the Yogyakarta Province (Penulis ke-1 dari 8)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
79.	Phenotypic Characteristics of Aceh Cattle on Different Sex and Age in Smallholder	2016	Proceeding The 3 <sup>rd</sup> APIS and 3rd ARCAP in Batu October

<b>No.</b>	<b>Judul Publikasi <i>Publication Title</i></b>	<b>Tahun <i>Year</i></b>	<b>Penerbit <i>Publisher</i></b>
	Farmers (Penulis ke-2 dari 5)		19-21, 2016
80.	Reproductive Performances of Aceh Cows Kept by Farmers in Aceh Province (Penulis ke-3 dari 3)	2016	Proceeding The 3 <sup>rd</sup> APIS and 3rd ARCAP in Batu October 19-21, 2016

### **Courses**

1. Sistem Produksi Ternak Potong
2. Usaha Ternak Kesayangan dan Hewan Percobaan
3. Industri Ternak Potong
4. Usaha Ternak Kerja dan Olahraga
5. Ilmu Ternak Potong, Kerja, dan Kesayangan
6. Sistem Produksi Ternak Potong, Kerja, dan Kesayangan
7. Teknik Industri Ternak Potong, Olahraga, dan Kesayangan
8. Biologi Produksi Ternak Potong, Kerja, dan Kesayangan
9. Penelitian Produksi Ternak Terkini

### **Achievements/Awards**

<b>No.</b>	<b>Prestasi/Penghargaan <i>Achievements/Awards</i></b>	<b>Tahun <i>Year</i></b>
1.	-	-