

## Staff Handbook

Name	<i>Dr. Ir. Siti Andarwati, S.Pt., MP., IPM., ASEAN Eng.</i>		
Post	<i>Livestock Social Economics</i>		
Academic career	<i>Asean Engineering (ASEAN Eng)</i>	<i>AFEO Governing Board</i>	<i>2020</i>
	<i>Professional Engineering (IPM)</i>	<i>Universitas Gadjah Mada</i>	<i>2018</i>
	<i>Doctorate (Environmental Science)</i>	<i>Universitas Gadjah Mada</i>	<i>2015</i>
	<i>Graduate degree (Agricultural Economics)</i>	<i>Universitas Gadjah Mada</i>	<i>2008</i>
	<i>Undergraduate degree (Animal Science)</i>	<i>Universitas Gadjah Mada</i>	<i>1998</i>
Employment	<i>Associate Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2019-present</i>
	<i>Assistant Professor</i>	<i>Universitas Gadjah Mada</i>	<i>2009-2019</i>
Research and development projects over the last 5 years	<p><b>Research projects:</b></p> <ol style="list-style-type: none"> <li>1. <i>Evaluation of the Balitbangtan (KUB) Superior Village Chicken Development Dissemination Program in South Sumatra Province (2021)</i> <i>Source of funds: Final Project Recognition Program, UGM</i></li> <li>2. <i>Motivation of Laying Chicken Breeders in Bangkok Village, Gurah District, Kediri Regency (2021)</i> <i>Source of funds: Thematic Grants for Laboratory of the Faculty of Animal Science UGM</i></li> <li>3. <i>The Role of Gender in Livestock Business and Their Relationship with Dairy Cattle Group Income (A Case of Samiran Village, Selo Subdistrict, Boyolali Regency) (2021)</i> <i>Source of funds: Postgraduate Grants, Faculty of Animal Science UGM</i></li> <li>4. <i>Evaluation of Sustainability Vulnerability of People's Beef Cattle Fattening in Facing the Covid-19 Pandemic Disaster in the Margo Mulyo Farmer Group, Banaran Village, Playen District, Gunungkidul Regency (2020)</i> <i>Source of funds: UGM Faculty of Animal Science Laboratory Thematic Grant</i></li> <li>5. <i>Domestic Violence: Model Relations between policies and community movements in West Papua (2019)</i> <i>Source of funds: Basic Research for Excellence in Higher Education, Ristekdikti</i></li> <li>6. <i>Profitable feeding strategies for smallholder cattle in Indonesia (2017-2020) Period (2019)</i> <i>Source of funds: Australia Center for International Agricultural</i></li> </ol>		

	<p><i>Research (ACIAR)</i></p> <p>7. <i>The Role of Development Reform Agents in Sustainable Environmental Preservation in the Dieng Plateau, Wonosobo Regency (2019)</i></p> <p><i>Source of funds: Final Project Recognition Program, UGM</i></p> <p>8. <i>Eco Efficiency and Motivation of Cattle Breeders Fattening System in Piyungan District, Bantul Yogyakarta (2019)</i></p> <p><i>Source of funds: Postgraduate Grants, Faculty of Animal Science UGM</i></p> <p>9. <i>Adoption of Feed Technology Innovations in Beef Cattle Raising in the Livestock Group of Margo Mulyo, Banaran Village, Playen Gunungkidul District (2019)</i></p> <p><i>Source of funds: Thematic Research Grant for the Faculty of Animal Science UGM</i></p> <p>10. <i>Domestic Violence: Model Relationship between policies and community movements in West Papua (Member of 4 Researchers) (2018)</i></p> <p><i>Source of funds: Basic Research Leading Higher Education, Ristekdikti</i></p> <p>11. <i>Optimizing the Potential of Jabres Cattle in the Seed Source Area, Bantarkawung District, Brebes Regency (2018)</i></p> <p><i>Source of funds: Leading Higher Education Applied Research (PTUPT), Ristekdikti</i></p> <p>12. <i>Income Share and Economic Efficiency Broiler Chicken Partnership Pattern in Yogyakarta (2018)</i></p> <p><i>Source of funds: Thematic Laboratory Grant, Faculty of Animal Science UGM</i></p> <p>13. <i>Mapping of Broiler Agribusiness with an Environmental Concept Through a Structure-Conduct Performance Model Approach Supported by Veterinary Economic Roles (Members) (2017)</i></p> <p><i>Source of funds: PUPT, DIKTI</i></p> <p>14. <i>The Relationship between Farmer Characteristics and Milking Motivation and Goat Business Scale in Girikerto Village, Turi District, Sleman Regency (Chairman) (2017)</i></p> <p><i>Source of funds: Thematic Laboratory, Faculty of Animal Science UGM</i></p> <p><b>Community service over the last 5 years:</b></p> <p>1. <i>Resource Person for Cattle Business Management Training for Small Farmers (2021)</i></p> <p><i>Source of funds: Australian Government</i></p> <p>2. <i>Reviewer of the 2021 DPKM UGM Assisted Village Grants KKN-</i></p>
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	<p><i>PPM UGM Period 2 - Coordinator of KKN for the City of Yogyakarta (12 KKN Units) (2020)</i></p> <p><i>Source of funds: DPKM UGM</i></p> <p>3. <i>Lecturer for the Debriefing of the UGM PPM KKN 2020-26 (2020)</i></p> <p><i>Source of funds: DPKM UGM</i></p> <p>4. <i>Reviewer of UGM KKN-PPM Proposal Period 2 2020-26 (2020)</i></p> <p><i>Source of funds: DPKM UGM</i></p> <p>5. <i>Resource Person for Cattle Business Management Training for Small Farmers (2020)</i></p> <p><i>Source of funds: Australian Government</i></p> <p>6. <i>Resource persons for the 2020 Work Based Academy (WBA) Program in collaboration with the UGM Faculty of Animal Science and PT. Widodo Makmur Perkasa (2020)</i></p> <p><i>Source of funds: PT. Widodo Prosperous Mighty</i></p> <p>7. <i>National Level Webinar Resource Person : "Good People Talk About Influence of COVID-19 on Science" (2020)</i></p> <p><i>Source of funds: (SP2KM UGM 2020)</i></p> <p>8. <i>Increasing Knowledge and Positive Attitudes of Small-Scale Laying Chicken Farmers About Disinfecting and Emptying Cages in Gunungkidul Regency (2020)</i></p> <p><i>Source of funds: Thematic Grants for Laboratory Service Faculty of Animal Science UGM</i></p> <p>9. <i>Socialization of Government and Community Role Models in Prevention and Handling of Domestic Violence in West Papua (2019)</i></p> <p><i>Source of funds: Baperlitbang Sorong Regency</i></p> <p>10. <i>As Facilitator of the "Commercial Cattle Breeding and Management Training Program" held by the Advisory and Support Group-Indonesia Australia Partnership on Food Security in the Red Meat and Cattle Sector (2019)</i></p> <p><i>Source of funds: Collaboration Australia with Faculty of Animal Science, UGM, Indonesia: Red Meat and Cattle Partnership</i></p> <p>11. <i>Margo Mulyo Livestock Group Assistance Based on Productive Activities Through Cooperative Development (2019)</i></p> <p><i>Source of funds: Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>12. <i>Development of the Role of Housewives Recipient of the Family Hope Program to Support Sufficient Food Needs for Families in Tempel Hamlet, Tentren Village, Candimulyo District, Magelang Regency (2019)</i></p> <p><i>Source of funds: Faculty of Animal Science, Gadjah Mada</i></p>
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	<p><i>University</i></p> <p>13. <i>Assistance in Increasing Economic Value through Utilization of Organic Waste and Institutional Strengthening in Beef Cattle Farming Groups at TPS Piyungan Bantul (2019)</i></p> <p>Source of funds: <i>Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>14. <i>Guidance on Feed and Health Management by Implementing the Use of Leaf Protein Feed in Breeders Group Menthok Sleman, Tirtomartani Kalasan Sleman Yogyakarta (2019)</i></p> <p>Source of funds: <i>Faculty of Animal Science Universitas Gadjah Mada</i></p> <p>15. <i>Lemu with Sheep Farmers with Partnership Pattern at Pondok Tetirah Dhikr, Berbah, Sleman (2018)</i></p> <p>Source of funds: <i>Community Service (PKM), Ristekdikti</i></p> <p>16. <i>Development of a School of Livestock Production System for Beef Cattle Breeders in Pengkok Village, Patuk, Gunungkidul (2018)</i></p> <p>Source of funds: <i>Thematic Service Grants for the Faculty of Animal Science UGM</i></p> <p>17. <i>Education on the Importance of Tree Legumes as Multipurpose Crops in Integrated Agricultural Systems as a Disaster Mitigation Strategy in Kalibening Village, Dukun District, Magelang Regency (2017)</i></p> <p>Source of funds: <i>Education for Sustainable Development (ESD)</i></p> <p>18. <i>Development of a School of Livestock Production System for Beef Cattle Breeders in Pengkok Village, Patuk, Gunung Kidul (2017)</i></p> <p>Source of funds: <i>Thematic Grant of the Faculty of Animal Science UGM</i></p>
Industry collaborations over the last 5 years	-
Patents and proprietary rights	-
Important publications over the last 5 years	<p><i>Total number of publications: 27</i></p> <p>1. <i>The effect of technology on the development and income of goat business in Kulon Progo, Yogyakarta (Christina Astri Wirasti (1) ; Gunawan (2); <b>Siti Andarwati</b> (3); I Gede Suparta Budisatria(4)) (2021)</i></p> <p><i>Publisher: E3S Web of Conferences Volume 306 (2021), 02039, page: 1-6</i></p> <p>2. <i>The Self-Reliance of Warga Mulya Dairy Cooperative Members, Sleman, Daerah Istimewa Yogyakarta Province (Endang Sulastri, F. Trisakti Haryadi, Budi Guntoro, <b>Siti Andarwati,</b></i></p>

	<p><i>Ahmad Romadhoni Surya Putra</i> (2021)</p> <p><i>Publisher: Jurnal Kawistara, Volume 11(3), 2021: 282-295</i></p> <p>3. <i>Determinants of rice by-product utilization as a potential local feed for ruminants in Magelang Regency, Indonesia</i> (<i>Andriyani Astuti</i> (2); <b>Siti Andarwati</b> (3); <i>Tri Anggraeni Kusumastuti</i>, (4); <i>R. Ahmad Romadhoni Surya Putra</i> (5)) (2021)</p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science Volume 902 (2021), 012049, page: 1-7</i></p> <p>4. <i>Income Analysis of Dairy Cattle in Berdaya and Aura Women's Livestock Farmer Groups (A Case of Samiran Village, Selo Subdistrict, Boyolali Regency)</i> (<i>Endah Satiti</i> (1); <i>Tri Anggraeni Kusumastuti</i> (2); <b>Siti Andarwati</b> (3)) (2021)</p> <p><i>Publisher: The 4th Postgraduate Symposium "Research and Innovation towards Sustainable Food System", page: 22-25</i></p> <p>5. <i>Adoption of feed technology innovations in the maintenance of cattle in the livestock group Margo Mulyo, Banaran Village Playen (PENYULUHAN DAN KOMUNIKASI PEMBANGUNAN Perspektif Teoritis dan Praktis)</i> (<i>Siti Andarwati</i><sup>1</sup>, <i>Arthur Firnando</i><sup>2</sup>, <i>Noor Asriyanto</i><sup>3</sup>, dan <i>Gunawan</i><sup>4</sup>) (2021)</p> <p><i>Publisher : Impulse, Sleman Yogyakarta, ISBN 978-623-94769-9-1</i></p> <p>6. <i>Religious Leaders and Social Sustainability in Rural Communities in Indonesia</i> (<i>Najmu Tsaqib Akhda</i> (1) ; <i>Fransiskus Trisakti Haryadi</i>(2), <i>Siti Andarwati</i> (3)) (2020)</p> <p><i>Publisher: International Journal of Arts and Social Science, Volume 3(4), 2020: 284-288.</i></p> <p>7. <i>Determinants of the mixed crop and livestock farming practice among smallholder farmers in Magelang Regency, Central Java Province</i> (<i>Widarni, N.A.A., Astuti, A., Andarwati, S., Kusumastuti, T.A., Putra, A.R.S.</i>) (2020)</p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science, 2020, 454(1), 012010</i></p> <p>8. <i>Adoption of the mixed crop and livestock farming's technology in Magelang Regency, Central Java</i> (<i>Ain Afrilia Widarni, N., Astuti, A., Andarwati, S., Anggraeni Kusumastuti, T., Romadhoni Surya Putra, A.</i>) (2020)</p> <p><i>Publisher: IOP Conference Series: Earth and Environmental Science, 2020, 518(1), 012046</i></p> <p>9. <i>Analisis Potensi Supply Ayam Broiler Untuk Mendukung Pertumbuhan Ekonomi Di Kabupaten Sleman Yogyakarta</i> (<i>Rini Widiati, Tri Anggraeni Kusumastuti, Siti Andarwati, Bambang Ariyadi</i>) (2020)</p> <p><i>Publisher: Prosiding Seminar Nasional: Sekolah Tinggi Penyusunan Pertanian (STPP) Magelang, 189-198</i></p>
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10. *Community Development: Social Capital in Women's Empowerment in the Dieng Highlands of Indonesia* (Najmu Tsaqib Akhda, Fransiskus Trisakti Haryadi, **Siti Andarwati**) (2020)  
  
*Publisher: International Journal of Innovation, Creativity and Change, Volume 14(8), 2020: 614-625.*
11. *Model Peran Pemerintah dan Masyarakat dalam Pencegahan dan Penanganan KDRT di Papua Barat* (Siti Andarwati(1) ; Tri Winarni Soenarto Putri (2); Harsoyo (3); Sispariyadi (4)) (2019)  
  
*Publisher: Pioner Semesta, Yogyakarta, ISBN 978-623-91050-6-8*
12. *Analysis in making decision of farmer to select bull frozen semen in Indonesia* (Agustine, R., Bintara, S., **Andarwati, S.**, Muzayyanah, M.A.U., Widi, T.S.M., Putra, A.R.S.) (2019)  
  
*Publisher: Journal of the Indonesian Tropical Animal Agriculture, 2019, 44(3), pp. 323–332*
13. *Beef cattle farmers' group cohesion in bantul and sleman regencies Yogyakarta special region, Indonesia* (Haryadi, F.T., Widiati, R., Kusumastuti, T.A., **Andarwati, S.**) (2019)  
  
*Publisher: Journal of Agricultural Extension, 2019, 23(1), pp. 223–229*
14. *Farmer's decision in selecting the bull semen for artificial insemination in Central Java* (Agustine, R., Bintara, S., **Andarwati, S.**, Widi, T.S.M., Putra, A.R.S.) (2019)  
  
*Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 260(1), 012048*
15. *Income share and technical efficiency in the broiler partnership system in Sleman regency, Yogyakarta* (Widiati, R., Kusumastuti, T.A., **Andarwati, S.**) (2019)  
  
*Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012056*
16. *Characteristics of business and income in broiler partnership system in Yogyakarta Indonesia* (Kusumastuti, T.A., Widiati, R., **Andarwati, S.**) (2019)  
  
*Publisher: IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012041*
17. *The roles of religion in participatory development communication in the environmental issues in Indonesia* (Akhda, N.T., Trisakti Haryadi, F., **Andarwati, S.**) (2019)  
  
*Publisher: Journal of Agriculture and Environment for International Development, 2019, 113(2), pp. 171–180*
18. *Beef Cattle Farmers' Group Cohesion in Bantul and Sleman Regencies Yogyakarta Special Region, Indonesia* (Fransiskus Trisakti Haryadi, Rini Widiati, Tri Anggraeni Kusumastuti, **Siti**

**Andarwati)** (2019)

*Publisher: Journal of Agricultural Extension Vol. 23, No. 1: 223-229*

19. *Development of Learning Material for the Livestock Production System at the Beef Cattle Farmers (R. Ahmad Romadhoni Surya Putra, Fransiskus Trisakti Haryadi, Budi Guntoro, Endang Sulastri, **Siti Andarwati**) (2019)*

*Publisher: Jurnal Pengabdian kepada Masyarakat Vol. 5 No. 2: 237-250.*

20. *Increased of Farmer's Income Through Use Cassava As Main Ingredient of Beef Cattle Concentrate Feed In Playen Subdistrict, Gunungkidul, Yogyakarta (Noor Asrianto, **Siti Andarwati**, Sudi Nurtini, Gunawan, Karen Harper, Dennis Poppi) (2019)*

*Publisher: Proceedings The 8th ISTAP International Seminar on Tropical Animal Production "Prospects and Challenges for Sustainable Tropical Animal Production Systems", September 23-25, 2019, Yogyakarta, Indonesia. Page 208-211. ISBN: 978-979-1215-37-4.*

21. *Relationship Between Farmer's Characteristics with the Motivation of Goat Milking in the Girikerto Village Turi District Sleman Regency (**Siti Andarwati**, Trisakti Haryadi, Budi Guntoro, Endang Sulastri, Raden Ahmad Romadhoni Surya Putra, and Gunawan) (2018)*

*Publisher: Buletin Peternakan, Vol. 42 No.3 Halaman 256-261.*

22. *Analisis Model Jaringan Sosial Rantai Pemasaran Telur Ayam Ras di Yogyakarta (KR Purba, SP Syahlani, FT Haryadi, **S Andarwati**, ARS Putra) (2018)*

*Publisher: Jurnal Sain Peternakan Indonesia 13 (3), 295-302*

23. *Ukuran Tubuh dan Pertumbuhan Pasca Sapih Sapi Jabres Jantan dan Betina Di Kecamatan Bantarkawung, Brebes, Jawa Tengah (Panjono, **Siti Andarwati**, Diah Tri Widayati, Chusnul Hanim, I Gede Suparta Budisatria, Dyah Maharani, dan Miftahush S. Haq) (2018)*

*Publisher: 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. 197-201. ISBN: 978-979-1215-33-6*

24. *Beef Cattle Farmers' Group Cohesion In Bantul And Sleman Regencies Yogyakarta Special Region (2017)*

*Publisher: The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 533-537. ISBN: 978-979-1215-29-9*

25. *Participation of Jabres Cattle Farmers in the Development of Jabres Cattle Rising at Barokah Farmers Group Kebandungan*

	<p><i>Bantarkawung Brebes (2017)</i></p> <p><i>Publisher: The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 628-633. ISBN: 978-979-1215-29-9</i></p> <p>26. <i>Strategi Penghidupan Peternak Sapi Perah di Lereng Selatan Gunungapi Merapi Pasca Erupsi 2010 (2017)</i></p> <p><i>Publisher: Buletin Peternakan Vol. 41 (1): 91-100, Februari 2017</i>  <i>ISSN-0126-4400 E-ISSN-2407-876X DOI:</i>  <i><a href="https://doi.org/10.21059/buletinpeternak.v41i1.12768">https://doi.org/10.21059/buletinpeternak.v41i1.12768</a></i></p> <p>27. <i>Pemberdayaan Wanita untuk Pemanfaatan Sumber Daya Lokal Dalam Pengentasan Rawan Pangan (2017)</i></p> <p><i>Publisher: Presentasi Oral pada Pembekalan Pendamping Daerah Rawan Pangan, Fakultas Peternakan UGM, 10-11 Agustus 2017</i></p>
<p>Activities in specialist bodies over the last 5 years</p>	<p>-</p>