

CURRICULUM VITAE

PERSONAL DATA



1. **Name** : Susanti Withaningsih
 2. **Place / date of birth** : Bandung, May 19, 1976
 3. **Nationality** : Indonesian
 4. **Research interests** : Biodiversity, Environment and Sustainability Science
 5. **Home Address** : Jalan Guruminda No. 59 – Koridor BTD 3
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EDUCATION

- 2012: Doctorate (Dr.), Faculty of Mathematics and Biology Concentration of Natural Sciences, Universitas Padjadjaran (
- 2002: Master of Science (M.Si), Environmental Sciences - Graduate Programs Universitas Padjadjaran
- 1999: Bachelor of Science (S.Si), Department of Biology - Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran

INTERNATIONAL PROFESSION MEMBERSHIP

Member of ARRCN (Asian Raptor Research and Conservation Network)

Member of Society for Indonesian Biodiversity

VISITING LECTURER/STAFF MOBILITY EXCHANGE

- 1) Staff Mobility Exchange di Institute of International Social Studies, Erasmuss Rotterdam, Den Haag Belanda (October 2017).
- 2) Visiting Lecturer in Faculty Bioresource , Mie University Jepang (October to December 2016).

SCHOLARSHIPS

- a. Students Grant of presenters on 7th Symposium on Asian Raptor Research and Conservation Network 2012 Incheon, South Korea.
- b. Research scholarship through P3SWOT program (2011) of the Bureau of Planning and International Cooperation, Ministry of National Education.
- c. Sandwich Scholarship to the University of Tokyo (2010) from the Director General of Higher Education Ministry of National Education.
- d. Students Grant of presenters on 6st Symposium on Asian Raptor Research and Conservation Network, 2010 Ulaanbaatar, Mongolia.
- e. Doctoral scholarship (2009) of the Bureau of Planning and International Cooperation, Ministry of National Education.
- f. Students Grant of presenters on 1st Symposium on Asian Raptor Research and Conservation Network 1998 Osaka, Japan

RESEARCH

Year	Research Theme	Institution
2021-2023	Integration of traditional and modern bioproduction systems for a sustainable and resilient future under climate and ecosystem changes	Collaboration Universitas Padjadjaran, IGES Japan & UPLB Philippines
2021-2023	Biodiversity management for local economic development in rural landscape : Sustainable cultivation of stingless bee honey (<i>Trigona</i> spp) on small and medium scale	Ministry of Riset, Education and Culture
2021-2022	Study of biodiversity in the area of Mount Wayang Windu as a candidate for a grand forest park in Bandung Regency	Universitas Padjadjaran
2020-2021	Preparation of sustainability indicators for small scale production systems based on local resources	Universitas Padjadjaran
2019-2020	Sustainability assessment of production system based on local bioresources in extreme landscape Citarum Watershed	Ministry of Education and Culture
2017- 2019	The structure of insect communities in coffee plantation: relation between insect pollinator diversity, productivity, and quality of coffee beans	Ministry of Education and Culture

2017 - 2018	Biodiversity management in non-conservation areas	Universitas Padjadjaran
2015-2018	Rural-Urban Linkage from sustainability science perspective	Universitas Padjadjaran
2015-2016	Emergent health risks caused by the changes in climate, land use and population Developing prediction models (GRENE Eco-health project)	Collaboration of Universitas Padjadjaran & Tokyo University
2013-2014	Community-based management of natural resources and ecosystem services beyond conservation areas: empowering local people through participatory policy making process for a mutual consensus	Toyota Foundation
2009-2011	Spatial Analysis on Diversity of Rare and Endangered Birds of Prey Species: Empirical Basis for Preparation of Conceptual Framework and Policy Directives on Biodiversity Conservation	Ministry of Education
2009	Development of eco-towns in the Asia Pasific Region in Bandung Indonesia.	UNEP
2005	Assessment on Indicator Species & Keystone Species	Univ. Padjadjaran & Indonesian Ministry of Environment

SCIENTIFIC PUBLICATIONS

A. Book and Book Chapter

- 1 Pembangunan dan Lingkungan. Teguh Husodo, Sunardi, **Susanti Withaningsih**. 2020. Universitas Terbuka Press.
- 2 Serangga Penyerbuk Pada Agroforesti Kopi. Parikesit, **Susanti Withaningsih**, Irina A Mustikasari. 2018. Unpad Press.
- 3 The Extent of Urban Farming Communities in Indonesia (Case Study: Bandung, Bogor and Jakarta). In: Miranda Risang Ayu, Laina Rafianti, Imam Mulyana. Innovation, Creativity and Development : Strategies for Inclusiveness & Sustainability. 2017. Unpad Press.

B. Journal Article & Proceeding

Susanti Withaningsih, Parikesit, Haifa. 2021 Management Strategies fo Palm Sugar (*Arenga pinnata*) Production on Extreme Landscapes of Rongga, West Bandung Regency. International Journal of Conservation Science. 12 (2) 625-640.

Annisa, Mariana Fikriyanti and **Susanti Withaningsih**. 2021. DNA sexing for gender determination of Changeable Hawk-Eagle (*Nisaetus cirrhatus*, Gmelin, 1788). E3S Web of Conferences 249. 03012.

Gunawan, Fajar Aji, Tauhid Nursalim, Danafia Permana and **Susanti Withaningsih**. 2021. Comparative Study of Released Javan Hawk-Eagle (*Nisaetus bartelsi*) And Changeable Hawk-Eagle (*Nisaetus cirrhatus*) Based On Satellite Tracker Data. E3S Web of Conferences 249. 03002

Annas Dwitri Malik, Maulida Isfahani Nurillah, Parikesit, **Susanti Withaningsih**, and Ratna Wingit. 2021. Carbon Sequestration Potentials of Man-made Grasslands under Different Pattern of Plantation Stands in West Bandung Regency, Indonesia. E3S Web of Conferences 249, 03011.

R. Qurrataayun, Parikesit, **Susanti Withaningsih**. 2021. Feasibility Study of the Development of Grand Forest Park in Gunung Wayang, Bandung Regency, West Java, Indonesia. E3S Web of Conferences 249, 03007.

Akhmad Zainal Mubarak, Oekan S Abdoellah, **Susanti Withaningsih** and Kinanti Indah. 2021. Management of Urban Farming Activities In A Community Case Study 1000kebun In Bandung City. E3S Web of Conferences 249, 030010.

Susanti Withaningsih, Parikesit, Anwar Nasrudin. Correlation between landscape structure and distribution of Javan Pangolin (*Manis javanica*) in an extreme landscape. Biodiversitas 2020 : 22(2) 920-932. ISSN : 1412-033X.

Parikesit, **Susanti Withaningsih**, Fakhur Rozi Socio-ecological dimensions of agroforestry called kebun campuran in tropical karst ecosystem of West Java, Indonesia.. Biodiversitas 2021 : 22 (1) 122-131. ISSN: 1412-033X.

Sunardi Sunardi, Miranti Ariyani, **Susanti Withaningsih**, Asep Priyatna Darma, Kusnadi Wikarta, Parikesit Parikesit, Mohd Khairul Amri. 2020. Peri Urbanization and sustainability of groundwater resources. Environment, Development and Sustainability.. ISSN: 1378-585X. DOI 10.1007/s10668-020-00972-y.

Sunardi Sunardi, Miranti Ariyani, Mochamad Agustian, **Susanti Withaningsih**, Parikesit Parikesit, Hafizan Juahir, Azimah Ismail & Oekan. A Abdoellah. 2020. Water corrosivity of polluted reservoir and hydropower sustainability. Scientific Reports 10 : 11110.

Susanti Withaningsih, Parikesit, Yoselina Nur Fazriani. 2020. Pola aktivitas harian rusa (*Cervus timorensis*, Blalinville, 1822) di penangkaran rusa Cagar Alam Pananjung Pangandaran. Biotika 18 : 1 (17-25). ISSN : 1412-4297.

Oekan S Abdoellah, Mindi Schnider, Luthfan Meilana Nugraha, Yusep Suparman, Cisma Tami Voletta, **Susanti Withaningsih**, Parikesit, Amanda Heptiyanggit, Lukmanul Hakim. 2020. Homegarden commercialization : extent, household characteristics, and effect on food security and food sovereignty in Rural Indonesia. Sustainability Science 15 : 797-815.

Susanti Withaningsih, Parikesit, Rizka Fatharani Alham. 2020. Diversity of bird species in the coffee agroforestry landscape : Case study in Pangalengan Sub-district Bandung District, West Java, Indonesia. Biodiversitas 21 (6) : 2467-2480.

Susanti Withanningsih, Parikesit, Yoselina Nur Fazriani. 2020. Pola aktivitas harian rusa (*Cervus timorensis*, Blalinville, 1822) di penangkaran rusa Cagar Alam Pananjung Pangandaran. Biotika 18 : 1 (17-25).

Annas Dwitri Malik, Komang Yoga Zso Zsa Dewa, Parikesit, **Susanti Withaningsih**, Ratna Wingit.

Potentials of carbon stored in plant Biomass at little Farmers Grassland Cisarua, West Bandung Regency. 2020. Biosaintifika : Journal of Biology and Biology Education 12 (1) 111-118.

Oekan S Aboellah, Mindi Schneider, Luthfan M Nugraha, Yusep Suparman, Cisma T Voletta, **Susanti Withaningsih**, Parikesit, Amanda Heptiyanggit, Lukmanul Hakim. Homegarden commercialization : extent, household characteristics, and effect on food security and food sovereignty in Rural Indonesia. 2020. Sustainability Science 15 : 797-895

Lukmanul Hakim, Oekan S Abdoellah, Parikesit, **Susanti Withaningsih**. Impact of agricultural crop type and hunting on bird communities of two villages in Bandung, West Java, Indonesia. 2020. Biodiversitas 21(1) : 57-66.

Susanti Withaningsih, Parikesit, Johan Iskandar, Dewi M Prawiradilaga. Conservation and management strategies for the sustainability of raptors in a human-modified landscape.2019. International Journal of Conservation Science 10 (4) : 749-762..

Susanti Withaningsih, Parikesit, Muhammad Burhanuddin Rabbany. 2019. Correlation between some landscape metrics and insect species richness in coffee agroforests in Pangalengan Subdistrict, Bandung District, West Java, Indonesia. Biodiversitas 20 (10) : 3075-3085.

Susanti Withaningsih, Parikesit, Johan Iskandar, Risya Putri. 2019. Socio-ecological perspective of local bio-resources based production system of palm sugar and palm flour from aren (*Arenga pinnata*): Case study of Sukaresmi Village, West Bandung, Indonesia Biodiversitas 20 (7) : 1990-1997.

Parikesit dan **Susanti Withaningsih**. 2019. Layanan Ekosistem Vegetasi Talun Dalam Penyediaan Nutrien Tanah : Studi Biomassa Tumbuhan Bawah. 2019. Biotika 17 (1) : 40-52.

Parikesit, **S. Withaningsih**, W. Dwi Prastiwi. Estimated Abundance and Distribution of Common Palm Civet (*Paradoxurus hermaphroditus*, Pallas 1777) in the Rural Landscape of Sukaresmi, West Bandung Regency . IoP Proceeding 306 (2019) : 1-11

Irina A. Mustikasari, **Susanti Withaningsih**, Erri N Megantara, Teguh Husodo, Parikesit. 2018. Population and distribution of Sunda Porcupine (*Hystrix javanica* F. Cuvier, 1823) in designated area of Cisokan Hydropower, Wet Java, Indonesia. Biodiversitas 20(3) : 762-769.

Parikesit, **Susanti Withaningsih**, Irina. Mustikasari. 2018. Serangga Penyerbuk Pada Agroforestri Kopi. Buku Referensi. Unpad Press (ISBN:978-602-439-414-1)

Susanti Withaningsih, Parikesit, Astrini Ayundari, Ghitaswati Prameswari, Erri N Megantara and Teguh Husodo. 2018. Distribution and habitat of Javan slow loris (*Nycticebus javanicus* E. Goffroy, 1812) in non-conservation area. Proceeding AIP. (ISSN : 978-0-7354-1737-3)

Parikesit and **Susanti Withaningsih**. 2018. The need for sustainability science education in Indonesia. Proceeding AIP (ISSN : 978-0-7354-1737-3)

Parikesit, A. Paramita, **S Withaningsih** dan H Kasmara. Ecosystem Services in Coffee (*Coffea arabica* L.) Production System in The District of West Bandung, West Java: The Community Structure and Diversity of “Direct and Indirect” Pollinator Insects. Proceeding IoP

Faris Muladi, **Susanti Withaningsih**, Johan Iskandar, Parikesit. Keanekaragaman Jenis Burung REEPS (Rare, Endangered, Endemic, Protected Species) Di Calon Kawasan Geopark Pangandaran, Jawa Barat. 2018. Biotika :16(1) 70-76.

Susanti Withaningsih, Fathimah Noorahya, Erri N Megantara, Parikesit, Teguh Husodo. 2018. Nest existence and population of Pangolin (*Manis javanica* Dermates, 1822) at the designated area of Cisokan Hydropower, West Java, Indonesia.. *Bidoversitas* : 19 (1) 153-162.

Susanti Withaningsih, Clarisa Dity Andari, Parikesit, Nurullia Fitriani. 2018. The effect of understory plants on pollinators visitation in coffee plantations : case study of coffee plantations in West Bandung District, West Java, Indonesia. *Bidoversitas* : 19 (2) 559-567.

Zulfadhli Nasution, **Susanti Withaningsih**, Parikesit, Oekan S Abdoellah, Ari Ganjar. 2017. The Extent of Urban Farming Communities in Indonesia (Case studi : Bandung, Bogor and Jakarta). *Innovation, Creativity and Development : Strategies for Inclusive & Sustainability*. Bookchapter Unpad Press (ISBN : 978-602-439-399-1)

Susanti Withaningsih, Parikesit, Johan Iskandar, Firman Hadi. 2017. Studi Ekologi Lanskap Di Sekitar Sarang Burung Pemangsa di Kawasan Telaga Warna. *Jurnal Nasional Prolife* (ISSN : 2579-7557)

Susanti Withaningsih, Parikesit, Johan Iskandar, Erri N Megantara. 2017. Breeding behavior of different raptor species in human modified lansdsacape. *Biodiversitas* : 18 (3) 1234-1242.

Susanti Withaningsih, Jimmy Kalther, Fajar Dwi Noviandri, AB Susanto. 2016. Dampak Kebijakan IUU Fishing (Moratorium Izin Usaha Penangkapan Ikan) Terhadap Penyerapan Lulusan SMK Kelautan dan Perikanan. *Prosiding Seminar Nasional Penelitian dan Kebijakan Sosial Ekonomi Kelautan dan Perikanan*.

Susanti Withaningsih, Zulfadhli Nasution, Parikesit, Oekan S Abdoellah, Ari Ganjar. *Urban Farming in Indonesia and Its Relation to Food Sovereignty (Case Study : Bandung, Bogor and Jakarta)*. 2016. 14th Globelics International Conference. Universitas Padjadjaran, Bandung, Indonesia.

Oekan S Abdoellah, Parikesit, Satoru Okubo, **Susanti Withaningsih**, Kazuhiko Takeuchi, Kosuke Mizuno. 2015. Perceptions of Owner on The Roles and Future of Bamboo-Tree Gardens in the Agricultural Landscape of the Upper Citarum Basin, West Java-Indonesia. *Agricultural Sciences* 2015.

Johan Iskandar, Parikesit, **Susanti Withaningsih**, Satoru Okubo, Firman Hadi. 2012. Spatial analysis rare and threatened raptors diversity: empirical base for establishing conceptual plan and policy guidance in biodiversity conservation (Case Study Cibulao). *Proceeding of 7th ARRCN Symposium on Asian Raptors. Raptor Migration and Conservation in Asia*. Asian Raptor Research and Conservation Network & National Park Research Institute & Ornithological Society of Korea. Republic of Korea.

Johan Iskandar, Parikesit, **Susanti Withaningsih**, Satoru Okubo, Firman Hadi. 2011. Spatial analysis rare and threatened raptors diversity: empirical base for establishing conceptual plan and policy guidance in biodiversity conservation (Case Study Panaruban). *Prosiding Seminar Biologi Nasional*. Jurusan Biologi Fakultas Matematika Universitas Padjadjaran & Tokyo University Jepang. Bandung.

Susanti Withaningsih, Parikesit, Satoru Okubo, Firman Hadi, Johan Iskandar. 2010. Spatial analysis rare and threatened raptors diversity: empirical base for establishing conceptual plan and policy guidance in biodiversity conservation (Case Study Panaruban). *Proceeding the of 6th International Conference on Asian Raptors. Asian Raptors Science and Conservation for Present and Future*. Asian Raptor Research and Conservation Network & Mongolian Ornithological Society & National University of Mongolia. Ulaanbaatar, Mongolia.

Zaini Rakhman, **Susanti Withaningsih**, Cece Sukanda. 2010. Habitat selection patterns of released eagles ini Panaruban area, Mounth Tangkuban Perahu, West Java Indonesia. *Proceeding the of 6th International Conference on Asian Raptors. Asian Raptors Science and Conservation for Present and Future*. Asian

Raptor Research and Conservation Network & Mongolian Ornithological Society & National University of Mongolia. Ulaanbaatar, Mongolia.

EDITOR

- 2020 : Editor for E3S Web of Conference. The 4th International Conference on Sustainability Science : Sustainability Science Post COVID-19 : Social Distancing Life, Approaching Natural Life. Universitas Padjadjaran.
- 2018 : Editor for IoP Earth and Science. The 3rd International Conference on Sustainability Science : From Theory to Practices. Universitas Padjadjaran.
- 2014 : Editor for Proceeding "International Symposium on Sustainability Science Understanding Climate Change Phenomena for Human Well Being. Postgraduate Programme on Environmental Studies, Universitas Padjadjaran. ISBN : 978-602-72141-0-1
- 2012 : Editor for The Book Garuda : Myth & Fact in Indonesia. Raptor Indonesia. ISBN : 978-602-19635-0-0

POPULAR SCIENTIFIC ARTICLES

Withaningsih, **Small Steps Toward Big Goals**. Proceedings of the 8th year Workshop on National Scholarship to Build the Capacity and Student's Academic Evaluation. A Cooperation between the Secretary General of BBPKLN Ministry of Education and culture and Graduate Program Department of Agricultural Business, Bogor Agricultural University. February, 2013.

Susanti Withaningsih, **Preparation Training : What is Needed?**. Majalah Simpul Perencana volume 1, 7th year, January 2010.

Susanti Withaningsih, **Why is Bappenas Training Not Appealing?** Majalah Simpul Perencana volume 10, 5th year, August 2008.

WORK EXPERIENCE

- a) Lecturer in Dept. of Biology, Fac. Mathematics and Natural Sciences, Universitas Padjadjaran Bandung (2016 – present)
- b) Lecturer in Graduate School of Environmental Studies and Sustainability Science, Universitas Padjadjaran Bandung (2012 – present)
- c) Secretary Program of Master on Sustainability Science – Graduate School Universitas Padjadjaran (2021 – present)
- d) Researcher Staff of PUIPT CESS Universitas Padjadjaran (2005-present)
- e) Consultant of the *World Bank* for the activity "POPs Awareness and Capacity Building Post Ratification", a cooperation between WB and the Ministry of Environment (2009)
- f) Consultant of the *United Nations Development Programme* (UNDP) for the activity "National Capacity Self Assessment", a cooperation between UNDP and the Ministry of the Environment (2003-2005)
- g) Bappenas Consultant for the book-making activity "Management Policy of Protected Areas in Indonesia "(2002).

OTHER ACTIVITIES (Symposium, seminar, etc.)

- 1) International Workshop of Tetragonu-lity Organized by PUIPT CESS Unpad (Bandung – Indonesia, May 20210
- 2) PANCES Modelling Training Seminar Organized by PANCES Japan (Japan - March 2021).
- 3) International Conference on Biodiversity Organized by Universitas Sebelas Maret (Solo, Indonesia – December 2020)
- 4) The 4th International Conference on Sustainability Science Organized by Universitas Padjadjaran (Bandung – Indonesia, October 2020)
- 5) International Conference on Biodiversity Organized by Universitas Sebelas Maret (Solo, Indonesia, October 2019)
- 6) The 3rd International Conference on Sustainability Science Organized by Universitas Padjadjaran (Bandung –Indonesia, October 2018).
- 7) International Conference on Global Resources Conservation Organized by Universitas Brawijaya (Malang, Indonesia – March 2018)
- 8) International Conference on Biodiversity Organized by Udayana (Bali, Indonesia – December 2017).
- 9) International Conference on Bioscience Gene to Ecosystem. Organized by Institut Pertanian Bogor. (Bogor, Indonesia 2017)
- 10) International Conference on Biodiversity. Organized by Universitas Gadjah Mada (Yogyakarta, Indonesia, 2017)
- 11) 14th Globellic International Conference. Organized by Universitas Padjadjaran (Badung, Indonesia, 2016).
- 12) 3rd JSPS/GRENE-EcoHealth joint International Symposium on Development of International Network on Health Risk Assessment in Urban Area. Organized by The University of Tokyo Japan (Bali, Indonesia 2016).
- 13) The 4th International Urban Environment and Health in Asia Symposium. Organized by The University of Tokyo & Universitas Indonesia (Depok, Indonesia 2015)
- 14) International Symposium on Sustainability Science: Understanding Climate Change Phenomena for Human Well Being, Bandung Indonesia (2014)
- 15) ASEAN Workshop on Carbon Capture and Storage, Bandung Indonesia (2013)
- 16) Asian Raptor Research and Conservation Network, 7th Symposium, Incheon South Korea (2012).
- 17) Asian Raptor Research and Conservation Network, 6th Symposium, Ulaanbaatar, Mongolia (2010)
- 18) Asian Raptor Research and Conservation Network, 5th Symposium, Hanoi, Vietnam (2008)
- 19) Asian Raptor Research and Conservation Network, 4th Symposium, Penang, Malaysia (2005)
- 20) International Seminar on National Capacity Self Assessment, Hanoi Vietnam (2005)
- 21) International Seminar on Toward Sustainable Rural & Urban Community (Restructuring Human-Nature Interaction), Bandung Indonesia (2004)
- 22) Asian Raptor Research and Conservation Network, 2nd Symposium, Bandung Indonesia (2000).
- 23) Asian Raptor Research and Conservation Network, 1st Symposium, Osaka Japan (1998)

Bandung, June 2021

Susanti Withaningsih

