

CURRICULUM VITAE

1. Personal Information



Name : Bandung Sahari
Nationality: Indonesian
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Affiliation : Indonesian Palm Oil Association
Peat Society of Indonesia
Entomological Society of Indonesia
Governing Board of Peka Indonesia Foundation
Fellow of Center for Transdisciplinary and Sustainability
Science. IPB University

2. Career

2018-present Senior Vice President of Sustainability, PT Astra Agro Lestari. Tbk
2017-2018 Department Head of Sustainability, PT Astra Agro Lestari. Tbk
2011-2016 Department Head of Conservation Management, PT Astra Agro Lestari Tbk
2009-2010 Senior Staff of Environment, PT Astra Agro Lestari Tbk
2013-Present Head of Environment Research Compartment, Indonesia Palm Oil Association
2009-present Governing Board, Peka Indonesia Foundation
2007-2009 Executive Director, Peka Indonesia Foundation (Indonesian Nature Conservation Foundation)
2008-2009 Expert Team Member for the preparation of National Report 4th CBD implementation, Ministry of Environment.
2008-2009 Expert Team Member for the review of Indonesian Biodiversity Strategy and Action Plan (IBSAP), Ministry of Environment-Indonesia
2001-2010 Wildlife Trust Associate, USA
2007-2009 Lecturer in University of Asyafiih Jakarta
2006-2008 Managing Editor for the Indonesian Journal of Entomology. Indonesian Entomological Society.
2003-2007 Research Coordinator, Peka (Peduli Konservasi Alam) Indonesia Foundation (Indonesian Nature Conservation Foundation)
2000-2001 Technical Staff of the Center for Integrated Pest Management-Bogor Agricultural University.

3. Education

2007-2012 Doktor, Bogor Agricultural University
2001-2004 Magister Sains, Bogor Agricultural University
1994-1999 Bachelor of Science in Agriculture, Faculty of Agriculture, Bogor Agricultural University

4. Awards

2016 Short-Stay Scholarship Award to Join Tropical Peat Workshop in Nanyang Technological University, Singapore
2014 1th Winner of The International Scientific Poster Competition, IOPC-Bali
2012 Short-Stay Scholarship Award In University of Hokkaido, Japan.
2002 Species Survival Fund (SSF)-Wildlife Trust-USA: Distribution and Range Expansion of two biocontrol agent *Neochetina eichorniae* Warner dan

Neochetina bruchi Hustache (Coleoptera : Curculionidae):Its possible impact toward local insect biodiversity.

1988

Student Enterprise Grant. Directorate General of Higher Education.
(Development of Mass rearing techniques for *Trichogramma* spp. a potential biological control agent of Lepidoptera).

5. Publications

1. A Rizali, S Karindah, A Windari, B Rahardjo, Nurindah, **Sahari B.** 2020. [Ant and termite diversity in Indonesian oil palm plantation: Investigating the effect of natural habitat existence](#). Biodiversitas, 21(4): 1326-1331
2. **B Sahari**, YA Adhi, R Rolland, PP Utama, I Ismail. 2020. [Peatland management for oil palm in Indonesia](#) in Sulaeman *et al.* (Eds). Tropical Wetlands-Innovation in Mapping and Management. London: CRC Press,Taylor & Francis Group. ISBN 978-9-367-20964-3
3. **B Sahari**, D Buchori, S Manuwoto, A Nurmansyah. 2019. Pattern of Lepidopteran pest community attacking oil palms and their associated hymenopteran parasitoid. IOP Conference Series: Earth and Environmental Science 325 (1), 012010
4. RDJ Bakara, D Buchori, RYM Kusumah, **B Sahari**, A Apriyanto. 2019. Genetic diversity of *Elaeidobius kamerunicus* Faust.(Coleoptera: Curculionidae) across geographic areas in Indonesia: implications for oil palm sustainability. IOP Conference Series: Earth and Environmental Science 325 (1), 012003
5. A Rizali, S Karindah, T Himawan, MLT Meiadi, BT Rahardjo, **B Sahari**. 2019. [Parasitoid wasp communities on oil palm plantation: Effects of natural habitat existence are obscured by lepidopteran abundance](#). Journal of Asia-Pacific Entomology 22 (3): 903-907
6. A Rizali, BT Rahardjo, S Karindah, FR Wahyuningtyas, **B Sahari**. 2019. [Communities of oil palm flower-visiting insects: investigating the covariation of *Elaeidobius kamerunicus* and other dominant species](#). PeerJ 7, e7464.
7. Haryanto A, Hasanudin U, **Sahari B**, Sugiarto R. 2018. Methane emission reduction in palm oil mill through co-composting empty fruit bunch and palm oil mill effluentProcedia Environmental Science, Engineering and Management 6 (2019) (3) 431-441
8. Dewi RAS, Intriwati LT, **Sahari B**, Sabiham S. 2018. Lignocelulose and soil microbes at different land slopes in oil palm plantation. Journal of Tropical Soil Vol 23 (1)
9. Mustikasari N, Tarigan SD, Sabiham S, **Sahari B.** 2018. [Aliran permukaan, erosi dan kehilangan hara kebun kelapa sawit kabupaten Sorolangun provinsi Jambi](#). Jurnal Tanah dan Lingkungan. 20 (2): 82-85
10. Rahardjo TB, Rizali A, Utami IP, Karindah S, Puspitarini RD, **Sahari B.** 2018. Populasi *Elaedobius kamerunicus* Faust (Coleoptera: Curculionidae) pada beberapa umur tanaman kelapa sawit. JEI 15 (1): 31-39
11. Kurniawan D, Yulminarti, **Sahari B.** 2018. Keanekaragaman Burung di Lansekap Perkebunan Kelapa Sawit di Desa Sungai Sagu, Kabupaten Indragiri Hulu, Provinsi Riau. JRB 3(1): 12-16
12. Rizali, Himawan T, Fitriani I, Rahardjo BT, Karindah S, Puspitarini RD, **Sahari B.** 2018. Effect of Natural Habitat on Diversity of Hemipteran Predator in Oil Palm Plantations. J. HPT Tropika 18 (1): 75-81
13. Permana AD, Permana B, **Sahari B**, Eka Putra R, Kinasih I. 2017. Estimating number of oil palm (*Elaeis guineensis*) pollen grains using image analysis and processing. Journal of Oil Palm Research 29(3):311-317

14. **Sahari B**, A Rizali, Mardiasuti A, Buchori D. 2017. Case Study: Ecological Services Enhancing Agricultural Landscapes in Indonesia. In Aquirre A, Sukumar R: Tropical Conservation: Perspectives on Local and Global Priorities. OXFORD University Press: Pp.385-389
15. Buchori D, Puspitasari S, **Sahari B**, A Rizali, Mardiasuti A. 2017. Insect pollinator in decline: Conservation challenges in the tropics In Aquirre A, Sukumar R: Tropical Conservation: Perspectives on Local and Global Priorities. OXFORD University Press: 290-300
16. Sabiham S, Winarna, Pulunggono HB, Novarina D, **Sahari B**. 2016. What is the way forward on Indonesian Peatlands?. 15th International Peat Congress, Kuching 2016 A-454: 39-42
17. Sabiham S, Winarna, Pulunggono HB, Novarina D, **Sahari B**. 2016. Peatland utilization with secure and sustainable management: Case study from oil palm and timber forest plantations in Sumatra. 15th International Peat Congress, Kuching 2016 A-256: 95-96
18. Kasfari MR, YA Adi, Sumawinata B, **Sahari B**. 2016. Is Peatland Utilization the main cause of land fire in Indonesia?. 15th International Peat Congress, Kuching 2016. A-317: 361-364
19. Roland R, Mulia H, Firmansyah F, Mubarak H, **Sahari B**. 2016. Ground Water Level, Rainfall and Subsidence: Key factors analysis affecting peatland management system for oil palm plantations in Indonesia. 15th International Peat Congress, Kuching 2016 A-316: 502-503
20. Anwar S, Rehman SAU, Sudadi U, **Sahari B**, Sabiham S. 2016. Historical development of industrial scale oil palm plantation and changes in above-ground biomass over peatland in Riau and West Kalimantan provinces, Indonesia. 15th International Peat Congress, Kuching 2016 A-318: 97-101
21. **Sahari B**. 2015. *Elaeobius kamerunicus*: Penyerbukan dan fruitset. Buletin Entomologi: 1: 5-7
22. Ramadhan GF, Sahari B. 2015. Biodiversity Conservation in Oil Palm Landscape. Jakarta: Indonesian Palm Oil Association
23. Hardjotedjo S, **B Sahari**, Palgoenadi B. 2013. Management of oil palm pests and diseases in Indonesia: Learning from the past, adapting for the future. Proceedings of the 5th MPOB-IOPRI International Seminar. MPOB-IOPRI: 254-264.
24. **Sahari B**, Ramadhan G F, Bosar A, Supriyono J. Biodiversity Conservation in Oil Palm Landscape (In Indonesian). 2013. Proceeding of National Workshop on Agriculture and Fisheries Research, University of Gadjah Mada. Pp 161-166
25. **Sahari B**. 2012. Struktur Komunitas Hymenoptera Parasitika di Lansekap Perkebunan Kelapa Sawit, Desa Pandu Senjaya, Pangkalan Lada, Kalimantan Tengah. [Disertasi]. Bogor: Institut Pertanian Bogor
26. Hasanah N, Tabadepu H, **Sahari B**, Buchori D. 2011. Spatial Dynamic of Butterfly diversity and abundance in Bukit Barisan National Park, Sumatera. Proceedings of National seminar, Indonesian Entomological Society. Bandung 16-17 February 2011. OEB-17: 713-720.
27. Rizali A, Rahim A, **Sahari B**, Prasetyo LB, Buchori D. 2011. Impact of Invasive Ant Species in Shaping Ant Community Structure on Small Islands in Indonesia. J. Biol. Indon. 7: 221-230
28. Herlina N, Rizali A, Moerfiah, **Sahari B**, Buchori D. 2011. Pengaruh Habitat Sekitar Lahan Persawahan dan Umur Tanaman Padi terhadap Keanekaragaman Hymenoptera Parasitika. J Entomol. Indon. 12: 17-22

29. **Sahari B**, A. Rizali, D Buchori. 2010. Insect Pollinator Communities under changing landuse in Tropical Landscapes: Implications for agricultural management in Indonesia. In Tropical Rainforests and Agroforests Under Global Environment Change. Springer. Berlin. 97-114.
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31. Buchori, D, Meilin A, Hidayat P, **Sahari B**. 2010. Species distribution of *Trichogramma* and *Trichogrammatidae* genus (Trichogrammatidae: Hymenoptera) in Java. ISSAS. 16 (1): 83-96
32. Setiani EA, Rizali A, Moerfiah, **Sahari B** , Buchori D. 2010 Keanekaragaman Semut pada Persawahan di Daerah Urban: Investigasi Pengaruh Habitat Sekitar dan Perbedaan Umur Tanaman Padi. J Entomol. Indon. 7: 88-99
33. Tabadepu H, Buchori D, **Sahari B**. 2008. Butterfly record from Salak mountain Indonesia. J Entomol.indon. (5): 10-16
34. Buchori, D, **Sahari B**. Nurindah. 2008. Conservation of Agroecosystem through Utilization of Parasitoid Diversity: Lesson for Promoting Sustainable Agriculture and Ecosystem Health. Hayati, Journal of Bioscience. Hayati Journal of Bioscience. 15(4):165-172
35. Sapdi, Buchori, D, Kartosuwondo, U, Tjitrosemito, S, **Sahari B** . 2007. Implikasi Keberadaan Agens Hayati *Neochetina eichhorniae* (Coleoptera: Curculionidae) Terhadap Eceng Gondok. JEI 4: 10-18
36. Bahagiawati, Buchori, D, Nurindah, Rizjaani, H, Utami, DW, **Sahari, B**, Sari, A. 2006. Struktur Populasi *Trichogrammatoidea armigera*, Parasitoid telur *Helicoverpa armigera*, berdasarkan analisis RAPD-PCR. Jurnal AgroBiogen 2 (2): 52-58
37. Nurhasanah, Tabadepu H, Buchori, **Sahari B**. 2006. Butterfly Community Structure in Bukit Barisan Selatan National Park. [Technical Report]. Bogor: Peka Indonesia
38. Sapdi, Buchori, D, Kartosuwondo, U, Tjitrosemito, S, **Sahari, B**. 2006. Persebaran agens hayati *Neochetina* spp. (Coleoptera: Curculionidae) di Jawa Barat dan DKI Jakarta. JEI 3: 35-44
39. Nelly N, Habazar T, Syahni R, **Sahari B**, Buchori D. 2005. Functional Response of the parasitoid *Eriborus argenteopilosus* (Cameron) to *Crocidolimia pavonana* (Fabricius) under different temperature. Hayati Journal of Bioscience 12(1): 17-22
40. **Sahari B**. 2004. Spatial and Temporal Dynamic of Insect Community Structure and Parasitic Hymenoptera Diversity in Cacao Agroforestry System, Lore-Lindu National Park, Central Sulawesi [Thesis]. Bogor: Bogor Agricultural University
41. **Sahari B**. 1999. Encapsulation of Parasitoid *Eriborus argenteopilosus* and Its Impact on Its hosts *Crocidolomia binotalis* and *Spodoptera litura*. [Skripsi]. Bogor: Bogor Agricultural University