

CURRICULUM VITAE

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OCCUPATION : **Professor** and Head of Biological Control Laboratory, Dept. of Plant Protection, Faculty of Agriculture IPB University, Bogor, Indonesia
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EDUCATION and TRAINING :

1. 1984 Bachelor of Agriculture. Department of Pest and Plant Diseases, Bogor Agricultural University. Indonesia
2. 1989 Master of Science in Entomology. Entomology Department, University of Illinois at Urbana- Champaign. USA
3. 1993 Ph.D in Ecology, Evolution and Behaviour. Biology Department, Indiana University at Bloomington. USA
4. 2003 Training on Holistic Approach of Genetically Modified Organisms, Univ. Of Tromsoe, Norway, August 3-13, 2003.
5. 2009 Training on Hazard Identification and Risk Assessment of (Trans)gene Flow, Tromsoe, Norway, August 16-23, 2009
6. 2013 Training Program on Biological Control Research Methods, University of Tsukuba Graduate School of Life and Environmental Science, Jepang, January, 28 through February 1, 2013
7. 2013 Training school action for innovation in science study tour and training, Collaboration with Columbia University, New York, USA, 25 Feb-8 March 2013
8. 2013 Southeast Asian Training Course on Agroecology, Solo, Indonesia, June 5-9, 2013

WORKING EXPERIENCE:

1. 1993-present : Lecturer and academic staff at Department of Plant Protection, Faculty of Agriculture, IPB University, Bogor. Indonesia
2. 1999-2003 : Director of Center for Integrated Pest Management, IPB, Bogor
3. 2003-2007 : Head, Dept. of Plant Protection, Faculty of Agriculture, IPB
4. 2007-2009 : Executive Director, KEHATI Foundation, Jakarta Indonesia
5. 2009-2011 : Lead Scientist and Conservation Director of TNC Indonesia-Forest Program.
6. 2012-2014 : Social-Governance Specialist to PNPM Green- World Bank (National Program For Environment and Community Development), Jakarta, Indonesia
7. 2016-2020 : Project Director of Partnership for Sustainable Landscape Management, South Sumatra, ZSL Indonesia
8. 2018- present : Head, Center for Transdisciplinary and Sustainability Science, IPB University

KEY AFFILIATIONS AND NETWORKING:

- Institute of Agroecology, University of Goettingen: since 1998-present
- CERC, Earth Institute, Columbia University, New York - Adjunct researcher: 2003- 2013
- Wildlife Trust Alliance, New York : 1995-2007
- Department of Population Ecology, University of Vienna, Austria: 2005-present
- Department of Zoology, University of Cambridge: 2020-2022

AWARDS

1. 1997: Best presenter in the Indonesian Entomological Society Meeting. Bandung, June, 1997
2. 2000 : The Iris Darnton-Whitley Award for International Nature Conservation, The Royal Geographical Society of London
3. 2001 : Man and Biosphere (MAB) Certificate. UNESCO-LIPI.
4. 2018 : Honorary Fellow, ATBC (Association of Tropical Biology and Conservation)
5. 2006 : International Conservation Scientist Award 2006, Wildlife Trust, New York
6. 2020 : Most cited author from IPB University in the Natural Sciences, IPB, Bogor

GRANTS:

1. 1996-1998 Young Academic Program Research Funds. URGE PROJECT, Directorate General For Higher Education, Ministry of Education
2. 1998-2000 Research Grants from BIOTROP (Center For Tropical Biology)
3. 1998-2000 Competitive Research Grant VII, Directorate General of Higher Education:
4. 1999 Basic Research Grants. Directorate General of Higher Education. Ministry of Education.
5. 2000-2001 Species Survival Fund-Research Grant. Wildlife Trust, New York
6. 2001-2002 Whitley Continuation Award, London.
7. 2001-2003 Species Survival Fund-Research Grant. Wildlife Trust, New York
8. 2003-2005 Competitive Research Grant XI. Directorate General of Higher Education.
9. 2006 SEARCA Seed Fund for Research and Training (SFRT):
10. 2006 SPARK Research Grant. VSO
11. 2006-2009 Research Grant from the Ministry of Research and Technology, Indonesia

12. 2010-2012 International Strategic Research Grant, DIPA Research Program, Bogor Agricultural University
13. 2012 Competency Research Grant DGHE, Ministry of Education and Culture
14. 2012 DIPA Research Grant, SEAMEO BIOTROP
15. 2013 Global Pollination Project FAO
16. 2013-15 SAIInS (School Action for Innovations in Science Project-IPB , USAID
17. 2014 International Research Grant, DGHE, Ministry of Education and Culture
18. 2013-2019 PMDSU Research Grant, Directorate, DGHE, Ministry of Education and Culture
19. 2013-2021 ABS (Access Benefit Sharing) Research Grant, CRC 990- EFForTS Project, DFG-Germany
20. 2017 International Strategic Research Grant, IPB University
21. 2019 PDUPT Research Grant, Ministry of Research, Technology and Higher Education
22. 2019 World Class Research (WCR) Grant, Ministry of Research, Technology and Higher Education
23. 2019 PTUPT Research Grant, Ministry of Research, Technology and Higher Education
24. 2019-2020 PDUPT Research Grant, Ministry of Research, Technology and Higher Education
25. 2019-2020 Research Grant from Syngenta
26. 2021 Research Grant from RAPP
27. 2020-2022 Global Challenges Research Funds (GCRF-UK)

TEACHING EXPERIENCE:

Undergraduate Courses:

1. Introduction to Entomology : Laboratory exercises, Bogor Agricultural University
2. Evolution for juniors and seniors of Biology majors, Indiana University, Bloomington, USA.
3. Introduction to Plant Protections, Bogor Agricultural University
4. Biological Control, Bogor Agricultural University
5. Introductory Ecology, Bogor Agricultural University
6. Introduction to Agricultural Pests, Bogor Agricultural University
7. Environmental Science, University of Indonesia
8. Scientific Writing Technique, Bogor Agricultural University
9. Introduction to Agricultural Sciences, Bogor Agricultural University
10. Introduction to Agroecology, IPB University
11. Agricultural Politics, IPB University

Graduate courses:

1. Introductory Entomology, Bogor Agricultural University
2. Insect Morphology, Bogor Agricultural University
3. Evolutionary Ecology, University of Indonesia
4. Insect Ecology, Bogor Agricultural University
5. Development of Biocontrol Agent, Bogor Agricultural University
6. Host Parasite Interaction, Bogor Agricultural University
7. Policy in Plant Protection, IPB University
8. Philosophy of Science, Bogor Agricultural University
9. Introduction to International Tropical Agriculture, IPB University
10. Ecosystem and Social System Dynamics, IPB University

RESEARCH EXPERIENCES (last 25 years):

1. 1996 Interaction between sugar apple seed extract (a botanical insecticide) and the use of *Diadegma semiclausum* in Biological Control of *Plutella xylostella*.
2. 1996 Detection of virus symbiont from several Braconids and Ichneumonids and its role in suppressing the Host's defense mechanism)
3. 1996 Detection of virus symbiont from parasitoids and its application in the control of *Crocidolomia binotalis*.
4. 1996-1998 Population structure of bamboo and rattan in Gunung Halimun National Park.
5. 1998 Ecological impact of El-Nino on agriculture in Indonesia. Collaboration between Center for Integrated Pest Management and Center for Environmental Research and Conservation, Columbia University, New York.
6. 1998-2000 Analysis of key factors influencing the fitness of trichogrammatids in mass rearing as insurance for quality control products.
7. 1998-2000 Ichneumonid diversity in Gunung Halimun National Park: A test of Resource Release Hypothesis
8. 2000-2002 Promoting Ecosystem Health through The Utilization of Plant and Insects Diversity.
9. 2000-2002 Population Distribution and Abundance of *Telenomus* spp. In Java
10. 2000-present Insect diversity and functions under different landscape use
11. 2003-2005 Functional Response, Fluctuation Asymmetri, Foundress Numbers, and Food Availability: Studies On *Trichogramma* Reproductive Ecology and Its Implication Toward Biological Control
12. 2000-2009 Insect Diversity under land Use Change: Studies of Stability at the Forest Margin, Lore Lindu, Sulawesi
13. 2007 Development and Utilization of Geographic Information System for A Better Control Decision Making of Two Species of Paddy Stem Borer *Scirpophaga innotata* and *Scirpophaga incertula* s: A model of Sustainable Management for Paddy Plantation in Indonesia
14. 2006 Participatory Action Research for Vegetable IPM: A Model of Farmers Empowerment in EcoAgriculture
15. 2007- 2009 Augmentation and Conservation of Parasitoid Diversity: Analysis of Agroecosystem Ecology for Sustainable Agriculture
16. 2006-2008 Pollinator Efficiency and Landscape Use
17. 2009-2011 Orangutan conservation Project, Kalimantan, TNC
18. 2009-2011 Berau Forest Carbon Program, Berau, East Kalimantan-TNC
19. 2010 Climate change effect on community structure of ants in Cacao Plantation: Its Impact Toward Transmission of Cacao Diseases.

20. 2012 Long-term change effect of cacao agro-forestry system to structure and composition of Coleoptera
21. 2012-2014 Model development and biological control application to strengthen parasitoid diversity and its effectivity at landscape scale (Penelitian Hibah Kompetensi)
21. 2012-2013 Utilization of Insects As Bio-indicator Of Reclamation Success In Berau, East Kalimantan (BIOTROP)
22. 2013-2015 SAIInS Project- Strenghtening Science Teaching Curriculum in Secondary High School
23. 2013 Assessing Ecosystem Services in Rice Production
24. 2013 Assessment on Pollination Efficiency in Indonesia
25. 2014 Ecological Services of Transformed Ecosystem: The role of Ants and Termites in different land-use system in Jambi (International Research Collaboration, DIKTI, Ministry of Research, Technology and Higher Education)
26. 2014-2016 Kelimpahan dan kekayaan spesies parasitoid larva *Diaphania indica* Saundres (Lepidoptera:Pyralidae) dan biologi parasitoid *Apanteles taragamae* Viereck (Hymenoptera : braconidae) (Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul-PMDSU)
27. 2016-2018 Pola Pemencaran Dan Struktur Populasi Parasitoid Braconidae Pada Pertanaman Kacang Panjang Di Beberapa Struktur Lanskap (Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul-PMDSU)
28. 2015-2017 Aplikasi model pengendalian hayati pada skala lanskap: Optimalisasi peran parasitoid dalam mengendalikan hama (Penelitian Unggulan Perguruan Tinggi) PUPT-Kemenristekdikti
29. 2017 Deteksi Defisit Serangga Polinator sebagai akibat dari perubahan penggunaan lahan (Penelitian Unggulan Perguruan Tinggi)
30. 2018 Evaluasi Pelepasan *Cecidochares connexa* (Diptera : Tephritidae) Sebagai Agens Hayati Spesies Invasif *Chromolaena Odorata* (L.) King & Robinson (Asteraceae) Pada Berbagai Tipe Habitat Di Bogor, Jawa Barat (Pendidikan Magister Doktor Sarjana Unggulan)
31. 2019-2020 Interaksi Tropik Baru antara Agens Pengendali Biologi Gulma Eksotik Invasif dengan Parasitoid Lokal: Implikasi terhadap Keefektifan Agens Pengendali Biologi (Penelitian Dasar Unggulan Perguruan Tinggi)-PDUPT-Kemenristekdikti
32. 2019 Komunitas dan Kovariansi Serangga Herbivora dan Musuh Alaminya pada Berbagai Tipe Penggunaan Lahan di Jambi Penelitian World Class Research (WCR) Kemenristekdikti
33. 2019 Investigating The Impact Of Insecticide On Pollinators In Tropical Agricultural Landscape
34. 2019 Monitoring of Coleoptera and Diptera community pattern across four Indonesia land-use system (Access-Benefit-Sharing -ABS Funds CRC 990/EFForts)

35. 2019 Establishment of a Taxonomic key for Hymenoptera (Braconidae and Ichneumonidae species of the effort project (Access-Benefit-Sharing -ABS Funds CRC 990/Efforts)
36. 2020 Eksplorasi musuh alami potensial *Spodoptera frugiperda*, hama asing invasive di Indonesia (Penelitian Terapan Unggulan Perguruan Tinggi) PTUPT-Kemenristekdikti
37. 2020 Survey of Bee Keepers Perspectives on the Population Decline of Honey Bees
38. 2021 Exploration of Parasitoids for Biocontrol Agents of the gall leaf, *Ophelimus* in Eucalyptus trees
39. 2016-2020 Sustainable Landscape and Land Use Change in South Sumatra: Effect on Livelihood, biodiversity, and fire management and mitigation
40. 2020-2022 Ecological management to benefit ecosystem services and sustainable production in smallholder oil palm systems in Malaysia and Indonesia
41. 2021-2022 Forest Governance, international trade and community livelihood: challenges and vision for 2030

EXPERIENCES IN ASSESSMENT and DEVELOPMENT PROJECTS:

1. 1998 Member of Assessment Team for the Impact of Forest Fires: Socio-Economic and Environmental Consequences. United Nations Development Program (UNDP) and the Ministry of Environment.
2. 1999 Member of Rapid Assessment Team for the Development of The Advisory Document on Environmental Governance, UNDP-Ministry of Environment
3. 2000 Member of the National Accreditation Board (BAN) review team for team for S2, Directorate General of Higher Education
4. 2001 Project Leader for Evaluation of Conservation in Lore Lindu National National Park, USAID-The Nature Conservancy.
5. 2001-2003 Review Team for TPSDP Project, ADB, Directorate General of Higher Education, Ministry of Education
6. 2002 Member of Evaluation Team for Transgenic (Bt) cotton Development Project, Ministry of Environment, Jakarta
7. 2002-2005 Member of Task Force 7 for Environmental Sustainability Millenium Development Goal, United Nations, New York
8. 2003-2005 Member of Review team for Program B, Directorate General of Higher Education.
9. 2005 Member of Review team for IRQUE Project-World Bank, Srilanka Higher Education, Colombo, Srilanka
10. 2012 Member of the Review Team for Indonesian Climate Change Trust Fund (ICCTF),BAPPENAS, Jakarta
11. 2012 Member of the Design and Development of National Action Plan for Climate Change Adaptation, BAPPENAS, Jakarta

12. 2013 Member of Writing Team for Adaptation and Mitigation of Climate Change; sub chapter National Food Security
13. 2013 Member of Reviewer Program USAID Scholarship PRESTASI
14. 2013 Member of Assessing Ecosystem services in Rice Production. FAO
15. 2013-2015 Member of SAlnS Project (Strengthening Science Curriculum in Secondary Education), USAID
16. 2013-2016 Task Force of Global Pollination Assessment, IPBES-UNEP
17. 2015-2017 Team Leader of Risk Assessment of World Mosquito Program, UGM-Tahija Foundation
18. 2016-2020 Team Leader for South Sumatra Sustainable Landscape Management, ZSL-UKCCU-DFID, UK
19. 2021 Team Leader for Assessment and Evaluation of World Mosquito Program, UGM-Tahija Foundation
20. 2022 Lead Co-chair of TF4 Task Force on Food Security and Sustainable Agriculture-T20 Summit of G20

EXPERIENCES IN BOARDS, RESEARCH TEAM AND SCIENTIFIC COMMITTEES :

1. 1995-1998 Board member of the Consortium for Community Based Ecotourism Project in Gunung Halimun National Park. Biodiversity Conservation Network.
2. 1997 Member of the Collaborative Research Team between IPB and Center for Environmental Research and Conservation, Columbia University, USA on El Nino: Impacts and Consequences
3. 1997-2009 Member of the Collaborative Research Team IPB- Goettingen University, Germany (Stability of Forest Margins Project, Lore Lindu, Central Sulawesi)
4. 2000-2007 Advisory Board for the SPARK-VSO Program, British Council
5. 2001-2003 Program Coordinator for Professional Development, WildlifeTrust, New York, USA
6. 2001- present Plant Protection Committee, Directorate of Plant Protection, Ministry of Agriculture.
7. 2006 International Workshop Coordinator "Holistic Foundation for Assessment and Regulation of Genetic Engineering and Genetically Modified Organism. Bogor. January 2006.
8. 2006- present Plant Quarantine Committee, Plant Quarantine Agency, Ministry of Agriculture
9. 2006 Conference Coordinator, The 11th Biennial Conference of The International Association for The Study of Common Property, Ubud, Indonesia, June 13-23 2006
10. 2007 Steering Committee. National Conference on Insect Conservation in Tropical Landscape. January 27-30. Bogor. 2007.
11. 2007- 2012 Board Member. Pelangi Indonesia Foundation. Jakarta
12. 2007-present Board Member. PEKA Indonesia Foundation. Bogor

13. 2009-2010 Steering Committee for the Xth International Conference of Association for Tropical Biology and Conservation
14. 2012 Organizing Committee for the 2012 National Seminar and 8th Congress of the Entomological Society of Indonesia, Bogor, 25-26 January, 2012.
15. 2012 Member of Steering Committee (SC). Committee of Expostulation First Stone Site at Campus Faculty of Agriculture by President Republic Indonesian Ir. Soekarno. 2 April 2012
16. 2012 Team Member for History Book of Faculty Agriculture, Bogor Agricultural University. 2 April 2012
17. 2012 Secretary of Commision D (Agriculture Development) Senate Faculty of Agriculture, Bogor Agricultural University. Period 2012-2016. 12 April 2012
18. 2012 International Advisory Committee and Science Program Committee for the 2nd Asia Regional Conference of the Society for Conservation Biology: BiodiversityAsia 2012- Science,Policy, and Governance. Bangalore, India 7-10August, 2012
19. 2012 Member of Indonesian Task Force for National Action Plan for Climate Change Adaptation, BAPPENAS
20. 2013 Member of Assessing Ecosystem services in Rice Production. FAO
22. 2013 Member of Dewan Guru Besar IPB (1-10-13-member No.201301052
23. 2017-present Board of Samdhana Institute
24. 2016-present Expert Team of the Global Environment Facility (GEF). Ministry Environment and Forestry
25. 2020-present Member of AIPI -Indonesian Academic of Sciences- Natural Sciences Commission
26. 2020-present Biodiversity and Ecosytem Function in Tropical Agriculture Understory Vegatation Project (BEFTA UV) – a joint project University of Cambridge, NERC Center for Ecology and Hydrology, UK- IPB – SMART RI- UPM
27. 2021-2022 Research Coordinator for Forest Governance in the Next 10 years, Chatham House-IPB University

ADMINISTRATIVE AND MANAGERIAL EXPERIENCES :

1. 1994-1999 Educational Commission for Department of Pest and Plant Diseases, IPB.
2. 1998-1999 Vice Dean for Collaboration. Faculty of Agriculture. IPB.
3. 1996-1999 Research Program Coordinator on Biological Control for Center of Integrated Pest Management.
4. 1999-2003 Director of Center for Integrated Pest Management, Bogor Agricultural University
5. 2001-2007 Director of PEKA Indonesia Foundation

6. 2003-2007 Chairman, Dept. of Plant Protection, Faculty of Agriculture, IPB
7. 2003- 2007 Secretary, Entomological Society of Indonesia
8. 2007 -2009 Executive Director of Indonesian Biodiversity Foundation. Indonesia
9. 2009-2011 Director for Conservation Program, TNC Forest Indonesia
10. 2007-2011 Vice President, Entomological Society of Indonesia
11. 2012-2015 Vice President, Entomological Society of Indonesia
12. 2015 Executive Director of Pertamina Foundation
13. 2016-2020 Project Director of South Sumatra Sustainable Landscape Management, ZSL- UKCCU-DFID
14. 2018-present Chair, of the Center for Transdisciplinary and Sustainability Sciences, CTSS- IPB University

SCIENTIFIC WRITINGS AND PUBLICATIONS (Last 25 years):

1. **Buchori D**, Pudjianto and Sari A. 1997. Host influences on the bionomics of *Telenomus spodopterae*. *Bulletin HPT*9(2):8-18.
2. **Buchori D**. 1998. Impact of Forest Fires in the Agricultural sector: Chapter in Forest and Land Fires In Indonesia: Factors, Impact and Evaluation. Suryadi H, and H Jhamtani. (eds). 1998. UNDP and The State Ministry of Environmental Affairs.
3. Irsan C, S Sosromarsono, **Buchori D** and H Triwidodo. 1998. Aphids (Homoptera: Aphididae) found in Solanaceae, West Java (In Indonesia). *Bull. HPT*10:1-4.
4. Dono D, Prijono D, Manuwoto S and **Buchori D**. 1999. Effects of *Aglaia harmsiana* Perkins seed extract on interaction between *Crocidolomia binotalis* Zeller (Lepidoptera: Pyralidae) and its parasitoid, *Eriborus argenteopilosus* Cameron (Hymenoptera: Ichneumonidae) (in Indonesian). *Bull. HPT*10:38-46.
5. Araz M, Hidayat P, **Buchori D**, and Kartosuwondo. 2000. Egg parasitoid of the cabbage pest, *P. xylostella*. (in Indonesian). *Bull. HPT*11:29-34.
6. Sudarmo, Prijono D, Manuwoto S, and **Buchori D**. 2001. Effects of the botanical insecticide *Aglaia odorata* extract on the growth and development of *Eriborus argenteopilosus* (in Indonesian). *J. Hama dan Penyakit Tumbuhan Tropika* 1: 63-70.
7. **Buchori D**. 2001. Challenges for insect conservation in Indonesia. *Antenna* 25: 15-19. Royal Entomological Society of London.
8. Sudarmo, Prijono D, Manuwoto S, **Buchori D**. 2001. Selectivity of *Aglaia odorata* extract toward *Crocidolomia binotalis* Zeller and *Eriborus argenteopilosus* (Cameron). (in Indonesian). *J. Hayati*8:112-116.
9. Klein A, I Steffan-Dewenter, **Buchori D** and T. Tscharrntke. 2002. Effects of land-use intensity in tropical agroforestry systems on flower-visiting and trap-nesting bees and wasps. *Conservation Biology* 16:1003-1014.
10. **Buchori D**, Ardhian D. 2002. Local involvement in emerging democracy: a case study of biodiversity management in Indonesia. In T. O’Riordan and S. Stoll-Kleeman (eds). Biodiversity, Sustainability and Human Communities. Cambridge University Press.

11. Rizali A, **Buchori D**, Triwidodo H. 2002. Insect Diversity at the Forest Margin-Rice Field Interface: Indicator for a Healthy Ecosystem. (in Indonesian). *J.Hayati* 9:41-48.
12. Sapdi, Prijono D, **Buchori D**. 2002. Fitness of *Eriborus argenteopilosus* (Cameron) raised on *Helicoverpa armigera* (Hubner) treated with *Aglaia odorata* extract. *Agrista* (6) 2:179-188. (in Indonesian).
13. Yuliarti N, Hidayat P, **Buchori D**. 2002. Molecular identification of egg parasitoid, *Telenomus* spp (Hymenoptera: Scelionidae) from several locations in Java using RAPD PCR. *Biotropia* 19:57-62.
14. Yuliarti N, Hidayat P, **Buchori D**. 2002. Variation in the genetics and morphological characters of the genus *Telenomus* from different areas in Java (in Indonesian). *Forum Pascasarjana* 25(2):157-169.
15. Hamid H, **Buchori D**, Hermanu T. 2003. Diversity and Parasitism of Parasitoid in the Rice Field of Gunung Halimun National Park. *J. Hayati* 10(3):85-90.
16. Usyati N, **Buchori D**, Hidayat P. 2003. Extrication of *Trichogrammatoidea armigera* Nagaraja use spot technique release and spread in the field. *Forum Pascasarjana* 26(4):299-309.
17. Wayan S, Solihin DD, **Buchori D**, Manuwoto S, and Triwidodo H. 2004. Spiders Community in Ricefields Landscape at Cianjur (in Indonesian). *J. Hayati* 11:145-152.
18. Nelly N, Habazar T, Syahni R, Sahari B, dan **Buchori D**. 2005. Functional Response of the Parasitoid *Eriborus argenteopilosus* (Cameron) to *Crociodolomia pavonana* (Fabricius) under Different Temperature (in Indonesian). *J. Hayati* 12: 17-22.
19. Sudarsono H, Hasibuan R, **Buchori D**. 2005. Biology and Transformation of Locust Kembara *Locusta migratoria manilensis* Meyen (Orthoptera:Acrididae) at Some Level of Population Density in Laboratory. *J. Hama dan Penyakit Tumbuhan Tropika* 5: 24-31
20. Veddeler D, Schulze CH, Steffan-Dewenter I, **Buchori D** and Tscharnkte, T. 2005. The contribution of tropical secondary forest fragments to the conservation of fruit-feeding butterflies: effect of isolation and age. *Biodiversity and Conservation* 14(14):3577-3592.
21. **Buchori D**, Adiwibowo S, Santosa DA, Kartodiharjo H, Triwidodo H. 2005. Public participation on development of biotechnology policy in Indonesia: *Challenges, Obstacles, and Opportunity*. Departement of Plant Protection, Bogor Agricultural University.
22. 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.
23. Dandar D, Prijono D, Manuwoto S, **Buchori D**, Dadang, Hasim. 2006. Penghambatan enkapsulasi pradewasa parasitoid *Eriborus argenteopilosus* (Cameron) oleh larva *Crociodolomia pavonanna* (F.) menggunakan rokaglamida. *J.Bionatura* 8 : 24-38
24. Dandar D, Prijono D, Manuwoto S, **Buchori D**, Dadang, Hasim. 2006. Fitotoksitas rokaglamida dan ekstrak ranting *Aglaia odorata* (Meliaceae) terhadap tanaman brokoli dan kedelai. *J.Agrikultura* 17: 7-14
25. Dandar D, Prijono D, **Buchori D**, Manuwoto S, Dadang, Hasyim. 2006. Pengaruh rokaglamida dan parasitoid *Eriborus argenteopilosus* terhadap kadar dan profil

protein hemolimfa larva *Crocidolomia pavonana* serta melanisasi kutikula. *Jurnal Agrikultura* 17: 185-194

26. Murtiyarini, **Buchori D.** 2006. Penyimpanan suhu rendah berbagai fase hidup parasitoid: Pengaruhnya terhadap Parasitisasi dan Kebugaran *Trichogrammatoidea armigera* Nagaraja (Hymenoptera: Trichogrammatoidea). *Jurnal Entomologi Indonesia* 3(2):13-25
27. Yaherwendi, Manowoto S, **Buchori D**, Hidayat P, Budiprasetyo L. 2006. Analisis spasial lanskap pertanian dan keanekaragaman Hymenoptera di daerah aliran sungai Cianjur. *J. Hayati* 13:137-144.
28. 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
29. Sapdi, **Buchori D.** Kartosuwondo U, Sukisman T, Sahari B. 2006. Implikasi Keberadaan Agens Hayati *Neochetina eichhorniae* (Coleoptera: Curculionidae) Terhadap Eceng Gondok. *JEI*:3(2):26-34
30. Anggara WA, **Buchori D.** 2006. Pemencaran parasitoid *Telenomus remus* Nixon (Hymenoptera: Scelionidae) berdasar dimensi ukuran sayap depan. *Widyariset Kapita Selektia LIPI* 9(3):35-42.
31. Steffan-Dewenter I, Kessler M, Barkmann J, Bos M, **Buchori D**, Erasmi S, Faust H, Gerold G, Glenk K, Gradstein R, Guhardja E, Harteveld M, Hertel D, Höhn P, Kappas M, Köhler S, Leuschner C, Maertens M, Marggraf R, Migge-Kleian S, Mogeja J, Pitopang, Schaefer M, Schwarze S, Sporn S, Steingrebe A, Tjitrosoedirdjo S, Tjitrosoemito S, Tscharncke T, Twele A, Weber R, Woltmann L, Zeller M. 2007. Tradeoffs between income, biodiversity, and ecosystem functioning during tropical rainforest conversion and agroforestry intensification. *PNAS* 104:4973-4978.
32. Bos, MM, Hohn, P, Saleh, S, Buche, B, **Buchori, D**, Steffan-Dewenter, I, Tscharncke, T. 2007. Insect Diversity response to forest conversion and agroforestry management. In Tscharncke, T, Leuschner, Zeller, C, Guhardja, E, and Bidin, A (eds). *Stability of Tropical Rainforest Margins*. Springer. New York.
33. Hasriyanti, **Buchori D**, Pudjianto. 2007. Efisiensi pamarasitan parasitoid *Trichogrammachilotraeae* Nagaraja & Nagarkatti (Hymenoptera: Trichogrammatidae) pada berbagai jumlah inang dan kepadatan parasitoid. *Jurnal Entomologi Indonesia* 4 (2):60-65
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PROFESSIONAL SOCIETY MEMBERSHIPS:

- | | |
|---|------------------------|
| 1. Entomological Society of America | : 1987-1993, 1999-2004 |
| 2. Society for the Study of Evolution | : 1989-1996 |
| 3. American Institute of Biological Sciences | : 1989-2010 |
| 4. Ecological Society of America | : 1997-2015 |
| 5. Indonesian Biological Society | : 1995-1997 |
| 6. Indonesian Entomological Society | : 1997-present |
| • President | : 2015-2019 |
| • Secretary of the Society | : 2003-2007 |
| • Vice President of the Society | : 2007-2015 |
| 7. Association of Tropical Biology and Conservation | : 2008-2018 |
| 8. International Biogeographical Society | : 2011-2015 |
| 9. Indonesian Marine Council | : 2013-2016 |
| 10. IPB-Professor Association | : 2013-present |
| 11. Indonesian Academy of Sciences (AIPI) | : 2021- |

RESEARCH ADVISOR FOR STUDENTS (Data on June 2018):

- **Undergraduates:** 75 students (Graduated)
- **Master:** 59 students (Graduated)
- **PhD:** 27 students (Graduated)

