

**Name: Prof. Dr. Herry Purnomo**

**Positions Held** (last 5 years)

- Professor of forest management, IPB University
- Scientist of value chains, forest governance and environmental modeling, CIFOR

**Education**

- PhD in Forestry - Bogor Agricultural University (2002)
- Master's in computer science – University of Maryland & University of Indonesia (1990)
- Diploma in Agricultural Meteorology – IPB (1997)

**Internships**

- University of Edinburgh, UK (2000)
- CIRAD (*La recherche agronomique pour le développement*), Montpellier, France (2001)

**Links to publications:** <https://www.scopus.com/authid/detail.uri?authorId=14023175900> and <https://scholar.google.com/citations?user=6FJV5a2xGc4C&hl=id>

**Selected International Journal Publications**

1. Purnomo H, Okarda B, Dermawan A, Ilham QP, Pacheco P, Nurfatriani F, Suhendang. 2020. Reconciling oil palm economic development and environmental conservation in Indonesia: A value chain dynamic approach. *Forest Policy and Economics*.
2. Puspitaloka D, Kim Y-S, Purnomo H, Fulé PZ. 2020. Defining ecological restoration of peatlands in Central Kalimantan, Indonesia. *Restoration Ecology*. <https://doi.org/10.1111/rec.13097>
3. Purnomo H, Okarda B, Shantiko B, Achdiawan R, Dermawan A, Kartodihardjo H, Dewayani AA. 2019. Forest and land fires, toxic haze and local politics in Indonesia. *International Forestry Review* 21(4): 1-15
4. Purnomo H, Okarda B, Dewayani AA, Ali M, Achdiawan R, Kartodihardjo H, Pacheco P, Juniawaty KS. 2018. Reducing forest and land fires through good palm oil value chain governance. *Forest Policy and Economics* 91:94-106
5. Purnomo H, Shantiko B, Sitorus S, Gunawan H, Achdiawan R, Kartodihardjo H, Dewayani AA. 2017. Fire economy and actor network of forest and land fires in Indonesia. *Forest Policy and Economics* 78: 21–31
6. Purnomo H, Shantiko B, Wardell DA, Irawati RH, Pradana NI, Yovi EY. 2017. Learning landscape sustainability and development links. *International Forestry Review* 19(3):333-349
7. Purnomo H, Achdiawan R, Shantiko B, Amin SM, Irawati RH, Melati, Wardell DA. 2016. Multi-stakeholder processes to strengthen policies for small and medium-scale forestry enterprises in Indonesia. *International Forestry Review*. 18(4): 485-501.
8. Erbaugh JT, Nurrochmat DR, Purnomo H. 2016. Regulation, formalization, and smallholder timber production in northern Central Java, Indonesia. *Agroforestry Systems* 91(5): 867-880
9. Sayer JA, Margules C, Boedhihartono AK, Sunderland T, Langston JD, Reed J, Riggs R, Buck LE, Campbell BM, Kusters K, Elliott C, Minang PA, Dale A, Purnomo H, Stevenson JR, Gunarso P, Purnomo A. 2016. Measuring the effectiveness of landscape approaches to conservation and development. *Sustainability Science*. DOI 10.1007/s11625-016-0415-z.

10. Herawati H, González-Olabarria JR, Wijaya A, Martius C, Purnomo H, Andriani R. 2015. Tools for Assessing the Impacts of Climate Variability and Change on Wildfire Regimes in Forests. *Forests* 6(5): 1476-1499.
11. Purnomo H, Guizol P, Awang SA, Wardhana W, Irawati RA, Rennaldi D. 2014. Communicative action to level the playing field in forest plantations in Indonesia. *Journal of Sustainable Forestry* 33(4): 337-357.
12. Purnomo H, Achdiawan R, Melati, Irawati RH, Sulthon, Shantiko B, Wardell A. 2014. Value-chain dynamics: strengthening the institution of small-scale furniture producers to improve their value addition. *Forests, Trees and Livelihoods* 23(1-2): 87-101.
13. Purnomo H, Suyamto D, Irawati RH. 2013. Harnessing the climate commons: an agent-based modelling approach to making reducing emission from deforestation and degradation (REDD) + work. *Mitigation and Adaptation Strategies for Global Change*. 18:471–489, DOI 10.1007/s11027-012-9370-x
14. van Noordwijk M, Agus F, Dewi S, Purnomo H. 2013. Reducing emissions from land use in Indonesia: motivation, policy instruments and expected funding streams. *Mitigation and Adaptation Strategies for Global Change*, DOI 10.1007/s11027-013-9502-y
15. Purnomo H, Suyamto D, Abdullah L, Irawati RH. 2012. REDD+ actor analysis and political mapping: an Indonesian case study. *International Forestry Review*. Vol. 14(1): 74-89.
16. Purnomo H, Arum GS, Achdiawan R, Irawati RH. 2012. Rights and Wellbeing: An Analytical Approach to Global Case Comparison of Community Forestry. *Sustainable Development*. 5(6):35-45. DOI: 10.5539/jsd.v5n6p35 <http://www.ccsenet.org/journal/index.php/jsd/article/view/17298>
17. Purnomo H, Irawati RH, Fauzan AU, Melati. 2011. Scenario-based Actions to Upgrade Small-scale Furniture Producers and their Impacts on Women in Central Java, Indonesia *International Forestry Review*. Vol.13(2): 152-162
18. Purnomo H, Herawati H, Santoso H. 2011. Indicators for assessing Indonesia's Javan rhino national park vulnerability to climate change. *Mitigation and Adaptation Strategies for Global Change*. 16:733–747
19. Purnomo H, Mendoza GA. 2011. A system dynamics model for evaluating collaborative forest management: A Case Study in Indonesia. *International Journal of Sustainable Development & World Ecology*. Ecology. 18( 2): 164–176
20. Purnomo H, Guizol P, Mendoza GA. 2009. Exploring Partnerships between Local Communities and Timber Companies: An Experiment Using the Role-Playing Games Approach. *International Journal of Forestry Research*. Article ID 451362, 13 pages <http://downloads.hindawi.com/journals/ijfr/2009/451362.pdf> (online journal)
21. Purnomo H, Guizol P, Muhtaman DR. 2009. Governing the teak furniture business: A global value chain system dynamic modeling approach. *Environmental modelling and software*, 24 (12): 1391-1401.
22. Purnomo H. 2007. Forestry, employment and millennium development goals. *European Tropical Forest Research Network (ETFRN) News*. No. 47-48. [http://www.etfrn.org/etfrn/newsletter/news4748/nl47\\_oip\\_12.htm](http://www.etfrn.org/etfrn/newsletter/news4748/nl47_oip_12.htm)
23. Purnomo H. 2006. Trends and future scenarios of forestry and other land use employment in Indonesia: a modeling approach. *Economics and finance in Indonesia* 54(1):1-24
24. Purnomo H, Guizol P. 2006. Simulating forest plantation co-management with multi-agent-system. *Mathematical and Computer Modeling* 44(2006) 535-552
25. Purnomo H, Mendoza GA, Prabhu R. 2005. Analysis of local perspectives on sustainable forest management: an Indonesian case study. *Environmental Management* 74:111-126

26. Purnomo H, Mendoza GA, Prabhu R, Yasmi Y. 2005. Developing multi-stakeholder forest management scenarios: a multi-agent system simulation approach. *Forest Policy and Economics* 7: 475–491
27. Purnomo H, Mendoza GA, Prabhu R. 2004. Developing a collaborative model for community managed resources: a qualitative soft systems approach. *Tropical Forest Science* 16(1): 106-131
28. Purnomo H, Yasmi Y, Prabhu R, Hakim S, Jafar A, Suprihatin. 2003. Collaborative Modeling to Support Forest Management: Qualitative Systems Analysis at Lumut Mountain Indonesia. *Small-scale Forest Economics, Management and Policy* 2(2): 259-275
29. Purnomo H, Yasmi Y, Prabhu R, Yuliani L, Priyadi H, Vanclay J. 2003. Multi-agent simulation of alternative scenarios of collaborative forest management. *Small-scale Forest Economics, Management and Policy* 2(2):277-292