

# CURRICULUM VITAE



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Major/specialization : Integrated Farming, Forest-Soil Science, Soil Fertility  
and Fertilizer, Site Productivity Management  
Language : Indonesian, English & Japanese

## **Education & Training:**

1984 - 1989 Ir. in Soil Science. Faculty of Agriculture, GMU Jogjakarta  
1991 Short Course in Research Methodology. Research Center of GMU  
Jogjakarta.  
1991 Short Course in Forest Biotechnology. IUC Biotech. GMU  
Jogjakarta.  
1992 - 1993 Japanese language Course, International Student Institute, Tokyo  
1993 - 1995 Master of Agricultural Science in Forest Ecological Management/  
Silviculture, Department of Forestry, Faculty of Agriculture, Tokyo  
University of Agriculture & Technology, Tokyo. Title: "Study on  
Biogeochemical Cycles of Evergreen Broad-leaved Forest in  
Northern Limit Region".  
1999 Short Course in Ex-situ conservation of Dipterocarps forest. ITTO  
Project PD16. Faculty of Forestry, Gadjah Mada University.  
Jogjakarta.  
1999 – 2000 Research Student. Lab. of Forest Ecological  
Management/Silviculture, Department of Forestry, Faculty of  
Agriculture, Tokyo University of Agriculture & Technology, Tokyo,  
Japan.

- 2000- 2003 Doctor of Philosophy in Forest & Wood Science, Lab. of Forest Ecological Management, Forest & Wood Science Course, Eco-region Study Program, Department. of Environment & Resource Science. Graduate School of Agricultural Sciences. Tokyo University of Agriculture & Technology, Tokyo, Japan. Title: ***Sustainable site productivity and nutrient management of short rotation plantation of Gmelina arborea Roxb. plantation forest at tropical region.***
- 2005 Workshop and refreshment for Candidate of Reviewer for Accreditation of Scientific Journal. Directorate General of Higher Education, Department of National Education. Republic of Indonesia. Jakarta
- 2005 Workshop Scientific Writing for International Journal Publication. Research Center UGM. Jogjakarta. 21-24 June 2005.
- 2005 Workshop for candidate of reviewer for Institutional Development by competition based program (PHK). Directorate General of Higher Education, Department of National Education. Republic of Indonesia. Jakarta
- 2009 – 2010 Program Academic Recharging (Post Doctoral Program) in Kyoto University. Supported by Ministry of National Education RI.
- 2013 Training “Pengenalan Manajemen Laboratorium Berbasis ISO 17025:2005” in LPPT UGM, dated 8 Juli 2013
- 2014 Training “ Ketidakpastian Pengukuran ISO 17025:2005”, in LPPT UGM, 20-21 Januari 2014.
- 2014 Training “ Penyusunan Dokumen ISO 17025:2005”, in LPPT UGM, 22-24 Januari 2014.
- 2014 Training“Validasi Metode Iso 17025:2005”, in LPPT UGM,13-14 Februari 2014.

## **AWARDS:**

- **The Best Student** on Graduation Ceremony period of August 1989, in Faculty of Agriculture, Gadjah Mada University, Jogjakarta
- **The Best Presenter** on National seminar of Science & Technology application for people by Directorate General of Higher Education, Department of National Education, RI. Bogor, October 7-11, 1996
- Scholarship to study in Japan (1993-1995) from Okazaki Foundation, Japan
- Scholarship to study in Japan (1999-2003) form JBIC (Japan Bank for International Cooperation)-UGM
- Fellowship to study in Japan (1999) from JSPS (The Japan Society for the Promotion of Science) -DGHE (the Directorate General of Higher Education)
- Fellowship to study in Japan (1999) from IDB (Islamic Development Bank)
- **2<sup>nd</sup> prize Award on All Japan Thesis Contest 2003** by JICA-Monkabusho Japan
- **UGM Award 2008** in Best Field Advisor for KKN PPM UGM (Student Community Services- Community Empowering Learning).

- **Tokoh Profil Pendidik 2011** atas nama Dr. Ir. Cahyono Agus Dwi Koranto, M.Sc. dari Fakultas Kehutanan UGM dalam Buku CITRA PRESTASI INDONESIA: Pemikiran, konsep & strategi pribadi berprestasi 2020 oleh Daliso Rudinato, SH & Co. Law Office
- **Profil Tokoh & Profesional 2011** atas nama Dr. Ir. Cahyono Agus Dwi Koranto, M.Sc. dari Fakultas Kehutanan UGM dalam buku INDONESIA KINI & MASA DEPAN: Pemikiran, Konsep & Strategi Pribadi Berprestasi Oleh Pusat Profil dan Biografi INDONESIA, dengan sponsor utama Double Dynamic Network
- **Indonesian Creativity Awards 2012** for category The Best Creative Educator atas nama Dr. Ir. Cahyono Agus Dwi Koranto, M.Sc. dari KP4 UGM oleh free Magazine IndONESian Inspire, Jakarta
- **Satya Lancana Karya Satya XX** from President of Republic Indonesia. 2012
- **RCE Recognition Award 2014.** RCE Yogyakarta: Integrated Bio-cycles Farming System. Regional Centre of Expertise on Education for Sustainable Development-United Nations University. 7 November 2014
- **Second Prize Writing Competition Award.** Mongabay Indonesia. December 2014

### **Employment:**

- 1990 – present : Lecturer, Faculty of Forestry, Gadjah Mada University, Jogjakarta
- 2002 – 2007 : Member of Editorial committee of Indonesian Journal of Agricultural Science, published by IASA (Indonesian Agricultural Science Association).
- 2004 – 2008 : Member of Senate, Faculty of Forestry GMU, Jogjakarta.
- 2004 – 2009 : Member of Internal Quality Assurance of Academic (Auditor) , GMU, Jogjakarta
- 2004 – 2005 : Member of Internal Monitoring and Evaluation (Monevin), GMU Jogjakarta for Competition Based Project from Higher Education (SP4, PHK-A1, A2, A3, B, QUE, DUE-like etc)
- 2004 – 2008 : Member of Editorial committee of Journal of Plantation Forest (Jurnal Penelitian Hutan Tanaman), published by Center of Research and Development for Biotechnology and Plantation Forest Seed (P3BPTH), Dept of Forestry RI.
- 2004 – 2007 : Executive Director of Competitive Grant Program (PHK) A-3 from Directorate General of Higher Education for Department of Silviculture, Faculty of Forestry, GMU Jogjakarta
- 2005 – 2007 : Reviewer for Accreditation of Scientific Journal under Directorate General of Higher Education, Department of National Education. Republic of Indonesia. Jakarta
- 2005 – 2007 : Secretary of Research Cluster of Agricultural Sciences. Research Center, GMU, Jogjakarta
- 2005 : External Independent Examiner, School of Graduate Studies, Universiti Putra Malaysia, Selangor Darul Ehsan, Malaysia
- 2005 – 2008 : Head of Department of Agricultural Plant, Agricultural Training, Research and Development Center (KP4/ATRDC) Kalitirto, GMU, Jogjakarta.

- 2005 - 2007 : Team Leader of Task force Team on Competitive Grant Program (SP4) from Directorate General of Higher Education for ATRDC, UGM Jogjakarta
- 2005 –2007 : Reviewer for on Competitive Grant Program (Program Hibah Kompetisi/PHK) under Directorate General of Higher Education, Department of National Education. Republic of Indonesia. Jakarta
- 2006 : Member of Commission for Institutional Development through Competitive Grant UGM, Jogjakarta
- 2006 : Reviewer of Journal of Plantation Forest, Department of Forestry
- 2007 : Executive Director, Presidential Scholar Fund (PSF) UGM,
- 2007 : Executive Director, Early Recovery Assistance (ERA) Program of Disaster Area in Trimulyo, Jetis Bantul. Collaborative Program KP4 UGM- UNDP (United Nation Development Program) and Bappenas
- 2007-2008 : Executive Director, Yogyakarta-Central Java Community Assistance Program for livelihood in Trimulyo, Jetis, Bantul. Collaborative program KP4 UGM and Australian-Indonesia Partnership (AIP)
- 2007- 2008 : Project Manager of sub-program of Indonesian managing Higher Education for Relevancy and Efficiency (I-MHERE) in KP4 UGM. Supporting by World Bank and Directorate General Higher Education Depdiknas
- 2007-2008 : Program Manager of Program Development of Science in KP4 UGM. 2007-2008. Supported by Directorate General Higher Education of Depdiknas.
- 2008-2015 : Director of KP4 (University Farm) UGM Yogyakarta
- 2008 - : Reviewer of Program of Student Community Services. Supported by Directorate General Higher Education of Depdiknas.
- 2009-2013 : Executive Director, Indonesian Managing Higher Education for Relevancy and Efficiency (I\_MHERE B2c) UGM Yogyakarta. Supporting by World Bank and Directorate General Higher Education Depdiknas
- 2012 - : Reviewer of Academy of Community, Supported by by Directorate General Higher Education of Depdikbud.
- 2013 - : Reviewer of Scholarship Grant, Endorsement Fund (LPDP) Kemenkeu

### **International/Regional seminars:**

- Symposium on Reforestation of Alang-alang Grassland Areas. Jogjakarta, 26-27 February 1991. Supported by ATA-267 and GMU
- IUFRO International Symposium on Growth and Yield of Tropical Forests. Tokyo, September 26 - October 1, 1994. Supported by IUFRO Division IV-Japan Soc. of Forest Planning-The International Soc. of Tropical Foresters, Inc.- Tokyo Univ. of Agr. & Tech.
- International Congress on Soils of Tropical Forest Ecosystems. 3rd Conference on Forest Soils (ISSS-AISS-IBG). Balikpapan, October 29 - November 3, 1995. Supported by ISSS-AISS-IBG-GTZ-CIFOR

- Ecology and Reforestation of Dipterocarp Forest. Jogjakarta, 24 -25 January 1996. Supported by Faculty of Forestry GMU, Indonesia and KEEC, Japan.
- Regional Workshop on Domestication of Agroforestry Trees. Jogjakarta, 4-7 November 1997. Supported by ICRAF-ACIAR-GMU.
- Seminar on Ecological Approach for Sustainability and Productivity of Dipterocarp Forests. Jogjakarta, 7-8 July 1998. Supported by Faculty of Forestry GMU and KEEC, Japan.
- Workshop on Water, Nutrient, and Light Capture in Agroforestry systems: process research and integrative models. Bogor, 20-22 July 1999. Supported by ICRAF-Unbraw-IC SEA.
- 111th Annual Meeting of Japanese Forestry Society. Kanagawa, 1-3 April 2000. Supported by Japanese Forestry Society.
- Seminar on Forest Biomass. Jogjakarta 13 November 2000. Supported by GMU and JIFPRO (Japan International Forest Promotion and Research Organization)
- 5<sup>th</sup> Symposium on Agriculture Science and Biochemical Engineering. Tokyo, 11 March 2001. Supported by IASA (Indonesian Agricultural Science Association) and Univ. of Tokyo.
- 112<sup>th</sup> Annual Meeting of Japanese Forestry Society. Gifu University, Gifu, 2-5 April 2001. Supported by Japanese Forestry Society.
- Seminar on Dipterocarp reforestation to restore environment through carbon sequestration. Jogjakarta 26-27 September 2001. Supported by Faculty of Forestry GMU - Kansai Electric Power Company - Kansai Environment Engineering Center.
- 10<sup>th</sup> International workshop of BIO-REFOR-Sustainable forest management system and biodiversity. Tokyo 7-8 October 2001. Supported By BIO-REFOR-IUFRO.
- 6<sup>th</sup> Symposium on Agriculture Science and Biochemical Engineering. Tsukuba, 9 March 2002. Supported by IASA (Indonesian Agricultural Science Association) and Tsukuba Univ.
- 113<sup>th</sup> Annual Meeting of Japanese Forestry Society. Niigata University, Niigata, 3-5 April 2002. Supported by Japanese Forestry Society.
- SEANAFE Resource Mobilization Workshop, 15-17 October, 2003 and 3<sup>rd</sup> General Meeting 18 October, 2003, Bangkok. Southeast Asian Network for Agroforestry Education.
- 2003 International Conference on Tropical Forests and Climate Change: Carbon Sequestration and Clean Development Mechanism. Manila, Phillipines, 21-22 October 2003.
- International seminar on "Toward harmonization between development and environmental conservation in biological production" Banten, December 3-5, 2004. JSPS-DGHE Core University Program in Applied Biosciences.
- 2<sup>nd</sup> workshop on demonstration study on carbon fixing forest management in Indonesia. Bogor, 11 January 2005. FORDA (Forestry Research & Development Agency) & JICA (Japan International Cooperation Agency).
- International seminar on "Synergistic approach to appropriate forestry technology for sustaining rainforest ecosystems" IUFRO-UPM Serawak, Malaysia. 7-9 March 2005.

- International Seminar of the 2<sup>nd</sup> InSECT (Indonesian Society of Environmental Chemistry and Toxicology) & InJECT. Jogjakarta. April 26-27, 2005.
- International seminar and General meeting of SEANAFE and INAFE (Indonesian Networking for Agro-Forestry Education). Jogjakarta, 7-8 February 2006.
- International Conference of Adapting Forest Management to Maintain the Environmental Services: Carbon Sequestration, Biodiversity and Water. Finish Forest Institute. Koli National Park, Finland 21-24 September 2009.
- International conference on Multipurpose Forest Management. BIOREFOR. Niigata, Japan, September 2009
- The 16<sup>th</sup> Annual International Sustainable Development Research Conference. 30 May – 1 June 2010. Hong Kong.
- International Seminar of Renewable Energy 2010. 27 June – 3 July 2010. Yokohama. Japan. Submitted for International Journal Japan Institute of Energy
- Workshop on Tropical Wetland Ecosystems of Indonesia: Science Needs to Address Climate Change Adaptation and Mitigation, by CIFOR and USFS in collaboration with the Indonesian Forestry Research and Development Agency (FORDA) being held on 11-14 April 2011 in Bali, Indonesia.
- The 17th Annual International Sustainable Development Research Conference "Moving Toward a Sustainable Future: Opportunities and Challenges.", hosted by the Earth Institute, Columbia University, New York, New York, USA. May 8 to 10, 2011.
- The International Conference of Rhizosphere 3. Hosted by University of Western Australia, Perth, Australia. 24-29 September 2011.
- Conference "Carbon in a Changing World" (<http://dwms.fao.org/geo-carbon/>). Hosted by FAO Headquarters, Rome, Italy. 24 to 26 October 2011
- 18th Annual International Sustainable Development Research Conference. 24–26 June 2012. Univ of Hull, Hull, UK.
- International Seminar of Chemical, Biological & Environmental Engineering. August 4-5, 2012. Dubai. UEA.
- 6th INTERNATIONAL CONGRESS. PALM SPRINGS, CALIFORNIA 92253 USA. Hosted by SOCIETY FOR VECTOR ECOLOGY. USA, SEPTEMBER 22-27, 2013.
- "Towards a Global Carbon Observing System: Progresses and Challenges" 1-2 October 2013, Geneva dan Task CL-02 Working Meeting "Global Carbon Observations and Analysis" Geneva, 3-4 October 2013
- 2013 IEEE GLOBAL HUMANITARIAN TECHNOLOGY CONFERENCE (GHTC). [www.ieeeeghtc.org](http://www.ieeeeghtc.org). San Jose, California USA October 20 - 23, 2013
- International Conference on Environment and Renewable Energy (<http://energy.conferencesite.com/>), 7-8 May 2014, at Cité Internationale Universitaire de Paris, 17 Boulevard Jourdan, 75014 Paris – France.
- The Grand Renewable Energy 2014 (GRE2014) International Conference, 27 July - 1 August, 2014 at Tokyo Big Sight, Tokyo, Japan.

## **Professional Societies:**

Indonesian Soil Science Society (1989-now)  
Indonesian Peat Society (1987- now)  
Indonesian Forester Society (1992- now)  
Japanese Forestry Society (1993-1995, 1999-2003)  
The Ecological Society of Japan (1995 - 1999)  
Japanese Society of Soil Science and Plant Nutrition (1995-1999)  
The Japanese Society of Tropical Ecology (2001-2003)  
Indonesian Agricultural Sciences Association (2002-now)  
Agricultural Research Cluster-LPPM UGM (2005-now)  
Asia-Pacific Chemical, Biological& Environmental Engineering Society (APCBEEES- a senior member).  
Special Interest Group on Humanitarian Technology (SIGHT) (2013 – )  
Geo-Carbon (2010- now)

## **Researches:**

- Agus, C. and Bale, A. 1990 Interrelationship between Several Soil Properties and The Growth of *Paraserianthes falcataria*, Nielsen Provenance. Final report. Fac. of Forestry & ATA 267. Jogjakarta. 172 pp.
- Agus, C. and Bale, A. 1990 Interrelationship between Several Soil Properties and The Growth of *Acacia mangium*, Willd Provenance. Final report. Fac. of Forestry & ATA 267. Jogjakarta. 176 pp.
- Agus, C. and Bale, A. 1990 Interrelationship between Several Soil Properties and The Growth of 5 Species of Acacia. Final Report. Fac. of Forestry & ATA 267. Jogjakarta. 168 pp.
- Agus, C. and Bale, A. 1990. The Effect of Several Soil Properties on The Different Performance of *Paraserianthes falcataria*, Nielsen Stand. Technical Report. Fac. of Forestry & ATA 267. Jogjakarta. 50 pp.
- Agus, C. and Bale, A. 1990. The Effect of Several Soil Properties on The Different Performance of *Acacia mangium*, Willd Stand. Technical Report. Fac. of Forestry & ATA 267. Jogjakarta. 48 pp.
- Agus, C. and Bale, A. 1990. The Effect of Several Soil Properties on The Growth of Provenance Trial of *Acacia mangium* Willd.. Technical Report. Fac. of Forestry & ATA 267. Jogjakarta. 39 pp.
- Agus, C. and Bale, A. 1990. The Effect of Mechanized Activity on Several Soil Properties to Grow the *Acacia mangium*, Willd Stand. Technical Report. Fac. of Forestry & ATA 267. Jogjakarta. 49 pp.
- Bale, A. and Agus, C. 1990. The Effect of Phosphorus Status on The Growth of *Acacia mangium*, Willd Provenance Test Stand. OPF Research Fund. Fac. of Forestry, GMU. Jogjakarta. 21 pp.
- Bale, A. and Agus, C. 1990. The Effect of Phosphorus Status on The Growth of *Paraserianthes falcataria*, Nielsen Provenance Test Stand. OPF Research Fund. Fac. of Forestry, GMU. Jogjakarta. 19 pp.
- Agus, C. 1991. The Effect of TSP and Compost Fertilizer on The Growth of Eucalyptus in Vertisol Soil of Petak 14 of Wanagama I. DPP Research Fund. Fac. of Forestry, GMU. Yogyakarta. 27 pp.

- Agus, C. 1995. Study on Biogeochemical Cycles of Evergreen Broad-leaved Forest in Northern Limit Region. M.Sc. thesis. Tokyo Univ. of Agr. & Tech. Tokyo. 244 pp.
- Agus, C. 1995. Biomass and nutrient amounts of Matebashii (*Pasania edulis*) and Sudajii (*Castanopsis cuspidata* var. *Sieboldi*) forests. M.Sc. research. Tokyo University of Agr. & Tech. Tokyo.
- Agus, C. 1995. Decomposition rates of leaf litter of Matebashii (*Pasania edulis*) and Sudajii (*Castanopsis cuspidata* var. *Sieboldi*) forests by litterbag methods. M.Sc. research. Tokyo University of Agr. & Tech. Tokyo.
- Agus, C. 1995. Characteristics of nitrogen mineralization of soil under Matebashii (*Pasania edulis*) and Sudajii (*Castanopsis cuspidata* var. *Sieboldi*) forests by using simple kinetics model. M.Sc. research. Tokyo University of Agr. & Tech. Tokyo.
- Agus, C. 1995. Movement of nutrient elements through forest soil under Matebashii (*Pasania edulis*) and Sudajii (*Castanopsis cuspidata* var. *Sieboldi*) forests by IER (Ion Exchangeable Resin) method. M.Sc. research. Tokyo University of Agr. & Tech. Tokyo.
- Agus, C. 1995. Forest soil respiration under Matebashii (*Pasania edulis*) and Sudajii (*Castanopsis cuspidata* var. *Sieboldi*) forests by alkali absorption method. M.Sc. research. Tokyo University of Agr. & Tech. Tokyo.
- Agus, C. 1995. Effects of Relative Light Intensity on Photosynthesis and transpiration rates Matebashii (*Pasania edulis*) and Sudajii (*Castanopsis cuspidata* var. *Sieboldi*) seedlings by gas analyzing method. M.Sc. research. Tokyo University of Agr. & Tech. Tokyo.
- Agus, C. 1995. The Dynamics of Carbon and Nitrogen on Acacia Forest Floor. DPP Research Fund. Fac. of Forestry. GMU. Jogjakarta. 30 pp.
- Agus, C., Suhardi and Faridah, E. 1996. The Using of Rice Mill Waste for Fertilizer, Charcoal and Brickette. Voucher Project 1995/1996. Ditjen DPPM. Jakarta.
- Agus, C. 1996. Budget and Dynamics of Nutrient on Overburned Tropical Rainforest. JICA-Unmul Project Fund. Univ. of Mulawarman. Samarinda.
- Hardiwinoto, S.; Agus, C. and Agus, A. 1997. Biodiversity of soil macrofauna in several land use ecosystem. Joint research of CIFOR-ICRAF-GMU-Unpad-IPB.
- Takamura, Astana, Buce, Agus, C. and Rahayu, S. 1997. Field Research of the Criteria and Indicators for Sustainable Management of Tropical Forest Plantation. Scientific report. Organized by CIFOR.
- Agus, C. 1998/1999. Utilization of forest litter of Acacia mangium for alternative sources for seedling medium. M.A. 5250 Project. Gadjah Mada University Research Centre.
- Nai'em, M.; Suhardi, Supriyo, H.; Hardiwinoto, S.; Agus, C.; Karyanto, O.; Faridah, E. and Rahayu, S. 1998/2001. Strategy for improvement of productivity and sustainability of *Gmelina arborea* by long-term breeding and low input intensive silviculture. BPPT-UGM-PT Surya Hutani Jaya. Riset Unggulan Kemitraan (RUK)-IV research.



- Agus, C. and Bale, A. 1998/1999-2000/2001. Carbon stock and decomposition rate of organic matter in forest soil. Joint research between KEEC-UGM phase II.
- Agus, C. 1999/2000-2002/2003. Sustainable site productivity and nutrient management of short rotation plantation of *Gmelina arborea* Roxb. plantation forest at tropical region. Dissertation research at Tokyo University of Agriculture & Technology. Tokyo Japan.
- Hardiwinoto, S., Agus, C., Adriyanti, D.T. and Nurjanto, H.N. 2003-2005. Estimation of biomass and carbon sequestration in some potential land-uses for forest carbon project in Bungo-Tebo Area, Jambi. Joint research Fac. Of Forestry GMU-JICA.
- Agus, C., Supriyo, H. and Prehaten, D. 2004. Soil chemical properties of rehabilitation land in BOSF research site, East Kalimantan. Supported by The Balikpapan Orang-utan Survival Foundation (BOSF).
- Agus, C. and Bale, A. 2005. Characteristics of soil quality and site-growth manipulation in after Tsunami hazard Banda Aceh. Competitive Grand Program (PHK) A-3 Department of Silvicultur, Faculty of Forestry UGM.. Jogjakarta.
- Agus, C. et al. 2005/2006. Food Security and Safety. Agricultural Research Cluster-LPPM UGM, Jogjakarta
- Agus et al. 2006. The effect of land-use change and soil quality of Entisol in KP4 UGM. UGM Jogjakarta
- Agus, C., A. Bale, S. Hartono. 2007-2008. Land Rehabilitation in after Tsunami hazard area of Banda Aceh. Competitive Research Grant, Directorate Geberal Higher Education, Depdikbud.
- Agus, C. 2009-2010. Soil Organic management for sustainable productivity. Competency Research Grant, Directorate Geberal Higher Education, Depdikbud.
- Agus, C. 2009. Carbon emission in non-forestry sector. RUSNAS Competitive Research Grant, Directorate General Higher Education, Depdikbud.
- Agus, C., Sunarminto, B.H., and Suhartanto, B. 2009-2011. Integrated farming based Agribusiness. KP4 UGM Research grant
- Sunarminto, B.H., Agus, C., Setiawan, I. 2010. Trapping methane for energy in peat soils. RUSNAS UGM research grant.
- Agus, 2013-2015. Kontribusi pemapanan ekosistem lahan bekas tambang batubara dalam peningkatan kapasitas penyerapan karbon dan produktivitas lahan tropika. Hibah Strategis Nasional. Dirjen Dikti, Kemendikbud
- Agus, 2013. Pengembangan GAMA-DEC. Hibah Riset Unggulan Perguruan Tinggi. UGM dan Dirjen Dikti, Kemendikbud
- Agus, 2013. Pengembangan GAMA-ORGANIK NPK. Hibah Riset Unggulan Perguruan Tinggi. UGM dan Dirjen Dikti, Kemendikbud
- Agus, 2013. Pengembangan GAMA-BIOENERGY. Hibah Riset Unggulan Perguruan Tinggi. UGM dan Dirjen Dikti, Kemendikbud.
- Agus, 2013-2014. Rehabilitasi lahan pasca erupsi Merapi. Hibah Riset Unggulan Perguruan Tinggi. UGM dan Dirjen Dikti, Kemendikbud
- Agus, 2014-2016. Peningkatan Produktivitas Sistem Pertanian Terpadu Berbasis Siklus Bahan Organik Untuk Mendukung Kedaulatan

### **Publications:**

1. **Agus, C.** and Bale, A. 1991. The Change of Soil Fertility on the Conversion of Grassland Areas to *Paraserianthes falcataria* (L). Presented paper on Symposium on Reforestation of Alang-alang Grassland Areas. Jogjakarta, 26-27 February 1991. Sponsored by ATA-267 and GMU. (In English).
2. Bale, A. and **Agus, C.** 1991. Effects of Converting Alang-alang Areas to *Acacia mangium* Wild Stand on Soil Fertility. Presented paper on Symposium on Reforestation of Alang-alang Grassland Areas. Jogjakarta, 26-27 February 1991. Sponsored by ATA-267 and GMU. (In English).
3. **Agus, C.**, Haibara, K., Aiba, Y., Fuse, T. and Tomitani, K. 1994. Biomass and Nutrient Amounts of Matebashi (*Pasania edulis*) Stand in Northern Limit Region. Presented paper at the 105th Annual Meeting of Japanese Forestry Society at Tokyo Univ. of Agr. & Tech. Tokyo, April 4-6th 1994 (In Japanese).
4. Fuse, T. **Agus, C.**, Haibara, K., and Tomitani, K. 1994. Biomass and Nutrient Amounts of Sudajii (*Castanopsis cuspidata* var. *Siboldie*) Stand in Northern Limit Region. Presented Paper at The 105th Annual Meeting of Japanese Forestry Society at Tokyo Univ. of Agr. & Tech. Tokyo, April 4-6th 1994 (In Japanese).
5. Abe, T., Toda, H., **Agus, C.**, Haibara, K. and Aiba, Y. 1994. Soil Respiration and Nitrogen Mineralization of Matebashi (*Pasania edulis*) and Sudajii (*Castanopsis cuspidata* var. *Sieboldie*) Stand in Northern Limit Region. Presented Paper at the 105th Annual Meeting of Japanese Forestry Society at Tokyo Univ. of Agr. & Tech. Tokyo, April 4-6th 1994 (In Japanese).
6. Danarto, S., **Agus, C.**, Hardiwinoto, S. and Senawi (eds). 1995. Proceeding of Oneday Seminar of HPH-Patungan in Jogjakarta, 17 July 1995. Published by Faculty of Forestry GMU. Jogjakarta. 254 pp (In Indonesian).
7. Haibara, K. **Agus, C.** and Fuse, D. 1995. Material cycles of evergreen broad-leaved forest in northern limit region. Research of nutrient movement in soil-plant system. IGBP-MESC H6-3: 107-122. (In Japanese).
8. **Agus, C.**, Suhardi and Faridah, E. 1996. The Using of Rice Mill Waste for Fertilizer, Charcoal and Brickette. Proceeding of Seminar of Voucher & Technology Application. Ditjen DPPM. Jakarta. Cisarua, October 7 - 11, 1996 (In Indonesian)
9. **Agus, C.** 1997. Soil Respiration on *Acacia mangium* Forest Soil. Forestry Buletin 32:23 –35 (In Indonesia with abstract in English)
10. **Agus, C.** Haibara, K. Fuse, D. and Toda, H. 1998. Studies on biogeochemical cycles of evergreen broad-leaved forest in northern limit region in Japan. In Haibara, K. (Ed). 1998. The effect of temperature change to materials cycles of evergreen broad-leaved forest. Final report of 1995-1998 Research activities. Tokyo Univ. of Agr. & Tech. Tokyo. P: 1-67. (In English).

11. Haibara, K., **Agus, C.** and Fuse, D. 1998. Studies about nutrient movement in soil-vegetation system. *In* Haibara, K. (Ed). 1998. The effect of temperature change to materials cycles of evergreen broad-leaved forest. Final report of 1995-1998 Research activities. Tokyo Univ. of Agr. & Tech. Tokyo. P: 68-84 (In Japanese)
12. **Agus, C.**, H. Supriyo, A. Bale, K. Haibara and Y. Aiba 1998. Potency of N-mineralization of 2 kinds of forest soil. *Forestry Bulletin* 37:10-19 (In Indonesia with abstract in English)
13. **Agus, C.**, H. Supriyo, A. Bale, K. Haibara and Y. Aiba. 1999. The effect of stand ages and global warming on carbon dynamics in forests ecosystems. *In* Sabarnurdin, S., Suhardi and Y. Okimori (eds). 1999. Ecological Approach for Sustainability and Productivity of Dipterocarp Forests. Faculty of Forestry GMU press. Jogjakarta. 45-52. (In English).
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- Film TV SCTV, Screenplay Production : Ndoro Putri
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- Film TV SCTV, Screenplay Production: Pergi untuk Kerja, Pulang untuk Cinta
- Film TV SCTV, Screenplay Production: All I Want for Christmas is You
- Film TV SCTV, Screenplay Production: Gudeg Istimewa untuk Calon Bini
- Film TV SCTV, Screenplay Production: Cinta Sutinah anak Pak Kades
- Film TV SCTV, Screenplay Production: Ikan Asin Pembawa Cinta
- Film TV SCTV, Screenplay Production: Cinta Pawang Hujan dan Ojek Payung
- Film TV SCTV, Screenplay Production: Makelar Loak Memburu Cinta
- Film TV SCTV, Screenplay Production: Cintaku Hanya Satu Itu Untukmu
- Series Rinso Global TV : Laskar Ikan Cupang
- Tutorial "Wardah"
- Film : "Soekarno"
- Film: "Siti"
- Film "Ayat-ayat Adinda"
- Film dokumenter: "Thohir"
- Film pendek "Religius"

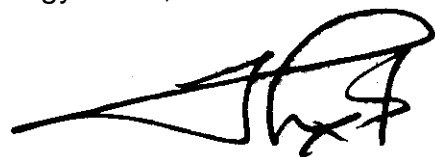
### **Community services:**

- As Soil Scientist on Short-term Soil Consultants in Mechanized Nursery and Plantation Project in South Kalimantan. Cooperation between Fac. of Forestry GMU & ATA-267. 1989/1990.
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- As Soil Scientist on Rehabilitation of Protection Forest in Komoro Hills, Tim-Tim. Supported by Directorate General of Reforestation and Land Rehabilitation. Ministry of Forestry RI. 1997
- As Soil Scientist on Rehabilitation of DAS Kambaneroe & North Beach of Dilli. Supported by Directorate General of Reforestation and Land Rehabilitation. Ministry of Forestry RI. 1997/1998
- As Soil Scientist/Ecologist on Developing Criteria and Indicators for Sustainable Management of Plantation Forest. Supported by CIFOR & PT HPHTI Musi Hutan Persada. 1997.
- As coordinator of soil scientist on Pembangunan Model Unit Manajemen Hutan Meranti (Development of Unit Management Model for Meranti) in 5 locations (East Kalimantan, West Kalimantan, South Kalimantan, West Sumatra and South Sumatra). Supported by Ministry of Forestry RI and Faculty of Forestry, GMU. 2003
- As Vice Coordinator and Soil Scientist on Estimation of biomass and carbon sequestration in some potential land-uses for forest carbon project in Bungo-Tebo Area, Jambi. Supported by Japan International Cooperation Agency (JICA) and Faculty of Forestry, GMU. 2003-2005.
- As coordinator of evaluator on seedling supplying for National action for forest and land rehabilitation (GN-RHL) in Kulon Progo and Gunung Kidul District, DIY. Supported by Ministry of Forestry RI and Faculty of Forestry, GMU. 2003
- As Team Leader of Soil mapping for land rehabilitation in BOS research areas, East Kalimantan. Balikpapan Orangutan Survival Foundation. 2004.
- As Team Leader of Student Community Services (KKN) for Environmental education and Land Rehabilitation in Kec. Moyudan dan Minggir, Sleman. Supported by DUE-like UGM 2004.
- As coordinator on planting evaluation for National action for forest and land rehabilitation (GN-RHL) in Perhutani KPH Kendal, Central Java. Supported by Ministry of Forestry RI and Faculty of Forestry, GMU. 2004
- As coordinator of evaluator on seedling supplying for National action for forest and land rehabilitation (GN-RHL) in Wonosobo, Central of Java.

Supported by Ministry of Forestry RI and Faculty of Forestry, GMU.  
2004

- As consultant of planting technique on Pembangunan Model Unit Manajemen Hutan Meranti (Development of Unit Management Model for Meranti) in 5 locations (East Kalimantan, West Kalimantan, South Kalimantan, West Sumatra and South Sumatra). Supported by Faculty of Forestry GMU, Ministry of Forestry RI and Faculty of Forestry, GMU. 2003-2005.
- As Soil Scientist Trees Bank (Bank Pohon) in Sindoro & Sumbing volcanoes, District of Temanggung. Supported by KLH (Ministry of Environment) and RAPP (Riau Adalan Pulp & Paper). 2004-2005.
- As Soil Scientist and Field Supervisor in Prospective Teak Program in 8 District of Perhutani. Supported Faculty of Forestry GMU and Perum Perhutani. 2004-2006.
- As Silviculturist and Soil Scientist in Management Program of DAS Serang. Supported by Ministry of Public Work RI. 2006.
- As Team Leader of Jogja-Jateng Earthquake Early Recovery Assistant (ERA) UNDP (United nation Development Program)-Bappenas-UGM. 2007
- As Team leader of sub-program of Indonesian managing Higher Education for Relevancy and Efficiency (I-MHERE) component B2b in KP4 UGM. Supporting by World Bank and Directorate General Higher Education Depdiknas
- As Soil Scientist in Pembangunan Model Unit Manajemen Hutan Meranti (Development of Unit Management Model for Meranti) in West Kalimantan. Supported by Faculty of Forestry GMU, Ministry of Forestry RI and Faculty of Forestry,
- As Indonesian participants.. GLOBAL CHANGE AD ECOSYSTEMS: LUPIS Project, Land use policies and sustainable development in developing countries. European Union, 2007-2009
- As Team Leader of Yogyakarta-Central Java Community Assitance program (YCAP) of livelihood in Trimulyo, Jetis, Bantul. Collaborative program KP4 UGM and Australia-Indonesia partnership. 2007-2008
- As Team Leader of Program Development of Science in KP4 UGM. 2007-2008. Supported by Directorate General Higher Eduaction of Depdiknas.
- As Forest Scientist of audit of Situ Gintung Disaster, on behalf of Badan Pemeriksa Keuangan RI and Faculty of Technology, UGM, 2009
- As Executive Director, Indonesian managing Higher Education for Relevancy and Efficiency (I-MHERE) component B2.c in UGM. Supporting by World Bank and Directorate General Higher Education Depdiknas

Yogyakarta, 10 March 2015



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