

## Curriculum Vitae Fahmuiddin Agus



Office Address: Indonesian Soil Research Institute, Agency for Agricultural Research and Development  
Jl. Tentara Pelajar No. 12, Cimanggu, Bogor 16114, Indonesia  
Phone: +62-251-8336757  
Email: [f\\_agus@litbang.pertanian.go.id](mailto:f_agus@litbang.pertanian.go.id)  
Cell phone: +62-812-9401106

Home Address: Jl. Laladon Gede No. 243, RT/RW 01/04, Laladon-Ciomas, Bogor 16610, Indonesia  
Phone +62-251-8639259  
Email: [fahmuiddin\\_agus@yahoo.com](mailto:fahmuiddin_agus@yahoo.com)

*Birth date:* 10 January 1959

*Citizenship:* Indonesian

*Family status:* Married

### Qualifications

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Soil management and conservation  
Climate change and carbon accounting  
Natural Resources management

### Education

Year graduated	Major subject	University	Degree earned
1993	Soil science	North Carolina State University, Raleigh, North Carolina, USA	Ph.D
1989	Soil Science	North Carolina State University, Raleigh, North Carolina, USA	MS
1983	Soil Science	Andalas University, Padang, Indonesia	BS

### Work Experience

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Period	Position
2012-August 2014	Principal scientists of the “Indonesian Climate Change Trust Fund: Agriculture”; a multi-nationally funded project. The project is conducted in four provinces (Riau, Jambi, West Kalimantan and Central Kalimantan) of Indonesia on the strategy, agronomic and environmental (including greenhouse gas emissions) aspects of peatland management.

1983-present	Research scientist at the Indonesian Soil Research Institute, Indonesian Agency for Agricultural Research and Development (IAARD). As a senior researcher I supervise many researchers from the institute and from other institutes under the IAARD.
2011-2013	A lead author of Chapter 2 (Drained Peatlands) of the 2013 Supplement of the IPCC 2006 Guidelines on drained organic soil emission.
2010-2013	Lead author of “Greenhouse gas Working Group II of the Roundtable on Sustainable Palm Oil” for a study on emissions related to land use change to oil palm plantation in the humid tropics, focusing on Indonesia, Malaysia and Papua New Guinea.
2011-2012	Resource person in the national and sub-national level training of locally appropriate mitigation actions (RAN/RAD GRK), specialized in the field of land use change and peat emissions.
2009-2012	Coordinator of Indonesian Soil Research Institute’s (ISRI’s) research group on peat soil carbon monitoring under the project “ <i>Reducing Emissions from Deforestation and Degradation through Alternative Land Uses for Emissions Reduction in the Rain Forest of the Tropics</i> ” (REDD-ALERT), a European Union funded project <a href="http://www.redd-alert.eu">www.redd-alert.eu</a>
2009-2011	Resource person in the regional level training (Kalimantan, Sulawesi, Sumatra, Papua and East Java) on carbon stock and carbon emission measurement. The training was part of the project “ <i>Accountability at Local Level for REDD in Indonesia (ALLREDDI)</i> ”, a EU funded project conducted collaboratively with World Agroforestry Centre (ICRAF), Brawijaya University and Indonesian Centre for Agricultural Land Resources Research and Development (ICALRRD).
2007	Coordinator of the study on “Acceleration of Agricultural Development of Papua and West Papua Provinces of Indonesia”, a project under the Indonesian Agency for Agricultural Research and Development involving researchers of various expertises in agriculture.
2005-2007	Promoter (for the Indonesian end) of collaborative research project between Indonesian Soil Research Institute (ISRI) and the University of Ghent, Belgium on Nitrogen Balance for Vegetable-based Agriculture in Java, Indonesia
2005-present	National facilitator and member of the Global Steering Group (GSG) of the Alternative to Slash and Burn (ASB) Consortium; a consortium on natural resources management coordinated by World Agroforestry Centre (ICRAF). The current focus of this consortium is on issues related to climate change.
2005-2007	Coordinator, collaborative research between Indonesian Soil Research Institute (ISRI) and Korean National Institute of Agricultural Science and Technology (NIAST) on organic nutrient management of vegetable farming
2002-2005	Director, Indonesian Soil Research Institute, ISRI, in Bogor, Indonesia. During this period, ISRI consisted of Pedology and Land Suitability, GIS and remote sensing, Soil Conservation, Soil Fertility and Soil Biology Divisions with around 250 employees.
2000-2006	Country Coordinator, ASEAN Member Countries and Japan collaborative research on Multifunctionality of Agriculture
1998-2002	Country coordinator of the Management of Soil Erosion Consortium, a consortium under the coordination of the International Water Management Institute (IWMI). The research focuses on micro catchment management for erosion control.

1994-1998	Head of Research and Technology Development working group of the National Watershed Management and Conservation Project, an interdepartmental project engaging Ministries of Forestry, Home Affairs, Agriculture, Public Works and the National Planning Agency (BAPPENAS).
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### **Membership of Professional Associations**

Himpunan Ilmu Tanah Indonesia (Indonesian Society of Soil Science, HITI)  
Himpunan Gambut Indonesia (Indonesian Peat Society, HGI)  
International Peat Society (IPS)  
World Association of Soil and Water Conservation (WASWAC)  
International union of Soil Science (IUSS)

### **Language**

Indonesian (native)  
English: Very good (written), Excellent (spoken)

### **List of Selected References**

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- Agus, F., K. Hairiah dan A. Mulyani.** 2011. *Measuring carbon stock in peat soil: Practical Guidelines.* World Agroforestry Centre-ICRAF SEA Regional Office dan Indonesian Centre for Agricultural Land Resources Research and Development, Bogor, Indonesia. 60 p. (English version).
- Agus, F., M. Goda, R. Kada, and M. Yabe.** 2006. Synthesis and conclusions. pp. 415-431 *In* F. Agus (ed.) *Final Report Country Case Studies on Multifunctionality of Agriculture in*

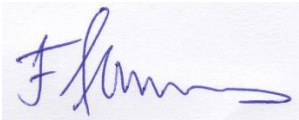
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Fahmuddin Agus