

1	<b>CURRICULUM VITAE</b>	
2	NAME	Rizaldi Boer
3	DATE OF BIRTH	Bandung, 27 September 1960
4	NATIONALITY	Indonesia
5	PERSONAL ADDRESS	Villa Duta Jalan Sari Ibun 44, Bogor
	TELEPHONE NO.	62-251-361087
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6	EDUCATION	<ul style="list-style-type: none"> <li>• PhD, Agriculture (Crop-Climate Modelling), Department of Crop Science, University of Sydney, Australia, 1991-1994</li> <li>• MAgr, Crop Science, University of Sydney, Australia, 1989-1991</li> <li>• MSc, Agroclimatology, Bogor Agricultural University, Indonesia, 1986-1988</li> <li>• BSc, Agrometeorology, Bogor Agricultural University, Indonesia, 1979-1983</li> </ul>
7	OTHER TRAINING	<ul style="list-style-type: none"> <li>• Training Workshop on Assessments of Greenhouse Gas Mitigation Options using COMAP model, Indian Institute of Science, Bangalore-India, September 1996</li> <li>• Training Workshop on Workshop on the Establishment of a Methodological Framework for Climate Change Mitigation Assessment at LBNL, Berkeley, USA. 1997.</li> </ul>
8	LANGUAGE & DEGREE OF PROFICIENCY	English (Good) Indonesia (Native) Minang (Mother Tongue)
9	MEMBERSHIP IN PROFESSIONAL SOCIETIES	<ul style="list-style-type: none"> <li>• Secretary General of Indonesian Society on Agriculture Meteorology</li> <li>• Member of F7 (Forest 7) Research Network, a regional Climate Change, and Forest Research Network which consists of seven member countries (originally) and now has been expanded into more than 10 countries</li> <li>• Chairman of RA V Working Group on Agricultural Meteorology (XIII-RA V), WMO</li> </ul>
10	COUNTRY OF WORK EXPERIENCE	Indonesia, Cambodia, New Zealand, Ireland, Thailand, Philippines, Australia
11	EMPLOYMENT RECORD FROM 1987-present EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES	Bogor Agriculture University (IPB)  Teaching Staff, Responsible for teaching on the following subjects: Agriculture Climatology, Climate Change, and Climatology Methods

<p>FROM 2000-present EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>Bogor Agriculture University (IPB)</p> <p>Head of Laboratory of Climatology , To develop and coordinate research activities in the Laboratory of Climatology</p>
<p>FROM January-December 2005 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>Asian Development Bank/Winrock International</p> <p>Deputy Team Leader on TA-ADB Project on Carbon Sequestration; To coordinate national experts to carry out the TA-ADB project on C-Sequestration, and work with International consultant in conducting training for local stakeholders on development of C-Sequestration Projects</p>
<p>FROM April -November 2005 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>Indonesian Bureau of Meteorology and Geophysics</p> <p>Principle Investigator</p> <p>To coordinate team in conducting a study on Detecting Climate Change and its socio-economic impact in Indonesia</p>
<p>FROM January 2002-December 2004 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>GEF-UNEP/START</p> <p>Project Coordinator for Indonesia</p> <p>To coordinate research on Adaptation Impact Assessment on Climate Change in Indonesia: "An integrated assessment of climate change impacts, Adaptation and vulnerability in watershed areas And communities in Southeast Asia"</p>
<p>FROM January 2003- December 2003 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>UNDP Country Office of East Timor</p> <p>Short Term Consultant</p> <p>To give presentation on GEF-Climate Change Program at the First National Workshop on climate change in East Timor, 19-20 November 2003.</p>
<p>FROM January 2003- December 2003 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>START</p> <p>Principle Investigator</p>

To conduct research on Reducing Climate Risk for Chili and Potato Production at Pengalengan, Bandung District, West Java

From January 2003-December 2003  
EMPLOYER  
POSITION HELD AND DESCRIPTION  
OF DUTIES

Asian Disaster Preparedness Centre

Project Leader

Provided locally relevant climate information in advance to enable decision making; Conducted training to enable staff of agriculture office, extension workers to communicate probabilistic forecast information to farmers and other end-users; Increased capability of local agriculture staff and extension workers to use climate forecast information for suggesting cropping management strategies; Evaluated response of the farmers to climate forecast information; Refined the provision of climate information for future use by farmers and other end-users based on the evaluation

From 22 September-12 December 2003  
EMPLOYER  
POSITION HELD AND DESCRIPTION  
OF DUTIES

UNFCCC Secretariat

Expert

Conducted In-country Inventory Review of Ireland for LULUCF-sector, and prepared review report

From July-September 2003  
EMPLOYER  
POSITION HELD AND DESCRIPTION  
OF DUTIES

JICA/MoF

Leader of Technical Advisory Team

Provided technical inputs to the MoF in the preparation of the Indonesian submission to COP9 on CDM-LULUCF, and issued bi-monthly newsletter on Forest Carbon

From 28-29 August 2003  
EMPLOYER  
POSITION HELD AND DESCRIPTION  
OF DUTIES

Wetland International

Instructor

Assisted stakeholders at Central Kalimantan in preparing Project Information Note (PIN) for CDM-LULUCF

From December 2002-February 2003  
EMPLOYER  
POSITION HELD AND DESCRIPTION  
OF DUTIES

JICA/GTZ/MoF  
Leader of Technical Advisory Team

Updated the most recent status to the Ministry of Forestry (MoF) in particular, brief the hot issues of COP/SB to those who are attending and preparing for the negotiations and assisting them on site if feasible, facilitated the communications across the relevant national and international institutions, issued conscience monthly update covering the highlights on CDM – LULUCF for national stakeholders and on national progress on the implementation of the Protocol in Indonesia for national and international stakeholders through an email based open listserve mailing list, answered inquiries from stakeholders, and facilitated establishment of a permanent institution under the MoF

From 12-28 January 2003  
EMPLOYER  
POSITION HELD AND DESCRIPTION  
OF DUTIES

UNDP CO-Phnom Penh, Cambodia  
Consultant

Assisted MoE of Cambodia to develop the project proposal on Program of Action for Adaptation to Climate Change for CAMBODIA in accordance with the UNDP procedures, using standard UNDP/GEF format and to plan and budget in details all the necessary activities to be undertaken in the project

From 2002-2003  
EMPLOYER  
POSITION HELD AND DESCRIPTION  
OF DUTIES

NCSU (National Communication Support Unit)/IPCC  
Lead Author

Assisted the coordinating lead author in preparing Good Practice Guidance for LULUCF

From August-December 2002  
EMPLOYER  
POSITION HELD AND DESCRIPTION  
OF DUTIES

The Ministry of Environment  
Team Member

Assisted project leader in conducting stakeholder meetings, Assisted project leader in preparing academic paper required for the preparation of decree on the ratification of Kyoto Protocol

<p>From June-September 2002  EMPLOYER  POSITION HELD AND DESCRIPTION  OF DUTIES</p>	<p>APHI (The Association of Indonesian Forest  Concession Holders)</p> <p>Assisted APHI to organize discussion with local stakeholders to identify possible barriers and risk associated with the CDM projects, alternative partnership system with local stakeholders, developed criteria and indicators to assess the social, financial and environmental impacts of the carbon sink project, and assisted to prepare proposal on 'Forest landscape restoration and reforestation in Jambi Province of Sumatra using the Clean Development Mechanism (CDM) scheme' for submission to ITTO</p>
<p>From April-June 2002  EMPLOYER  POSITION HELD AND DESCRIPTION  OF DUTIES</p>	<p>UNDP CO-Phnom Penh, Cambodia</p> <p>Consultant (Climate Change)</p> <p>Analyzed information on GHG mitigation technologies and to prepare a report on applicable GHG mitigation technologies; served as a resource person in conducting in-debt training workshop on evaluation of GHG mitigation technologies and V&amp;A assessment for agriculture and forestry sectors; assisted to conduct a study to evaluate technical, socio-economic and environmental aspects of identified mitigation options; assisted to develop a database on emission factors using those of the neighboring countries local specific data (aboveground biomass and mean annual increments for selected forests) obtained from field surveys/measurements, assisted to improve activity data on land use, land use change and forest cover area using field testing and satellite data, assisted to undertake sensitivity analysis of the GHG inventory in land use change and forestry sector</p>
<p>From 2001-2002  EMPLOYER  POSITION HELD AND DESCRIPTION  OF DUTIES</p>	<p>Ministry of Environment/World Bank/AusAID</p> <p>Project Coordinator for National Strategy Studies (NSS) on CDM for Forest Component</p> <p>Coordinated project activities, assisted task managers to conduct analysis, assisted task managers in understanding technical CDM-LULUCF issues, coordinated national workshops related to the project, prepared synthesis/final report.</p>

<p>FROM January-June 2001 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>UNDP-CO Phnom Penh, Cambodia  Climate Change Consultant  Provided the Cambodian Team for Climate Change Enabling Activity Project (CCEAP Team) with technical oversight of a vulnerability and adaptation assessment and mitigation analysis in the agriculture and forestry sectors, provided a training in computer models use in the context of V&amp;A and mitigation for the agriculture and forestry sectors, assisted the CCEAP Team to prepare project report</p>
<p>From 2001 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>Lawrence Berkeley National Laboratory/ USEPA, USA  Principal Investigator  Conduct an analysis on the assessment of carbon leakage from multi carbon sink projects, prepared report</p>
<p>From May to December 2001 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>The Ministry of Environment (MoE)  Team leader  Organized and conducted stakeholder meetings to collect inputs and information related to climate change, prepared academic paper on Climate Change required by the MoE for the preparation of government regulation on climate change</p>
<p>From July-December 2001 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>PPLH-IPB/Osaka Gas Principal Investigator  Assessed the potential of agroforestry for CDM Project at Meru Betiri National Park, and prepared project report.</p>
<p>From 8 to 12 October 2001 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>UNFCCC Secretariat  Expert  Conducted centralized review of seven national GHG inventories submitted in 2001 (Austria, Belgium, Estonia, the European Community, Germany, Greece and Spain) for LULUCF components</p>

From March-April 2001 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES	ADPC (Asian Disaster Preparedness Centre)  Prepared an inventory report on the impact of extreme climate events on agriculture and forestry sector in Indonesia
From 1 November 2000 to 31 October 2001 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES	IGES/NIES, Japan  Project Coordinator  Collected data on annual biomass increment of dominant forest tree species of various ages and at different sites in Indonesia, collected data on forest aboveground biomass of major forest ecosystems or typologies, collected site-specific or species-specific wood density data, developed or improved allometric regressions for converting standing crop and volume to total biomass of tree species in agroforestry system, and some dominant tree species of forest plantation in Java, developed model for the estimation of aboveground biomass using GIS approach, estimated carbon emission and uptake in Jambi and Java
FROM July-August 2000 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES	UNITAR  Instructor at Cambodian Climate Change Training Workshop, Cambodia  Prepared materials/modules for the Training workshop, provided instruction for trainees in performing analysis for vulnerability and adaptation assessment to climate change
FROM February-June 2000 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES	Ministry of Environment/GTZ/World Bank  Task Manager for the Preparation of National Strategy Study on CDM for Energy Component  Assisted Project Manager to prepare Indonesia's negotiating position on the clean development mechanism, prepared technical report on CDM-issues for policy makers

<p>FROM December 1999-July 2000  EMPLOYER  POSITION HELD AND DESCRIPTION  OF DUTIES</p>	<p>UNDP-CO Jakarta, Indonesia    GEF Consultant    Assisted UNDP-CO in socialization of GEF (Global Environmental Facility) in Indonesia, assisted stakeholders to develop GEF proposals, conducted gap analysis of all GEF projects in Indonesia</p>
<p>FROM 1996-1999  EMPLOYER  POSITION HELD AND DESCRIPTION  OF DUTIES</p>	<p>Bogor Agricultural University    Vice Dean III    Assisted Dean to develop, coordinate, and implement programs related to student affairs.</p>
<p>From January-July 1999  EMPLOYER  POSITION HELD AND DESCRIPTION  OF DUTIES</p>	<p>Ministry of Environment/UNDP    Technical Expert for Preparation of National Communication under UNFCCC    Assisted the Ministry of Environment to prepare National GHG inventory, and National Communication document under UNFCCC</p>
<p>From 1-7 September 1998  EMPLOYER  POSITION HELD AND DESCRIPTION  OF DUTIES</p>	<p>UNFCCC Secretariat    Expert    Conducted In-dept review of the Second National Communication of New Zealand</p>
<p>From 1997-1998  EMPLOYER  POSITION HELD AND DESCRIPTION  OF DUTIES</p>	<p>Ministry of Environment/UNEP-RISO    Technical Expert on Forest Component    Established a methodological framework for climate change mitigation assessment project, prepared project report</p>

<p>FROM 1995-1997 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>Ministry of Environment/ADB/UNDP/AED</p> <p>Project Officer of Asian Least Cost Greenhouse Gas Abatement Strategies (ALGAS) Project</p> <p>Assisted Project Manager in coordinating technical works related to the project that consists of preparation of GHG inventory, GHG mitigation, and abatement strategies.</p>
<p>FROM 1984-1987 EMPLOYER POSITION HELD AND DESCRIPTION OF DUTIES</p>	<p>Sukarami Research Institute for Food Crops (Balitan Sukarami)</p> <p>Site Coordinator</p> <p>Coordinate research activities on farming system at Sitiung IV Transmigration area, prepared research reports, assisted the Head of Balitan Sukarami to collect and synthesis data on farming system activities in Sitiung IV.</p>

## 12. SOME OF SCIENTIFIC PAPERS/ARTICLES

- Rizaldi Boer**, and Elsa Surmaini. 2006. Economic Benefits of Using SOI Phase Information for Crop Management Decision in Rice-Base Farming System of West Java, Indonesia. Accepted for presentation at the International Conference on Living with Climate Variability and Change: Understanding the Uncertainties and Managing the Risks. Espoo, Finland, 17-21 July 2006. <http://www.livingwithclimate.fi>
- Rizaldi Boer, Upik Rosalina Wasrin, Hendri, Bambang D.Dasanto, Willy Makundi, Julius Hero, Perdinan, M. Ridwan and Nur Masripatin. 2006 assessment of carbon leakage in multi carbon sink projects: case study at jambi province,Indonesia. Accepted for publication at the Mitigation and Adaptation Strategy for Global Change.
- Rizaldi Boer**, and A.R. Subbiah. 2005. Agricultural droughts in Indonesia. In V.K. Boken, A.P. Cracknell, and R.L. Heathcote. Monitoring and Predicting Agriculture Drought. Oxford University Press, p:330-344.
- Uci Sulandari, **Rizaldi Boer**, Eka Inta Kumala Puteri, and Delon Martinus, 2004. Assessment of Community Participation to Reduce Impact of Climate Change at Citarum Watershed, West Java, Indonesia. Proceeding of the **2nd AIACC Regional Workshop for Asia and the Pacific**, 2-5 November 2004, Traders Hotel, 3001 Roxas Blvd., Pasay City, Manila, Philippines. <http://www.aiaccproject.org/meetings/Manila.html>
- Rizaldi Boer**, Delon Martinus, A. Faqih and Bambang D. Dasanto. 2004. Impact of Land Use and Climate Changes on Streamflow at Citarum Watershed. Proceeding of the **2nd AIACC Regional Workshop for Asia and the Pacific**, 2-5 November 2004, Traders Hotel, 3001 Roxas Blvd., Pasay City, Manila, Philippines. <http://www.aiaccproject.org/meetings/Manila.html>
- Rizaldi Boer**, Perdinan Rakiso and A. Faqih, 2004. The use of Climatic Data Generator to cope with Daily Climatic Data Scarcity in Simulation Studies. In *Proceedings*

- of the 4th International Crop Science Congress Brisbane, Australia, 26 Sep – 1 Oct 2004,*  
<http://www.cropscience.org.au/icsc2004/poster/2/6/index.htm#TopOfPage>
- Rizaldi Boer**, Ismail Wahab, Perdinan and Holger Meinke. 2004. The use of global climate forcing for rainfall and yield prediction in Indonesia: Case study at Bandung District. In *Proceedings of the 4th International Crop Science Congress Brisbane, Australia, 26 Sep – 1 Oct 2004*,  
<http://www.cropscience.org.au/icsc2004/poster/2/6/index.htm#TopOfPage>
- Rizaldi Boer** and M. Faqih. 2004. Global climate forcing factors and rainfall variability in West-Java. Indonesian Journal of Agriculture Meteorology 18:1-12
- Rizaldi Boer**, Abu Bakar Bulek and Alimin Djisbar. 2004. Challenge and opportunities to implement RUPES (Rewarding Upland Poor for the Environmental Services) program at Singkarak Catchments. In F. Agus, Farida, and Meine van Noordwijk. Hydrological impact of forest, agroforestry and upland cropping as a basis for rewarding environmental services providers in Indonesia. World Agroforestry Centre, Bogor, p:103-114
- Rizaldi Boer**, Kusnomo Tamkani, A.R. Subbiah. 2003. Communicating climate forecast to farmers through climate field school: Indonesian experience. Paper submitted to Workshop on "Insights and Tools for Adaptation: Learning from Climate Variability". NOAA, USA. <http://www.climateadaptation.net>
- Roger Jones, Linda Mearn, Stephen Magezi, and **Rizaldi Boer**. 2003. Assessing Future Climate Risk. Technical paper for Adaptation Policy Framework. United Nation Development Program. Paper can be downloaded from [http://www.undp.org/cc/apf\\_outline.htm](http://www.undp.org/cc/apf_outline.htm)
- Roger Jones, **Rizaldi Boer**, Stephen Magezi, and Linda Mearns. 2003. Assessing Current Climate Risk. Technical paper for Adaptation Policy Framework. United Nation Development Program. Paper can be downloaded from [http://www.undp.org/cc/apf\\_outline.htm](http://www.undp.org/cc/apf_outline.htm)
- Rizaldi Boer**, A.R. Subbiah, Kusnomo Tamkani, Hery Hardjanto and Soetarto Alimoeso. 2004. Institutionalizing climate information application: Indonesian case. Proceeding of Inter-Regional Workshop on Strengthening Operational Agrometeorological Services at the National Level, Manila, Philippines, 22-26 March 2004.
- Rizaldi Boer**, Simon McGree, TAN Lee Seng, Bonifacio G. Pajuelas, and Flaviana D. Hilario. 2006. Perspective from RA-V: Strengthening operational agrometeorological services at the national level. In Proceeding of the Inter-Regional Workshop, Manila, Philippines, pp:69-80
- Rizaldi Boer**, A.R. Subbiah, K. Tamkani, H. Hardjanto and S. Alimoeso. 2006. Institutionalizing climate information application. In Proceeding of the Inter-Regional Workshop, Manila, Philippines, pp:189-198
- Rizaldi Boer**. 2005. Climate Field School for farmers. Asian Disaster Management News. Asian Disaster Preparedness Centre (ADPC), Bangkok, July-September ed, p:6
- Rizaldi Boer**, and Hendri, 2003. The potential of agroforestry system for CDM Project: A case study in Java. In Proceeding of the 2003 International Conference on Tropical Forests and Climate Change: Carbon Sequestration and Clean Development Mechanism, Manila, p:87-97
- Rizaldi Boer** and Irsal Las. 2002. National Rice Production System in the Perspective of Global Climate Policy. In Rice Policy and Technology Innovations. Sukamandi Rice Research Institute, Sukamandi, p:215-234 (*In Indonesian*).

- Rizaldi Boer**, Nur Masripatin, Tania June, Endes E. Dahlan. 2001. Greenhouse Gas Mitigation Technologies in Forestry Sector: Status, Prospects and Barries of Their Implementation. In 'Technical Report for Climate Change Enabling Activity Project'. State Ministry for the Environment, Republic of Indonesia
- Rizaldi Boer**. 2001. Economic assesment of technology options for enhancing and maintaining carbon sink capacity in Indonesia *Mitigation and Adaptation Strategy for Global Change* 6:257-290
- Pasril Wahid, **Rizaldi Boer**, Ng. Ginting, D. Murdiyarsa. 1999. Potential options in forestry sector for clean Development Mechanism projects in Indonesia. Paper presented at International Seminar on *Land Use Change and Forest Management to Mitigate Disaster and Impact of Climate Change*, Biotrop-Bogor, 18-20 October 2000.
- Rizaldi Boer**, Khaimuddin, Mezak A. Ratag and Ahmad Bey. 2000. Impact of doubling CO<sub>2</sub> on forest productivity. Proceeding of The Second International Conference on Science and Technology for the Assessment of Global Climate Change and Its Impacts on Indonesian Maritime Continent, 29 November-01 December 1999
- Rizaldi Boer**, Khairil A. Notodiputro, Irsal Las. 1999. Prediction of daily rainfall characteristics from monthly climate indices. In the Proceeding of The Second International Conference on Science and Technology for the Assessment of Global Climate Change and Its Impacts on Indonesian Maritime Continent, 29 November-01 December 1999.

### 13. CERTIFICATION

I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

SIGNATURE

A handwritten signature in black ink, appearing to read 'Rizaldi Boer', written in a cursive style.