

CURICULLUM VITAE

1. PERSONAL DATA

Name : Dr. Forst. Bambang Irawan, SP., M.Sc. Fors. Trop.
 Place/date of birth : Pati, June 11, 1969
 Home Address : Jl Harapan RT. 11 No. 24 A, Kel. Buluran Kenali Telanaipura Jambi
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2. EDUCATION

| Education | Place | Major | Year |
|---------------|--|---|------|
| Bachelor (S1) | Faculty of Agriculture, Jambi University | Agronomy | 1993 |
| Master (S2) | Georg August Universität Göttingen, Jerman | Tropical Forestry (Silviculture) | 1999 |
| Doctorate | Georg August Universität Göttingen, Jerman | Major: Forest Botany Minor : Genetics and Tree Breeding and Silviculture | 2004 |

1. JOB EXPERIENCES

| No. | Institutions/Activities | Function | Year |
|-----|--|--------------------------------------|----------------|
| 1 | 2 | 3 | 4 |
| 1 | Faculty of Agriculture, Jambi University | Lecturer | 1994 - Now |
| 2. | Development of Social Forestry in Jambi (OECF Projects) | Expert on Silviculture | 1999 - 2000 |
| 3 | Land Grant College (LGC) Management Team - Jambi University | Researcher | 2001 - 2002 |
| 4 | Planning on Management of Former Forest Concession areas in Jambi Province (Cooperation among Jambi University, Forestry Department and Gajah Mada University) | Expert on Silviculture | 2002 |
| 5 | Communication and Consultation Forum, Jambi University | Cooperation and Database Coordinator | 2006 - Now |
| 6 | Restoration, Rehabilitation and Agroforestry Programs in Senami, Jambi (Cooperation between IPB and Forestry Department Funded by ITTO) | Facilitator | 2006 |
| 9 | PT. Wirakarya Sakti (WKS) – Forest Plantation Company | Consultant on Tree Breeding | 2007 - Now |

2. RESEARCH EXPERIENCE (2000 –)

| No | Title | Funding | Year |
|----|---|-----------------------------------|---------------|
| 1 | 2 | 3 | 5 |
| 1 | Inventory on Forest Potency of PT. Dalek Hutani Esa | PT. Dalek Hutani Esa | 2001 |
| 2 | Effects of Indoleacetic Acid (IAA) and Indolebutyric Acid (IBA) on rooting and growth of Ironwood (<i>Eusideroxylon zwageri</i> Teijsm & Binn) cuttings. | DAAD,Germany | |
| 3 | Ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) and its varieties in Jambi Indonesia (a comprehensive study on ironwood: Ecological, morphological, wood properties, seedling performance, and growth rate aspects). | DAAD, Germany | 2001-2004 |
| 4 | Mapping on genetic resources of Ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) | DIKTI | 2006 |
| 5 | Growth and propagation of Ironwood Varieties (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) | DIKTI | 2006 |
| 6 | | | |
| 7 | Application of sludge boiler and boiler ash compost on plantation of Eucapyppts and Acacia PT. Wirakarya Sakti | PT. Lontar Papyrus | 2006 |
| 8 | Planting of four varieties of Ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) outside their natural distribution | PT. Wirakarya Sakti | 2006 |
| 9 | Growth tests of Ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) from different mother trees. | PT. WKS | 2006 |
| 10 | Identification and mapping of genetic resources of <i>Garcinia Malaccensis</i>) and its propagation Jambi | Research and Technology Ministry | 2007/ 2008 |
| 11 | Application of liquid waste of palm Oil plant to palm oil plantation of PT. Kirana Sekernan | PT. Kirana Sekernan | 2009 |
| 12 | Study on forest areas with high conservation values based on micro delineation in District VIII PT. Wirakarya Sakti | PT. Wirakarya Sakti | 2009 |
| 13 | Designing Environmental Management and Monitoring Document of palm oil plant and palm oil plantation of PT. Rudi Agung Laksana | PT. Rudi Agung Laksana | 2009 |
| 14 | Designing environmental document of PT. Restorasi Ekosistem Indonesia (PT. REKI) | PT. REKI | 2009 |
| 15 | Designing Action Plan of Forestry Management Unit (KPH) of Jambi Province | Forestry Office of Jambi Province | 2008 |
| 16 | Formulating design of Forestry Management Unit Bram Itam,Tanjung Jabung Barat | BPKH Pangkal Pinang | 2009 |

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| | Regency - Jambi Province | | |
| 17 | Designing management plan of Taman Raja Conservation forest and Wild life corridor between Taman Raja and Bukit Tigapuluh National Park | Sinarmas Forestry | 2010 |
| 18 | Designing management plan of Forestry Management Unit Bram Itam, Tanjung Jabung Barat Regency - Jambi Province | BPKH Pangkal Pinang | 2010 |
| 19 | Designing environmental document of temporary Oil storage of PT. Wirakarya Sakti | PT. Wirakarya Sakti | 2010 |
| 20 | Propagation of of Ironwood Varieties (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) by cutting | Ministry of Education | 2010 |

5. INTERNATIONAL SEMINAR/WORKSHOP AND SYMPOSIUM (2001-)

| No | Name | Place | Year |
|----|--|----------------------------------|------|
| 1 | 2 | 3 | 5 |
| 1 | International Symposium cum Workshop South East Asia – Germany (SEAG) alumni | Bogor – Indonesia | 2001 |
| 2 | International Symposium cum Workshop South East Asia – Germany (SEAG) alumni | Hanoi – Vietnam | 2002 |
| 3 | International Symposium “DEUTSCHER TROPENTAG“ | Goettingen – Jerman | 2003 |
| 4 | International Symposium “DEUTSCHER TROPENTAG“ | Berlin – Jerman | 2004 |
| 5 | International Seminar on Biodiversity Conservation and Sustainable Use | Universitas Cenderawasih – Papua | 2005 |
| 6 | International Symposium cum Workshop South East Asia – Germany (SEAG) alumni | Yogyakarta – Indonesia | 2005 |
| 7 | International seminar and Workshop on Wiederaufbau in Partnerschaft | Yogyakarta – Indonesia | 2005 |
| 8 | Regional Alumni Seminar on Engineering for Environment | ITB, Bandung – Indonesia | 2005 |
| 9 | International seminar on sustainable forest management | Semarang – Indonesia | 2006 |
| 10 | International Symposium on Close to Nature Practices for Asia-Pacific towards Millennium Development Goals Challenges | Kuala Lumpur – Malaysia | 2008 |
| 11 | International Summer School: FUTURE FORESTRY: Reconciling Competing demands and Meeting the Challenges of Global Changes | Goettingen – Jerman | 2009 |

6. SCIENTIFIC PUBLICATIONS (2001 –)

| No. | Judul | Publikasi | Tahun |
|-----|--|---|-------|
| 1 | 2 | 3 | 4 |
| 1 | Conservation of ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) through cutting propagation using Indoleacetic Acid (IAA) and Indolebutyric Acid (IBA). | Tropenlandwirt No.73: halaman 255-263 | 2001 |
| 2 | Ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.): Present conditions and future development in Jambi, Indonesia. | In Sustainable development: Socio-economic and environmental problems. Penerbit Cuvillier Verlag. Goettingen, Jerman | 2002a |
| 3 | Jambi as a center of genetic resources of a threatened tree species `ironwood` (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) | Proceeding international Symposium - cum – Workshop – SEAG in Hanoi, Vietnam | 2002b |
| 4 | A study on tree diversity in association with variability of ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) in Jambi, Indonesia. | Proceeding international Seminar of Deutscher Tropentag 2003. Goettingen, Germany. http://www.tropentag.de/2003/abstracts/full/96.pdf | 2003 |
| 5 | Morphological variability of ironwood (<i>Eusideroxylon zwageri</i> Teijsm.& Binn.) in natural forests | Journal of Agriculture and Rural Development in the Tropics and Subtropics Beiheft 80. | 2004a |
| 6 | The importance of sprouting ability in conservation and development of Ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) varieties | Proceeding international Seminar Deutscher Tropentag 2004. Berlin, Germany. http://www.tropentag.de/links/Irawan_d6ZwArMc.pdf | 2004b |
| 7 | <i>Eusideroxylon zwageri</i> Teijsm. & Binn. | Forestry Compendium 2005 Edition, CAB International. London, Inggris. | 2005a |
| 8 | Ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) and its varieties in Jambi Indonesia | Cuvillier Verlag. Goettingen. Jerman | 2005b |
| 9. | Ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) diversity and its conservation in Jambi, Indonesia | Proceeding of International Seminar “Biodiversity conservation and sustainable use” Cenderawasih University, Papua - Indonesia | 2005c |
| 10 | Percentage of life and shoot growth performance of one year seedlings of <i>Eusideroxylon zwageri</i> teijsm. & binn. Varieties | Presentation on International Symposium - cum – Workshop internasional – SEAG di Yogyakarta, Indonesia | 2005d |
| 11 | Strategi silvikultur hutan produksi di Indonesia | In : Menjinakkan Liberalisme, Published: Pustaka Pelajar Yogyakarta | 2006 |
| 12 | Identifikasi Manggis hutan (<i>Garcinia malaccensis</i>) dengan menggunakan Random Amplified Polymorphic DNAs (RAPDs) | research report funded by Research and Technology Ministry, Indonesia. | 2008 |

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| 13 | Amplified Fragment Length Polymorphism (AFLP) and morphological structure assessment of genetic variation in ironwood (<i>Eusideroxylon zwageri</i> Teijsm. & Binn.) | Proceeding of International Symposium on Close to Nature Practices for Asia-Pacific towards Millennium Development Goals Challenges – Malaysia | 2008 |
| 14 | Distribution of mother trees of <i>Eusideroxylon zwageri</i> Teijsm. & Binn. varieties in Durian Luncuk II, Jambi Indonesia | Proceeding of International seminar: “Impact of Climate Change on Biodiversity: Does Nature Conservation need New Strategies” Manado, Indonesia | 2009 |
| 15 | Genetic diversity of <i>Eusideroxylon zwageri</i> on variety level | Proceeding of National seminar on Conservation status and formulation of Conservation Strategy of Threatened Species Funded by ITTO | 2011 |

Jambi, February 2011

Bambang Irawan,