

**Contact Detail**

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**Areas of Expertise**

**Geographic Information System and Remote Sensing** (ArcGIS, MapInfo, ERMapper, ERDAS Imagine, ENVI), **Spatial and Non-spatial Database** (ArcSDE, Oracle Spatial, Microsoft SQL Server, Microsoft Access), **Web mapping** (ArcIMS, UMN Map Server, MapView SVG, Macromedia Dreamweaver), and **Programming** (Visual Basic.NET)

**Education**

2003 BSc (Forestry), Bogor Agricultural University  
 2007 MAppSc (GIS), The University of Melbourne  
 2008 – present Graduate Program in Sustainability Science, Graduate School of Frontier Science, The University of Tokyo

**Country Experience**

Indonesia, African region, Asian region, South American region, Australia, and Japan

**Career Summary**

2007 - 2008 GIS Specialist, Riap Indonesia  
 2007 Information System Officer, The Nature Conservancy  
 2006 GIS Tutor, The University of Melbourne  
 2006 GIS Specialist, Scenic Spectrum Pty. Ltd  
 2003 – 2004 GIS Assistant, Center for International Forestry Research (CIFOR)  
 2003 GIS Consultant, Center for International Forestry Research (CIFOR)  
 2003 Remote Sensing Analyst, Bogor Agricultural University  
 2002 Remote Sensing and GIS Consultant, Center for International Forestry Research (CIFOR)

**Career Detail**

June 2007 – February 2008 Indonesia **Riap Indonesia** Mr. Darmawan responsible for promoting Riap Indonesia's GIS services, including writing proposal and technical documentation. Providing GIS supports for Riap Indonesia's projects and maintaining Riap Indonesia's spatial database.

February – May 2007 Indonesia **The Nature Conservancy.** Working as Information System Officer, Mr. Darmawan providing technical support to the Southeast Asia Center for Marine Protected Areas (SEACMPA) program, focusing on GIS, data analysis, and the development of information sources based on web technology. Participating in the production of technical reports and scientific publications.

August – October 2006 Australia **The University of Melbourne.** Working as GIS Tutor in Landscape Assessment and Planning course. Assisting student in carrying out their Western Port Biosphere GIS project. Managing course's website, including course's spatial and non-spatial database.

February, July 2006 Australia **Scenic Spectrum Pty Ltd.** As GIS Specialist, Mr. Darmawan responsible for managing spatial data and produce maps for New Mount Hotham Resort and Bale Building Project.

July 2003 –  
December 2004  
Indonesia

**CIFOR.** As GIS Assistant Mr. Darmawan responsible for managing and maintaining CIFOR's spatial database. Participating in research on the available best practices of the use and maintenance of spatial databases, including the development of spatial data library, metadata generation, information storage and retrieval systems, and spatial metadata quality control. Providing GIS assistance to the research divisions (Acquire and interpret remote sensing data, development of various thematic maps and spatial modelling).

April – July 2003  
African, Asian, and  
South American region  
(Indonesia based)

**CIFOR** Working as GIS consultant in the Non Timber Forest Product, Mr. Darmawan responsible for acquiring spatial data of Africa, Asia and South America. Mr. Darmawan also responsible for producing maps for the three narrative volumes of the case comparison project in the three regions.

February – April 2003  
Indonesia

**Bogor Agricultural University** Mr. Darmawan responsibilities consist of collecting spatial data of Mount Gede Pangrango National Park, Mount Salak Halimun National Park, Cidanau Watershed, and Kerinci Seblat National Park, a well as performing spatial analysis.

September –  
December 2002  
Indonesia

**CIFOR** Working as Remote Sensing and GIS Consultant with Fire Project responsible of acquiring spatial data for research site in Lampung and South Sumatra. Assisting with the remote sensing and GIS work under the Underlying Causes and Impacts Fire in Indonesia Project.

#### Languages

Bahasa Indonesia (mother tongue), English (fluent), Japanese (basic)

#### References

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