

Y. Hadiprakarsa

Home address:

200 Rogers Road P105
Athens, GA, USA 30605
Tel. +1 (706) 389.6264
Email. yhadiprakarsa@gmail.com

Business address:

Building 3, Room 301
Warnell School of Forestry and Natural Resources
The University of Georgia
Athens, GA, USA 30602
Tel. +1 (706) 542.3932
Fax. +1 (706) 542.8356
Email. yokixsan@uga.edu

RESEARCH INTEREST

Bird ecology, Landscape ecology, Forest fragmentation and Wildlife conservation

EDUCATION

Master of Science (Candidate) - The University of Georgia, USA **2006 - 2008**

- *Thesis:* Forest patch occupancy by Sumatran hornbill in a fragmented landscape of southern Sumatra, Indonesia
- *Emphasis:* Wildlife occupancy estimation, Habitat and resource selection, Landscape ecology, Forest fragmentation

Bachelor of Science in Biology - The University of Pakuan, Indonesia **1994 - 2000**

- *Thesis:* Diet Composition of Four Sumatra Hornbills on Bukit Barisan Selatan National Park, Indonesia. (Indonesia Language)
- *Emphasis:* Habitat and resource selection, Feeding ecology

PROFESSIONAL TRAININGS

1. Effective Project Management Training, Jakarta, Indonesia, 2005

Trimitra Human Resources Consultant

2. Biodiversity Information Sharing System Database Training, Bogor, Indonesia, 2004

Regional Centre for Biodiversity Conservation (ARCBC) and Lembaga Ilmu Pengetahuan Indonesia (LIPI)

3. Field Training on Rainforest Seed Dispersal Research, Queensland, Australia, 2002

Commonwealth Scientific and Industrial Research Organization (CSIRO), Eartwatch and RioTinto

4. Basic Training of Geographic Information System (GIS), Bogor, Indonesia, 2000

Wildlife Conservation Society - Asia Program

5. Radio Telemetry Training for Javan Hawk Eagle, Cianjur, Indonesia, 1998

Society for Research of the Golden Eagle (SRGE), Flora and Fauna International (FFI) Birdlife International - Indonesia Programme.

6. Basic Training for Tropical Bird Identification, Lampung, Indonesia , 1997

Birdlife International - Indonesia Programme

7. Nature Education Facilitator Training, Bogor, Indonesia, 1995

Klub Indonesia Hijau (KIH), Global Environmental Fund - United Nation of Development Program (GEF-UNDP)

PROFESSIONAL EXPERIENCE

Freelance GIS & Remote Sensing Consultant

2006 - present

Provide pragmatic consultation and technical assistance to various clients.

Wildlife Conservation Society - Indonesia Program

2000-2006

Detail professional work experience are listed:

1. Wildlife Biologist/Management Information System Coordinator (2004-2006)

Supervised data analyses and GIS analyses for bird and mammals monitoring program in Bukit Barisan Selatan National Park, Sumatra, Indonesia. Initiated and assessed the first organization Management Information System blueprint draft.

2. Wildlife Biologist/Sumatran Hornbill Project Manager (2003-2004)

Conducted and managed a landscape scale hornbill fragmentation survey in southern Sumatra landscape to assess: hornbill population, resources availability and bird survey using modification of 20 species count methods. The survey supported by Oriental Bird Conservation (OBC), Chester Zoo and AAZK.

3. Wildlife Biologist/GIS Officer (2000-2003)

Conducted population monitoring for large bird and mammals using line transect method, post forest fire dynamic study, Great Argus Pheasant radio tracking study, great apes behavioral studies and successfully to initiated long-term hornbill breeding observation at Way Canguk Research Station, Sumatra Indonesia. Initiated the implementation of GIS application for wildlife studies.

TEACHING EXPERIENCE

1. Laboratory Teaching Assistant

FORS 3910 - Spatial Information in Forest Resources
The University of Georgia

Fall 2007

2. Co-Instructor (20%)

Basic Training of Geographic Information System for Biodiversity
Wildlife Conservation Society - Indonesia Program

February 2006

3. Co-Instructor (20%)

Biodiversity Survey & Monitoring Training
Wildlife Conservation Society - Indonesia Program

December 2005

Guest lectures

FORS 2100 - International Conservation

November 2007

GRANTS

1. Puget Sound Chapter of the American Association of Zoo Keepers (AAZK) grant. 2005. Travel to South Africa for The 4th International Hornbill Conference. November. \$1,000
2. The 4th International Hornbill Conference Committee and SASOL. 2005. Conference cost for The 4th International Hornbill Conference, South Africa. November. \$2,000
3. Earthwatch Institute and Rio Tinto Indonesian Conservation Fellowship. 2005. Full expenses for field training on Rainforest Seed Dispersal research with CSIRO, Queensland, Australia. May. \$1,500.
4. Puget Sound Chapter of the American Association of Zoo Keepers (AAZK) grant. 2001. Travel to Thailand for The 3rd International Hornbill Conference. May. \$1,000
5. Wildlife Conservation Society - Indonesia Program (WCS-IP) thesis research grant. 1998. Diet Composition of Four Sumatra Hornbills on Bukit Barisan Selatan National Park, Indonesia. \$1,000

PUBLICATIONS

1. **Hadiprakarsa, Y.**, Kinnaird, M. F, Iqbal, M., and Wijayanto, U. 2007. Forest fragmentation effects on hornbills across the southern Sumatra landscape. Proceeding of the 4th International Hornbill Conference Proceeding (In press)
2. Hadi, F., Wikantika, K., Darmawan, S., Rudyanto and **Hadiprakarsa, Y.** 2005. The development of web-based Indonesian bird spatial database. In <http://www.gisdevelopment.net/application/environment/wildlife/ma05137pf.htm>.

3. **Hadiprakarsa, Y.**, and Kinnaird, M. F., 2004. Foraging characteristic of an assemblage of four Sumatra hornbill species. *Bird Conservation International*. September 2004: 14:S53-S62.
4. Winarni, N.L., Nurcahyo, A., **Hadiprakarsa, Y.**, and Iqbal, M. 2004. Effects of forest fragmentation on Galliformes in southern Sumatra, Indonesia. *Proceeding of the 3rd International Symposium on Galliformes*. (In Lit)
5. Kinnaird, M.F., **Hadiprakarsa, Y.**, and Thiensongrusamee, P. 2003. Aerial jousting by helmeted hornbills: observations from Indonesia and Thailand. *Ibis*. July 2003. 145 (3):506-508.

CONFERENCE AND PRESENTATION

1. **Hadiprakarsa, Y.** and Kinnaird, M. F. Effect of fragmentation to the Southern Sumatran Hornbills Community. Oral presentation as a keynote speaker at the 4th International Hornbill Conference, South Africa. November 2005. [Invited]
2. **Hadiprakarsa, Y.** Implementation of GIS and Remote Sensing for biodiversity. Oral presentation as a keynote speaker at GIS and Remote Sensing Seminar, FMIPA, University of Pajajaran, Bandung, October 2005.
3. **Hadiprakarsa, Y.**, and Winarni, N.L. Forest fragmentation vs hornbills: Can hornbill survive?. Oral presentation at the 1st Indonesia Ornithology Seminar, Indonesia Ornithology Union, Indonesia. March 2005.
4. Kinnaird, M.F, **Hadiprakarsa, Y.**, O'Brien, T.G., and Iqbal, M. Effect of forest fragmentation on Sumatran Hornbill Communities. Oral Presentation by first author at the 18th Annual Meeting Society for Conservation Biology, Columbia University. July-August 2004.
5. **Hadiprakarsa, Y.**, and Kinnaird, M. F. Foraging characteristic of an assemblage of four Sumatra hornbill species. Oral presentation at the 3rd International Hornbill Conference, Thailand. May 2001.

ORGANIZATIONAL MEMBERSHIP

1. Indonesian Ornithologist's Union (2005 - present)
2. Asian Hornbill Network (2005 - present)
3. Indonesia Green Club (2003 - present)

ADDITIONAL SKILLS

Biodiversity research techniques

- Wildlife survey and monitoring techniques.
- Population estimation analysis
- Camera trap wildlife survey techniques using CamTracker technologies
- Radio location (homing and triangulation)
- Radio telemetry studies

Information and Technology

- Operating System: Apple Mac OS X, Windows (2000, XP), Ubuntu and RedHat
- Geographic Information System [GIS] and Remote Sensing: ESRI software packaged (ArcView 3.2, ArcGIS 9.x and ArcPad), Leica ERDAS Imagine, Quantum GIS, GlobalMapper.
- Global Positioning System [GPS]:, consumer devices or differential devices {e.g. Garmin, Magellan, Trimble, Sokkia}
- Statistical software: SPSS, SAS {minimal}
- Database: Microsoft Access and Filemaker {minimal}
- Word processor and presentation related: Microsoft Office (Word, Excel, Powerpoint, Publisher), iWork (Pages, Keynote, Number)., NeoOffice
- Server management: Web server (Apache, PHP, MySQL {minimal}), File server (FTP and WebDAV {minimal})
- Desktop publishing: Adobe Pagemaker and InDesign {moderate}
- Design and digital photography post processing related: Adobe Photoshop, Adobe Lightroom, Aperture, Corel Draw and Photopaint
- Web - Content Management System [CMS]: Wordpress, Joomla, Gallery, Xoops {moderate}
<http://hadiprakarsa.com>
- Networking [Wired and Wireless]: installation and troubleshooting {moderate}
- Computer troubleshooting: Desktop and Laptop {moderate}