

Bonorowo Wetlands

| Bonorowo Wetlands | vol. 5 | no. 2 | December 2015 | ISSN: 2088-110X | E-ISSN: 2088-2475 |



**Nusantara Institute of Biodiversity
Sebelas Maret University**

Bonorowo Wetlands

| Bonorowo Wetlands | vol. 5 | no. 2 | pp. 55-93 | December 2015 | ISSN 2088-110X | E-ISSN 2088-2475 |

- Komposisi jenis pohon dan struktur tegakan hutan mangrove di Desa Pasarbanggi, Kabupaten Rembang, Jawa Tengah** 55-62
Fikri Bagus Wicaksono, Muhdin
- Desain kawasan konservasi mangrove untuk meningkatkan resiliensi Delta Cimanuk, Indramayu, Jawa Barat terhadap perubahan iklim** 63-76
Hadiana, Agustinus M. Samosir
- Pengaruh sampah terhadap kandungan klorofil daun dan regenerasi hutan mangrove di Kawasan Hutan Lindung Angke Kapuk, Jakarta** 77-84
Faridah Lestari, Cecep Kusmana
- Persepsi, sikap, dan partisipasi masyarakat dalam pengelolaan hutan mangrove di Wonorejo, Surabaya, Jawa Timur** 85-93
Aris Maulana Hakim, Dudung Darusman

Front cover: *Hutan mangrove Angke Kapuk*, by Fitri Hermawati

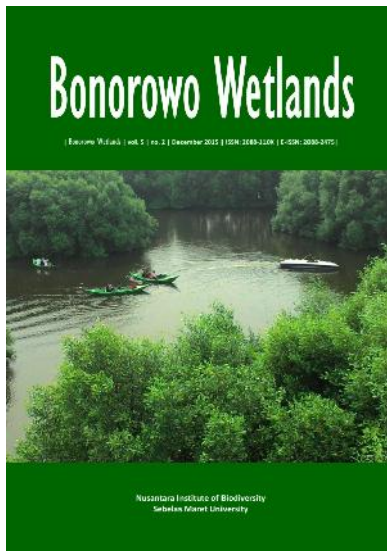
PRINTED IN INDONESIA

Published semiannually on June and December



Bonorowo Wetlands

| Bonorowo Wetlands | vol. 5 | no. 2 | December 2015 | ISSN 2088-110X | E-ISSN 2088-2475 |



The **Bonorowo Wetlands** publishes original papers and reviews on all aspect of the **wetlands sciences**, including: **physical aspects, biogeochemistry, biodiversity, conservation and managements**, as well as related fields such as horticulture and ethnobiology, with emphasis of the Islands of Southeast Asian or Nusantara region.

Ahmad D. Setyawan

*Department of Biology,
Faculty of Mathematics and Natural Sciences
Sebelas Maret University
Surakarta, Central Java
(Editor)*

Udhi E. Hernawan

*Research Center for Oceanography
Indonesian Institute of Sciences,
Tual, Southeast Maluku
(Associate Editor)*

Alfin Widiastuti

*Development Agency for Seed Quality
Testing of Food and Horticulture Crops
Cimanggis, Depok, West Java
(Business Manager)*

Editorial Advisory Board

Professor Cecep Kusmana

*Faculty of Forestry
Bogor Agricultural University
Bogor, West Java
(cecep_kusmana@ipb.ac.id)*

Dr. Achmad Rizal

*Faculty of Fisheries
Tadulako University
Palu, Central Sulawesi
(arizal@tnc.org)*

Dr. Gadis S. Handayani

*Research Center for Limnology
Indonesian Institute of Sciences
Cibinong-Bogor, West Java
(gadis@limnologi.lipi.go.id)*

Professor Bambang H. Saharjo

*Faculty of Forestry
Bogor Agricultural University
Bogor, West Java
(bhsaharjo@gmail.com)*

Dr. Muhammad A. Rifa'i

*Faculty of Fisheries
Lambung Mangkurat University
Banjarbaru, South Kalimantan
(muh_ahsin@yahoo.com)*

Dr. Darmawan

*Department of Agrotechnology
Faculty of Agriculture
Andalas University
Padang (West Sumatra)
(darmawan_darma@yahoo.com)*

Professor Sudarmadji

*Department of Biology,
Faculty of Mathematics and Natural Sciences
State University of Jember,
Jember, East Java
(pak903@gmail.com)*

Dr. Sunarto

*Department of Biology,
Faculty of Mathematics and Natural Sciences
Sebelas Maret University
Surakarta, Central Java
(rm.sunarto@yahoo.com)*

Dr. Am A. Taurusman

*Faculty of Fisheries and Marine Science
Bogor Agricultural University
Bogor, West Java
(azbastm@yahoo.com)*

The **Bonorowo Wetlands** is a peer-reviewed journal published twice yearly, in June and December, by the tandem publisher namely Nusantara Institute of Biodiversity (Society for Indonesian Biodiversity) and Sebelas Maret University Surakarta. Authors currently opt for two samples journal off prints and/or a pdf reproduction of their contribution (gratis).

ADDRESS:

Nusantara Institute of Biodiversity
Jl. Raya Dieng Km 01, Kp. Tanggung, Kel. Kejiwan, Wonosobo 56311, Jawa Tengah, Indonesia
Tel. +62-286-5821222, Email: jbonorowo@gmail.com, unsjournals@gmail.com, Online: biosains.mipa.uns.ac.id/W/index.htm

GUIDANCE FOR AUTHORS

The Bonorowo Wetlands is a peer reviewed journal publishing *original papers* and *review* in all **wetlands sciences**, including: physical aspects, biogeochemistry, biodiversity, conservation and management. The journal is issued twice yearly, in July and December, by the The Nusantara Institute of Biodiversity (an organ of The Society for Indonesian Biodiversity).

The only articles written in English (U.S. English) and Bahasa Indonesia are accepted for publication. Prior to submission, authors whose first language is not English or Bahasa Indonesia are advised to have their manuscripts checked by someone fluent or proficient in that language. The accepted manuscript in Bahasa Indonesia will be translated into English by the management. Final manuscript is published in English. Contributions must not have been published or be under consideration elsewhere.

Cover letter, submission and copyright. Ensure your cover letter states clearly that you are submitting your manuscript (state title) for publication in The Bonorowo Wetlands. By submitting the manuscript(s), the authors agree that upon acceptance, copyright of the entire work becomes the property of The Nusantara Institute of Biodiversity/The Society for Indonesian Biodiversity. Authors must ensure all required permission has been obtained in writing to publish any material presented in their work, and the Editor may require proof of such permission.

Manuscripts may be submitted in electronic form (.odt or .doc/docx is preferred for text and .jpeg for figures), and typed at paper size of A4 (210x297 mm²), in a single column, double line spacing, 12-point Times New Roman font, with 2 cm distance step aside in all side. Number all pages serially including the title and abstract on the first. Smaller letter size and space can be applied in presenting table. Additional word processing software can be used; however, it must be PC compatible. Manuscript of original research should be written in no more than 25 pages (including tables and figures), each page contain 700-800 word, or proportional with article in this publication issue. Invited review articles will be accommodated.

Title and authorship: The title should give a concise description of the contents of the article. If a scientific name is used in the title, it is normally included without authority, but the family name would be provided. Authors' names and affiliations must be stated below the title. If more than one author, indicate Corresponding author (email address) below the relevant author's institutional address. Avoid footnotes. Title of article should be written in compact, clear, and informative sentence preferably not more than 20 words (generally 135 characters including spaces). Name of author(s) should be completely written. *Name and institution* address should be also completely written with street name and number (location), zip code, telephone number, facsimile number, and e-mail address.

Short running title: Suggest up to five words should also be provided, reflecting the idea of the manuscript.

Abstract: An abstract of 100-300 words at most should be provided. It should concisely indicate the contents of the article without summarizing it, but mentioning if novelties and name changes are included.

Keywords: Suggest at most five keywords, covering scientific and local name (if any), research theme, and special methods, in alphabetical order.

Introduction is about 400-600 words, covering background and aims of the research. **Materials and Methods** should emphasize on the procedures and data analysis. **Results and Discussion** should be written as a series of connecting sentences, however, for manuscript with long discussion should be divided into sub titles. Thorough discussion represents the causal effect mainly explains for why and how the results of the research were taken place, and do not only re-express the mentioned results in the form of sentences. **Conclusion** should preferably be given at the end of the discussion. **Acknowledgments** list and funding sources are expressed in a brief. Dedications are rarely allowed.

Scientific names: Genus and species names of organisms must be *italicized* and followed by the authority (with family name indicated in parentheses) when first mentioned in the main text. Standard abbreviations and acronyms may be used in the text, but the full term should be given on first mention. Dates should be cited as: 1 Jan 2010. SI (metric) units of measurement should be used and spelled out except when preceded by a numeral, when they should be abbreviated in standard form: g, mL, km, etc. and not followed by full stops (periods). Equation of mathematics can be written separately. Number one to ten are expressed with words, except if it relates to measurement, while values above them written in number, except in early sentence. Fraction should be expressed in decimal. In text, it should be used "%" rather than "gratuity". Biochemical and chemical nomenclature should follow the order of IUPAC-IUB, while its translation to Indonesian-English refers to *Glossarium Istilah Asing-Indonesia* (2006). For DNA sequence, it is better used Courier New font.

Tables: All tables should be numbered in arabic numerals in the order they are first mentioned in the text and carry an indicative legend at the head.

Figures: All drawings, maps, graphs and photographic images are to be numbered in arabic numerals in the order they are first mentioned in the text, as Figure 1, Figure 2, etc. Where relevant, scale bars should be used to indicate magnification. Color reproductions will only be considered when they add significantly to information content. High resolution digital images may also be submitted as *separate* files (line drawings in black and white at 600 dpi, photographs at 300 dpi) sent electronically with the manuscript. Author could consign any picture or photo for front cover, although it does not print in the manuscript.

There is no appendix, all data or data analysis are incorporated into Results and Discussions. For broad data, it can be displayed in website as Supplement.

References in the text: Citation in the text should take the form: Saharjo and Nurhayati (2006) or (Boonkerd 2003a, b, c; Sugiyarto 2004; El-Bana and Nijs 2005; Balagadde et al. 2008; Webb et al. 2008). Extent citation as shown with word "*cit*" should be avoided, and suggested to refer an original reference.

References listed at the end: Under *References*, works mentioned in the text are listed alphabetically. *APA style* in double space is used in the reference. Only published or in-press papers and books may be cited in the reference list. Unpublished abstracts of papers presented at meetings or references to "data not shown" are not permitted. All authors should be named in the citation (unless there are more than five). If there are more than five, list the first fifth author's name followed by et al. Include the full title for each cited article. Authors must translate foreign language titles into English, with a notation of the original language (except for Spanish, France, and Germany). For manuscript in Bahasa Indonesia, translation of Indonesian title in to English is not necessary. For correct abbreviations of journal titles, refer to *Chemical Abstracts Service Source Index* (CASSI). Provide inclusive volume and page ranges for journal articles, but not for book or book chapters.

Journal:

Saharjo BH, Nurhayati AD. 2006. Domination and composition structure change at hemic peat natural regeneration following burning; a case study in Pelalawan, Riau Province. *Biodiversitas* 7: 154-158.

Book:

Rai MK, Carpinella C. 2006. Naturally occurring bioactive compounds. Elsevier, Amsterdam.

Chapter in book:

Webb CO, Cannon CH, Davies SJ. 2008. Ecological organization, biogeography, and the phylogenetic structure of rainforest tree communities. In: Carson W, Schnitzer S (eds) *Tropical forest community ecology*. Wiley-Blackwell, New York.

Abstract:

Assaeed AM. 2007. Seed production and dispersal of *Rhazya stricta*. 50th annual symposium of the International Association for Vegetation Science, Swansea, UK, 23-27 July 2007.

Proceeding:

Alikodra HS. 2000. Biodiversity for development of local autonomous government. In: Setyawan AD, Sutarno (eds) *Toward mount Lawu national park; proceeding of national seminary and workshop on biodiversity conservation to protect and save germplasm in Java island*. Sebelas Maret University, Surakarta, 17-20 July 2000. [Indonesia]

Thesis, Dissertation:

Sugiyarto. 2004. Soil macro-invertebrates diversity and inter-cropping plants productivity in agroforestry system based on sengon. [Dissertation]. Brawijaya University, Malang. [Indonesia]

Information from internet:

Balagadde FK, Song H, Ozaki J, Collins CH, Barnet M, Arnold FH, Quake SR, You L. 2008. A synthetic *Escherichia coli* predator-prey ecosystem. *Mol Syst Biol* 4: 187. www.molecularsystemsbiology.com

Progress of manuscript. Notification of manuscript whether it is accepted or refused will be notified in about two to three months since the manuscript received. Manuscript is refused if the content does not in line with the journal mission, low quality, inappropriate format, complicated language style, dishonesty of authenticity, or no answer of correspondence in a certain period. Author or first authors at a group manuscript will get one original copy of journal containing manuscript submitted not more than a month after publication. Offprint or reprint is only available with special request.

Address for sending manuscript is The Editor <unsjournals@gmail.com>.

NOTIFICATION: All communications are strongly recommended to be undertaken through email.