

2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB

atingan pendidikan, p**enelitian, penulisan karya ilmiah, penyusunan laporan,** penulisan kritik atau tinjauan suatu masalah

utipan tidak merugikan kepentingan yang wajar IPB.

Hak Cipternational Federation of Landscape Architects

Pacific Region Annual Conference

Hak Cipta mili nengutip sebagian otau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber:

Shanghai, China 22-24 October 2012

> Edited by Zhaozhen MENG Xiaoli CHEN

ertanian Bogor



PUBLISHING



Proceedings

2012 International Federation of Landscape Architects Asia-Pacific Region Annual Conference

IFLA APRC 2012

Shanghai, China, 22-24 October 2012

Edited by Zhaozhen MENG, Xiaoli CHEN

Hosted by

IFLA Asia-Pacific Region Chinese Society of Landscape Architecture (CHSLA) Shanghai Landscaping & City Appearance Administrative Bureau

Organized by

Shanghai of Landscape Architecture Society (SLAS)

Co-organized by

Shanghai Gardens (Group)Co. Ltd College of Architecture & Urban Planning, Tongji University School of Agriculture and Biology, Shanghai Jiao Tong University



London Science Publishing Limited

Hak cipta milik IPB (Institut Pertanian Bogor)

Dilarang

Published by London Science Publishing Limited.

Copyright © 2013 by London Science Publishing Limited.

All rights reserved.

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries may hotocopy beyond the limits of UK copyright law.

Other copying, reprint or republication requests should be addressed to: London Science Publishing Limited, Room C, 83 Cressingham Road, Reading, RG2 7RX, United Kingdom.

The papers in this book comprise the proceedings of the meeting mentioned on the cover. They reflect the cauthors opinions and, in the interests of timely dissemination, are published as presented and without change. Their inclusion in this publication does not necessarily constitute endorsement by the editors or London Science Publishing Limited. Although all care is taken to ensure integrity and the quality of this publication and the information herein, no responsibility is assumed by the publishers nor the author for any damage to the property or persons as a result of operation or use of this publication and/or the information contained herein

> London Science Publishing Limited Order Number P80114 ISBN 978-1-907801-14-3

> > Additional copies may be ordered from: London Science Publishing Limited Room C, 83 Cressingham Road Reading, RG2 7RX, United Kingdom http://www.londonscience.net proc@ londonscience.net

Individual paper reprints may be ordered at: proc@londonscience.net



London Science Publishing Limited. http://www.londonscience.net

Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber:

titut Pertanian Bogor)

Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber:



Table of Contents

2012 International Federation of Landscape Architects Asia-Pacific Region Annual Conference

IFLA APRC 2012

ΗQ		
Cipi	≥012 International Federation of Landscape Architects	
ξα Di	Asia-Pacific Region Annual Conference	
Hak Cipta Dilindungi Undang-Undang	IFLA APRC 2012	
ngil		
Jndo		
Preface	e	\ii
Organiz	zing Committee	viii
gng	Modernization on the Transitional Landscaping Form in Hani villages: with Case Stu	ıdx in
	ing Village, Menghai County, Yunnan province	
	VA.Wim, LI Da fang and WEI Lai	
Study	on the Microclimatic Characteristics of Four Land Cover Types in Urban Parks during	2 Hot
Summe		10
Ha	lai 🖫n, Peiyao Hao and Li Dong	
EARTH	H Pattern of Cultural Landscape at Urban Farms	1,4
	un <mark>A</mark> nao and Xiong Li	
Analysi	sis of the History and Status Quo of Preservation of Beijing Ancient City Wall Ruins Case	Study
on Khai	anbaliq City Wall Park	19
	Thunxiao Wang and Yiran Hu	
ECD Sy	System in the Development of City Center	24
	ui Dai, Binyi Liu	
Analysi	sis on Relationship between "Network Efficiency" and Spatial Pattern of Urban Green Ecol	ogical
	ork Morphology	28
Wi	Vu Min and Liu Binyi	
Landse	cape's Contribution for Regional Economic Transition - Case Studies in Huangpu Riv	erside
	opment in Minhang District	35
Xi		
Cultiva	rating the Sense of Place of Urban Rivers in the Case of Landscape Design in Tai'an City	11
Li	in Bing and Liu Xiaoming	
The Ef	ffee of Urban Square in the Formation of City Image - A Case Study of Chongqing, China	44
QI	$2in\frac{\Delta u}{\Delta t}$	



1. Di	The Construction of Theoretical System on Participatory Design of Elementary and Secondary School
lara	Environment Landscape52
Dilarang mengutip sebagian atau	Wei WANG, Liang DONG and Zhe WANG
lengi	Analysis on the Legal System Construction and Operation Management of National Archaeological
utip	Parks •
sebc	ChuTianjiao and ZhaoWenbin
ıgiaı	
. atc	Sound Support to Therapeutic Landscape Architects: Revealing the Subtle Tricks between Flora Scent
	and Human Health Lei Vio. Shu-ying LI, Yi-qi WEI and Nico-liang REN
seluru	T Shu-Ving Li, 11-qi w Ei ana Mao-nang KEN
h ko	Landscape Optimization Based on the Evaluation of Tourists of the International Plum Blossom Festival
arya	aof Nanjing China 66
tulis	Ding hao-gang and Zheng yao
≣:	Coordinate System for the Disciplinary Development of Landscape Architecture Discipline in Human
tanpa	Settlement Disciplines Group
a m	Liu Bin-vi
enco	Store Director Land and Design Constant Wells I Design Constant
ntu	Ongagawa River Riverfront Landscape Improvement Project: From Concrete-Walled Drainage Channel to Friendl Public Open Space 76
mko	to Friendl Public Open Space 76 Akihiko Higuchi and D.Des.
on d	The trigger and to toes.
an n	Landscape Planning of Post-Coal Mining for Ecotourismin Batulicin District South Borneo (Kalimantan)
neny	Indonesia 2 82
mencantumkan dan menyebutkan sumber	Afra 💆 N. Makalew and Huda Firmansyah
tkar	Visual Cognitive Characteristics of the Japanese toward Trees Pruned Using the Sukashi Technique86
n sur	Hyunju Jo, Minkai Sun, Tsukasa Kobayashi and Eijiro Fujii
nbei	The Landscape Planting Design and Regional Characteristics of Classic Gardens on Yangtze Delta in
• •	
	Sur and Tang Dynasty (581 A.D 960 A.D.) Peiyao Hao and Li Dong
,	
	Research of Regional Vernacular Landscape Culture Corridor's Integral Protection of Greenways in
	Zengcheng. Guangdong 97
	Juany WU, Chujic LIN and Longping LI
	The Distribution and Characteristics of Eight Views in China, Japan and the Korean Peninsula 102
	Xin Gong, Keshi Chen, Ruojei Gao and Shan Jin
	Public Art Manning: a Way to Advance Construction of Cultural Landscapes in Usban Cassa Sugar
	Public Art Planning: a Way to Advance Construction of Cultural Landscape in Urban Green Space108
	The Tring of a
	The Principles and Methods of Landscape Characteristics Conservation in Urban Renewal113
	Yan Zhou and Jiang-ping Wang



Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber:

Hak Cipta Dilindungi Undang-Undang



Preface

International Federation of Landscape Architects (IFLA) World Congress is an important global platform in providing the opportunity for landscape architectural professionals to exchange ideas and to share latest findings, design approaches, trends and technologies in the profession of landscape architecture and landscape development.

are very glad that the 2012 IFLA APRC World Congress was held in Shanghai. Chiefa. It is a significant chance for Chinese landscape architectural professionals to showcase their achievements in landscape construction and research, as well as to learn the successful experiences from foreign colleagues.

The congress theme is 'Better Landscape. Better Life', which aims to discuss how to the cherish and preserve traditional values and balance the relationship between tradition and modern social development against the background of globalization and urbanization.

The congress got keen interests from professionals and students at home and abroad, and the congress received 67 papers from 17 countries and regions including China, New Zealand, Malaysia, Indonesia, Japan, The United States and Australia, etc..

After the Congress, responding to some authors' requirement, the organization committee of the Congress furthered to edit and publish the hard copy proceeding.

Thanks a lot for the supports by all of authors, for the jury works by experts in academic committee, as well as for the great help from publishers.

Bogor Agricultural University



haozhen MENG

Organizing Committee

Honorary directors

Member of the Chinese Academy of Sciences and the Chinese Academy of Engineering, honorar president of Chinese Society of Landscape Architecture

Member of the Chinese Academy of Engineering, honorary president of Chinese Society of Landscape Architecture

Directors

Xiaoli CHEN President of Chinese Society of Landscape Architecture
Yunan MA Director of Shanghai Landscaping & City Apperance Administrative Bureau

Deputy directors

Xiucher LIU Vice president and secretary general of Chinese Society of Landscape Architecture

Yan FANG Vice director of Shanghai Landscaping & City Apperance Administrative Bureau

Ain CHEN Vice president of Chinese Society of Landscape Architecture, President of Shanghai Landscape

Architecture Society

Committee members

(According to the last name alphabetical order)

Xiangrong WANG Vice president of Chinese Society of Landscape Architecture, professor

Biangchun WANG Director of Landscape Architecture Office of Urban Construction Department of MOHURD

Director of Landscape Architecture Science and Engineering Department, Agriculture and

Biological College, Shanghai Jiao Tong University, professor

Xiaoming LIU Vice scretary general of Chinese Society of Landscape Architecture, professor

Xiaoming LIU Vice scretary general of Chinese Society of Landscape Architecture, professor

Binyi LIU Director of Landscape Architecture Department, Architecture and Urban Planning College, Tongji
University, professor

Xiangming ZHU Director of Shanghai Landscape Architectural Design Institute, Co. Ltd.

Yongkang YAN Director of Science and Technology Information Office, Shanghai Landscaping & City

Apperance Administrative Bureau

Lang ZHANG Vice general engineer of Shanghai Landscaping & City Apperance Administrative Bureau Xueling DU Vice scretary general of Chinese Society of Landscape Architecture

Weiliang CHEN General Manager of Shanghai Garden (Group) Co. Ltd.

Ruwer ZHOU Vice president and secretary general of Shanghai Landscape Architecture Society

Secretary general

Min CHEN

Excutive secretary general

Xiaoming LIU, Yongkang YAN, Ruwen ZHOU



Potential Evaluation of Community-based Agritourism in Banyuroto and

Ketep Rural Landscape Magelang Regency Central Java Province
Indonesia

Tati Budiarti, Afra D.N. Makalew, Nizar Nasrullah, Umi Hayati, Saptana
Department of Landscape Architecture, Faculty of Agriculture,
Bogor Agricultural University (IPB), Indonesia
tathudiarti'a yahoo.com; amakalew@yahoo.com; nizarnasrullah ayahoo.com,
umiharyati'ayahoo.com; saptono_07@yahoo.co.id

The research was conducted in Banyuroto and Ketep Villages, in Sawangan District, Magelang
Regency, Central Java, Indonesia. The data of the rural landscape, socio-economic and cultural development
were analyzed to develop the community-based agritourism. The results showed that the Banyuroto and Ketep

Were analyzed to develop the community-based agritourism. The results showed that the Banyuroto and Ketep

Villages hard rural landscape and culture of the farming community with huge potential to be developed as a community wased agritourism. Perception and preference evaluation results showed that visitors are interested in agritourism attractions with active participation in the process of plant cultivation and livestock production. Community sustainability assessment indicated that Banyuroto and Ketep Villages have ecological, social, and spiritual sustainabilities. The concepts need to be developed for community-based agritourism in this area are as follows: fouring plans include object and activity from cultivation farm to the agricultural products; processing places haverto be combined with natural attractions; Human resources and community institutions need to be improved to manage the tourism program. Promotion of tourism and cooperation with stakeholders, and Governmenes guidance to accommodate agritourism in this area.

Keywords: Agritourism; Community-based; Community Sustainable Analysis; Rural Landscape.

1. Introduction

1.1. Background

Agriculture is an important sector which plays an important role in the provision of food, clothing, and medicine, as well as employment and income for most households of the rural peoples in Indonesia. Some of the problems facing the agriculture sector are: 1) land use change, 2) land degradation, 3) scale subsistence farming. 4) price fluctuation of agricultural products, 5) low people appreciation in agriculture, 6) decreased interest in the young generation towards agriculture, and 7) less balanced development in rural and urban areas.

Thus, increased value-added agricultural products and services in rural areas are needed, so the farmers earn a better income. The development of agri-based rural community is expected to provide value-added agricultural businesses in rural areas so that agricultural land can be sustainable. Then, agritourism is an alternative that could potentially be developed in line with interest growth and demand for tourism.

Development of agricultural tourism activity will increase the positive perception of the importance of agriculture The preservation of agricultural land resources, and also will create jobs for rural communities, so as to suppre. The migration of villagers to the cities. In addition, the development of agritourism activities to conserve thoresource, local wisdom and technology, as well as increase the income of farmers or people around the area of agricultural tourism [5]

1.2. Objectives

The objectives of the research are: 1) to identify the character of the rural landscape. 2) to find out the potency of acritourism and culture, 3) to identify the socio-economic and local institutions, 4) to identify the factors that play a role in the development of agritourism community-based and the programs related to the development of agritourism, and 5) to formulate a model of community-based agritourism

2. Methodology

The research was conducted in Banyuroto and Ketep Villages, Sawangan District, Magelang Regency, Central Java Province. Indonesia from April to November 2009. Research phase consists of several stages, namely: (1) preparation of questionnaires to obtain quantitative as well as qualitative data. (2) data collection, (3) data analysis, and (4) formulation of recommendations.

ঠু. Result and Discussion

3.1. General Conditions of Banyuroto and Ketep Villages

Geographic Location and Topography

Research sites in Banyuroto and Ketep Villages, Sawangan District, Magelang Regency, which located on the slopes of Mount Merbabu, geographically located between 7°27'2 "-7°33'43" South Latitude and 110°16'07 = 110°26′22 East Longitude. Banyuroto Village located at an altitude of 1100 m-1800 m above sea level (asl) with a flat topography (30%), undulating (35%), to mountainous (35%), whereas Ketep Village at an altitude of 300 m-1200m above sea level which nearly 100% of the hills.

The total area of Banyuroto Village is 622.13 ha while Ketep Village is 418.95 ha. The land use of the Fillages are agricultural land in Banyuroto and Ketep is 91.6% and 65.6% forest area is 2.97% and 27.63% and settlements and the yard is 5.14%, and 1.65% [3] [4]

Climate and Hydrology

The research location has a wet climate with IIIA rainfall patterns, annual rainfall (AR) 2000-3000 mm, wet months (AR-100 mm month) for 7 months and dry months (AR-100 mm/month) for 5 months. Based on rainfall data in 2001-2004, average annual rainfall is 2212 mm year, monthly average 184.2 mm, an average of 148 days of ainy days year with 7 wet months (November-May), and 5 dry months (June-October).

Village vater sources and Ketep Banyuroto comes from rain water and springs in the region and from the higher area and water wells. Drinking water needs of the rural people obtained from the fountain of the Banyuroto Eillage. The water flowed through the pipes and then flowed into people's homes.

3.2. Potengial Landscape in Banyuroto and Ketep Villages

Vegetation and Animal

The magrerops in the village are: chili (Capsicum anuum), cabbage (Brassica sp.), pumpkin (Cucurbita spp.), jackfruit (Arthocarpus heterophylla), tobacco (Nicotiana tabacum), tomato (Solamon licopersicon), coffee (Coffea ar pica), maize (Zea mays), strawberry (Fragaria daltoniana), cassava (Manihot utilisima), banana (Musa par gdiciaca), papaya (Carica papaya), coconut (Cocos micitera), and bean (Vigna smensis). Several other plants are bamboo (Bambusa fulgaris), flamboyant (Delonix regia), dracaena (Dracaena sp.), hibiscus (Hibiscus rosa-vinensis), and aglonema (Aglaonema sp.).

Meanwhile, animals that exist in this area include livestock that are kept in the homestead plots are cows. chickens, ducks, rabbits, whereas the other animals are birds, dogs, monkeys, deer, snakes, and insects. Then, the number of beef cattle in Banyuroto village around 700-800 heads, while in the village around Ketep 800-1000 heads. Figure 1 displays the cattle kept in the Ketep Village.



Figure 1. Beef cattle in Ketep Village

Acous@ and Visual



Figure 2. Agricultural land in Ketep Village

Shade t agriculture and rural landscapes can be enjoyed during the journey to this village. There are some crop plantations, vegetables, and others plants in the field (Figure 2). Besides that, some interesting to be seen in ta Dilindungi Undang-Undang sebagian atau seluruh karya tulis

<u>panulisan katya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah.</u>



Dilarang

the hamlets such as traditional houses, yards, cattle, also the people daily activities to maintain the plant and cattle in the yard, handling of vegetable crops, and processing of agricultural products.

Meanwhile. Ketep Pass is a tourist area with several facilities such as volcano museum, theater, tower of view, restaurants, and rest area. Then, from Panca Arga can be seen a very interesting view into the hamlets with farmlands and mountains around it. In the morning guests can enjoy the mountains and valleys covered in mist, the sound of birds, and also the sunrise from behind the mountain (Figure 3). Some other recreational areas around the region of Ketep Pass are Kopeng Indah Park located in Pakis Sub-district. Kopeng District; and Kedung Kayang Waterfall in Wonolelo Village.



Figure 3. Mount Merapi at sunrise

Soil Soil

tanian

Bogor)

The results of analysis of soil physical properties at Banyuroto and Ketep found that the soil is good enough to support plant growth. The soil is characterized with high porosity (RPT>60% volume), low BD (<1.0), rapid drainage pore water are quite high, high permeability, and good enough water availability.

Soil chanical properties in Banyuroto Village have a neutral pH at the top of slope. Then, organic matter content is medium and low, P₂O₅ content is very high (except for Ca), cation exchange capacity (CEC) is low, but has a gry high base saturation (BS) (Table 1). This means that land has a low nutrient retention (due to low CEC) and autrient availability, nutrient imbalance, so that it needs to be improved by chemical fertilizer combine with organic fertilizer.

Table 1 Chemical properties of soil at Banyuroto Village, Sawangan District, Magelang Regency

Soil Chemical properties	Depth (0 - 20) cm		Depth (20-40) cm	
	Value	Category	Value	Category
pH				
H ₂ O	6,0	Almost	6,0	Almoust
KCI	5.6	neutral	5,6	neutral
Organic matter				
C (°o)	2.00	Medium	1,63	Low
N (%)	0.17	Medium	0.13	Low
C/N	12	Medium	13	Low
HCI method (25 %)	* * * * * * * * * * * * * * * * * * * *	***************************************		
P ₂ O ₅ (mg/100g)	190	Very high	282	Very high
K _z O (mg/100g)	11		8	
P.O. (Olsen) (ppm)	120	Very high	205	Very high
K ₂ O (Morgan) (ppm)	96		67	
Cation Exchange (me/100g)				
Ca	7.67	Medium	7.12	Medium
Mg	0.88	Low	0.75	Low
K	0.18	Low	0.13	Low
Na	0.14	Low	0.11	Low
Cation Exchange Capacity (me/100 g)	8.31	Low	7.53	Low
Base saturation (%)	>100	Very high	>100	Very high
KCI 1 N method (me/100 g)				
Al .	0.00	Very low	0.00	Very low
Н	0.02		0.02	
Al saturation (%)	0.00	Very low	0.00	Very low

Then, the farmers in Ketep and Banyuroto Villages apply rotation cropping with intercropping that has a high index of counting and cultivation techniques that apply well enough. They use some improved hybrid seed of vegetables (chili, tomato, cabbage), chemical and organic fertilizer, created terraced fields to reduced erosion. Botanical pestisides are developed to reduce the chemicals application. In addition to vegetable crops, farmers grow tobacco in the dry season and strawberry especially in Banyuroto Village.

Some effort needs to be done for the conservation of agricultural land include: 1) the selection of conservation techniques on steep land. 3) the selection of resistant plants in the high rainfall. 4) the selection of conservation of the existing trees on site. 5) placement locations attractions tours that correspond to natural conditions.

3.2. Socio-Economic and Local Institutions

The number of population at Ketep Village is 2235 peoples (586 householders), and at Banyuroto is 3628 peoples (1147 householders). Most of the rural people work in agricutural sector. There are 4 small industries and home industries at Banyuroto, while in Ketep Village there are 1 big industry, 13 medium industries, and $\frac{1}{2}$ 94 home industries [1].

Local institutions that support the development of agritourism in rural areas include of 1) government Local institutions that support the development of agriculturions. Government institutions are divided into a) institutions, of the development of Tourism (April 1997) and the development of Tourism (April 1997) are the development of Tourism (April 1997). gillage, district, and regency, and b) the relevant agencies of Department of Agriculture, Department of Tourism and Culture, Department of Industry and Trade, and Department of Transportation and Planning Agency. Then, an every village of Sawangan District, there is an Extention Worker that advice the farmers. In general, Sovernment officials, agencies in Magelang Regency support the development of community-based agritourism. his is in line with the Department of Tourism and Culture in Magelang Regency planning the development of

The development of highland vegetable farming is supported by various economic institutions for capital. The development of highland vegetable farming is supported by various economic institutions for capital. The development of highland vegetable farming is supported by various economic institutions for capital. The development of highland vegetable farming is supported by various economic institutions for capital. group of women farmers, and business group that goes with guidance from the relevant agencies. Agribusiness germinal Station (ATS) in Sewukan village (located about 2 km from Ketep Village) supports the marketing of gericultural products (Figure 4).

ŭ

(Institut



Figure 4. Agribusiness Terminal Station

Farmer groups in Banyuroto village sufficiently developed from three groups in 2006 to nine in 2009, while the groups in Ketep increased from three to five groups in 2009. There are the providers of seedling and the producer of larmer on agricultural land. Village Cooperatives has grown quite long in Banyuroto and Ketep Village. They also help the marketing of agricultural products. Then, the institutions located in Ketep and Banyuroto Qural communities include of 1) the arts and culture. 2) water management group, 3) religious groups. and 4) sociol gathering.

3.4. Agri-Based Community Development

Focus Group Results Discussion (FGD) with community showed that two rural communities responding positively to the development of community-based agritourism. Moreover, after Prima Tani program that conducted from 2005 to 2009, the number of visitors at the two villages increased for touring or learning about farms with biogas systems, environmentally farming, cultivation of strawberries, and processing of agricultural

Some of the improvements proposed for the preparation of rural tourism are: 1) adequate roads to the village. 2) increase human resources management of agri-tourism in rural areas, 3) increase in cultivation and post harvest technology of agricultural products, 4) increase in marketing, 5) access in capital, 6) addition of infrastructure and public facilities. 7) farm management training, 8) improve cropping pattern and trading that price is not too low, 9) handling of livestock waste to compost.

The results of the sustainability appraisal [2] showed that Banyuroto and Ketep Villages has a good potential for sustainability, especially in social and spiritual aspects, while the ecological aspects show a good stage for toward sustainability. This is a very good basis for the development of sustainable community-based agritourism.

Response tourists interviewed about the development of agritourism shows that most visitors of Ketep Pass (.70%) like the agricultural tourism attractions that are directly involved such as maintenance of plants. livestock, and harvesting.

4. Conclusion

Ketep and Banyuroto Villages have an excellent potential for tourism development with community-based agriculture. The agricultural land is suitable for cultivation of upland vegetables, corn. strawberries, and tobacco Then, social and cultural conditions of the agricultural community with the cultural wisdom applying the principled land conservation just need a little improvement, and local institutions can play a role in the

seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber

RritiR atau tinjauan suatu masalah

management. These conditions are supported by good access and strategic location and near from some tourist

Community and village officials in Ketep and Banyuroto well accepted concept of community-based agritourism development is expected to increase the value added in agricultural systems and increase the Tappreciation in the field of agriculture. Assessment of the sustainability of communities in both villages indicates that the ecological, social and cultural shows a good sustainability.

Evaluation results show that perception and preverence of most customers/visitors enjoying agritourism to participate actively in the process of production of crops, livestock or fish. Moreover, visitors want an improvement agritourism objects, infrastructures, and services.

Thus, community-based agritourism development uncered at the concept of results of rural areas by education, follow agricultural field activities and agro-processing, and enjoy the natural beauty of rural areas by zoning division adjusted to the proximity of the location, time allocation, and combined with the natural

nstitut Pertanian Bogor

- Anonimous, Kabupaten Magelang dalam, Angka/The Statistic of Magelang Regency, 2008,
- References
 [1]. Anonimous. Kabupaten Mag. [2]. [GENT Global Ecovillage N 2009]. [GEN] Global Ecovillage Network. Community Sustainability Assessment. http://gen.ecovillge.org/[February 17th].
 - Anonimous. Potensi Desa Banyuroto/The Potency of Banyuroto Village. 2007
 - Anonimous, Potensi Desa Ketep The Potency of Ketep Village, 2007
 - Subowii Agrowisata meningkatkan pendapatan petani/Agritourism increase farmer income. Warta Penelitian dan Pengembangan Pertanian/ News of Agricutural Research and Development, Vol. 24 No. 1, 2002





Hak cipta milik IPB (Institut Pertanian Bogor)

Hak Cipta Dilindungi Undang-Undang

1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber:

2. Dilarang mengumumkan dan memperbanyak sebagian atau seluruh karya tulis ini dalam bentuk apapun tanpa izin IPB. b. Pengutipan tidak merugikan kepentingan yang wajar IPB. a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah

Published by London Science Publishing Limited Room C, 83 Cressingham Road Reading, RG27RX United Kingdom

ISBN 978-1-907801-14-3

