

Kepada Yth
Ketua Editor Jurnal Manajemen Hutan Tropika
Di –
Tempat

Salam Hormat

Bersama ini kami sampaikan bahwa artikel dengan judul “Penggunaan Lahan Skenario di Hutan Lindung Wosi Rendani (PFWR) Kabupaten Manokwari. Artikel ini belum pernah dipublikasikan dan tidak sedang dipublikasikan pada jurnal lain. Kami sangat berharap bisa dimuat di Jurnal Manajemen Hutan Tropika karena jika dimuat akan banyak disitasi oleh para peneliti dan pemerhati kehutanan danLingkungan terutama orang yang bergerak dalam mitigasi bencana.

Untuk itu mohon arahan dan masukan demi perbaikan artikel. Penulis senantiasa menunggu dan akan memperbaiki sesuai dengan arahan editor dan reviewer sekiranya artikel kami belum lengkap. Demikian atas perhatian dan kerjasamanya disampaikan terima kasih.

Manokwari, 18-12-2015

Hormat Penulis



Mahmud,S.Hut.,M.Sc

EVALUASI LEMBAR

Judul: Penggunaan Lahan Skenario di Hutan Lindung Wosi Rendani (PFWR) Kabupaten Manokwari

Komentar untuk penulis

1. Apakah judul kertas berguna dan tepat?

Saya akan merekomendasikan berubah menjadi sesuatu seperti "Penggunaan Tanah Skenario di Hutan Lindung Wosi

Rendani di Manokwari Kabupaten (Indonesia) "

2. Apakah uraian tentang metode yang memadai untuk replikasi oleh orang lain (jika tidak metode standar)?

Tidak, bab metode tidak memiliki deskripsi daerah penelitian dan metode-metode yang diterapkan. saat ini

hanya mencakup daftar data yang akan dikumpulkan (tapi tidak seberapa) dan beberapa perangkat lunak yang telah digunakan (tapi tidak

untuk apa).

3. Apakah semua tabel dan angka-angka jelas dan diperlukan?

Tidak, lihat komentar dalam dokumen.

4. Apakah diskusi yang memadai?

Hasil dan Pembahasan digabungkan dan tampaknya mencakup ringkasan dari keadaan saat sebuah kawasan hutan lindung dan beberapa saran untuk penggunaan yang lebih berkelanjutan dan perlindungan hutan ini.

Sayangnya sangat sulit untuk memahami karena bahasa Inggris miskin.

5. Apakah ada publikasi penting pada topik yang penulis telah terjawab?

Seluruh literatur internasional tentang topik ini tampaknya hilang sebagai penulis mengutip hampir semata-mata

jurnal dan homepage yang sebagian besar ditulis dalam Bahasa Indonesia indonesia.

6. Apakah ada kesalahan jelas?

Bahasa dokumen tidak cukup dimengerti untuk mendeteksi kesalahan karena tidak mengandung kalimat lengkap.

7. Jika kertas dapat dipersingkat, dapat Anda merekomendasikan bagian mana (s) yang akan dihapus atau disingkat?

Hasil dan Pembahasan saat ini mencakup 14 halaman dan pasti akan perlu dipersingkat. Banyak Hasil diulang beberapa kali.

8. Dapatkah Anda mengomentari keaslian ilmiah dan kegunaan kertas?

Makalah ini tampaknya menjadi baik, ilmiah asli dan berguna karena berhubungan dengan deforestasi dalam

kawasan lindung dan saran tentang bagaimana menggunakan dan mengelola daerah-daerah yang lebih berkelanjutan. Banyak

kawasan lindung di seluruh dunia dan terutama dalam kesepakatan tropis dengan masalah yang sama dan setiap

penilaian seperti penelitian ini adalah karena membantu. Bahkan, jauh lebih karya seperti ini akan menjadi

dibutuhkan.

9. Apa rekomendasi Anda untuk kertas (penerimaan, modifikasi atau penolakan)?

• EVALUATION SHEET

Title: Land Use Scenario in Protected Forest Wosi Rendani (PFWR) Manokwari District
Comments for the author

1. Is the title of the paper useful and appropriate?

I would recommend changing it into something like “Land Use Scenario in Protected Forest Wosi

Rendani in Manokwari District (Indonesia)“

2. Is the description of methods adequate for replication by others (if not a standard method)?

No, the methods chapter lacks a description of the study area and any applied methods. It currently

only includes a list of data to be collected (but not how) and some software that has been used (but not

what for).

3. Are all the tables and figures self-explanatory and necessary?

No, see comments in the document.

4. Is the discussion adequate?

Results and Discussion are combined and seem to include a summary of the current state of a protected forest area and some suggestions for more sustainable use and protection of this forest.

Unfortunately it is very hard to understand due to the poor English language.

5. Are there any important publications on the topic that the authors have missed?

The entire international literature about this topic seems to be missing as the authors cite almost solely

Indonesian journals and homepages that are mostly written in Bahasa Indonesia.

6. Are there any evident errors?

The language of the document is not understandable enough to detect errors as it does not contain any complete sentence.

7. If the paper can be shortened, can you recommend which part(s) to be deleted or shortened?

Results and Discussion currently cover 14 pages and would definitely need to be shortened. Many

results are repeated several times.

8. Can you comment on the scientific originality and usefulness of the paper?

This paper seems to be both, scientifically original and useful as it deals with deforestation within

protected areas and suggestions about how to use and manage these areas more sustainably. Many

protected areas worldwide and especially in the tropics deal with the same problems and any assessment such as this study is therefore helpful. In fact, much more works like this would be

needed.

9. What is your recommendation for the paper (acceptance, modification or rejection)?

• In its current shape I am afraid that I have to recommend a rejection of the paper as it is absolutely

unreadable due to its bad language. However, it seems to deal with an interesting and very important

topic, so I would be delighted to see the paper published in a completely rewritten form later on. If the

English cannot be improved, it would be worth to publish the Paper in Bahasa Indonesia what might even be more effective to reach the local authorities and decision makers.
Additional comments for the author

(You may continue on another sheet if necessary.)

The study really seems to be very interesting and important so please don't give up publishing it. I would however recommend to publish it in Bahasa Indonesia as the English language seems to be the main problem of the document and providing the results and suggestions in a local language might provide a better chance to reach local decision makers. Good luck!

Dalam bentuk saat ini saya takut bahwa saya harus merekomendasikan penolakan kertas seperti itu benar-benar

terbaca karena bahasa yang buruk. Namun, tampaknya berurusan dengan menarik dan sangat penting

topik, jadi saya akan senang untuk melihat makalah yang diterbitkan dalam bentuk sepenuhnya ditulis ulang di kemudian hari. Jika

Inggris tidak dapat diperbaiki, itu akan menjadi layak untuk menerbitkan Kertas dalam Bahasa Indonesia apa yang mungkin

bahkan lebih efektif untuk mencapai otoritas lokal dan pengambil keputusan.

komentar tambahan untuk penulis

(Anda dapat melanjutkan lembar lain jika diperlukan.)

Studi ini benar-benar tampaknya sangat menarik dan penting jadi jangan menyerah mempublikasikannya. saya

Namun akan merekomendasikan untuk menerbitkannya dalam Bahasa Indonesia sebagai bahasa Inggris tampaknya menjadi

Masalah utama dari dokumen dan memberikan hasil dan saran dalam kekuatan bahasa lokal memberikan kesempatan yang lebih baik untuk mencapai pengambil keputusan lokal. Semoga berhasil!

Land Use Scenario in Protected Forest Wosi Rendani (PFWR) in Manokwari District, (Indonesia)

ABSTRACT

This study aims to determine the land-use alternatives on consecutive Protected Forest Wosi Rendani (PFWR) including: 1. PFWR remain protected areas, although the total score of 130. This forest serves to protect soil, water and the danger defence of flooding and landslides. In this region there are a potential springs, caves, and waterfalls that can be developed into eco-tourism and environmental services. 2. Urban forest. With so many people migrate to more hot air, air quality decreases and environmental pollution increases, so the presence of the better urban forest environment and add catchment areas. 3. Community forest. In the region there are plants PFWR forestry, agriculture and fruit, which society can only take flowers, fruits and seeds their planted. d. Region of buffer-. Buffer zone acts as a buffer to reduce the pressure of population on the area around the village area or areas of high interact with integrating conservation and economic interests of the surrounding community. 5. Cultivation and settlement. There are three settlements in the region PFWR namely: Soribo, Kentestar and Ipingoisi, 4 settlements and ownership outside the region PFWR namely: Tanah Merah Indah, Ajoin, Buton, Makobrimob as well as plots of land owned by the developers such as: bank Arfindo, Lumintu, Irman Jaya and Suntari.

Keywords : Policy, land use, scenario, protected forest, Manokwari

Commented [K1]: I would not use abbreviations in the title, explain in Abstract.

Commented [K2]: Most international readers will not know Manokwari.

Formatted: English (United States)

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Commented [K3]: An abstract should be structures like a short version of the paper highlighting the most important findings of each chapter. Start with an introductory sentence, then your main methods (where you did what), your most important results and finally close with a sentence that brings your results in context. After reading this abstract I still have no idea what the study was about. Only that there seems to be a protected forest that strangely also seems to include community forest and settlements what seems a bit wired.

Commented [K4]: wrong word? does not make much sense here.

Commented [K5]: not clear as there should be no land use in protected forests.

Formatted: English (United States)

Commented [K6]: if PFWR is a protected forest, then it would be protected entirely, so there would be no need to investigate remaining protected areas.

Commented [K7]: incomplete sentence.

Commented [K8]: 130 what? m²/km²?

Commented [K9]: either there are springs or there are no springs. the potential of springs is a bit weak to highlight an area.

Commented [K10]: Why should people migrate to hot air?

Commented [K11]: That sentence does not make any sense.

Commented [K12]: move to study site description.

25

26 **INTRODUCTION**

27 Protected forest Wosi Rendani has benefication as the lungs of the city, as well as to maintain
 28 water supplies to meet the needs of water for the city of Manokwari, therefore, it is stated in Governor's
 29 decree No.118/GIB/1969 hydrological mentioned as a protected forest (MoF 2008). PFWR are merely
 30 the appointment by the Governor and the establishment of the Ministry of Forestry has not become a
 31 problem until now.

32 According to Ekawati *et al.* (2011), Protected forest has been concerned both at regional and
 33 international levels in view of the function of the protected forest is so big. However, in some areas
 34 there has been damaged, for example in West Java rate of destruction of 23.341 – 33.951 ha per year
 35 which led to the formation of critical land (Ekawati *et al.* 2010). In 1997 Protected forests in
 36 Manokwari also experienced shrinkage was 300.65 ha to 251.5 ha. The latest data according Forestry
 37 departement (2014) show protected forest Wosi Rendani rest of 88 ha, the area changed into
 38 residential, agricultural, and offices.

39 Determination of conservation in the province of West Papua ~~province~~ is difficult to materialize
 40 if the problems that exist in protected forests and conservation areas not addressed. Sinery *et al.*(2014)
 41 reported that issue of protected forest including: excavation, land grabbing, opening residential areas,
 42 land clearing by burning, shifting cultivation, the loss of a boundary, an enclave (settlements and land
 43 ownership), opening the area for roads, street paving, and soil erosion. Though protected areas serves
 44 to protect water and soil in the region as well as around it. Subarna, T (2010); Pitopang, R (2012)
 45 factors mentioned -that affect the community work the land in protected forest including community
 46 economic pressure, the motivation of people to have a minimum amount of land and forest security
 47 officers.

48 Reality shows that the government is less successful in managing a number of protected areas
 49 and conservation and not just because it is less or not available policies, but rather the inability to

Commented [K13]: irrelevant what happens in Java if your paper is about a forest in Manokwari.

Commented [K14]: cannot find this reference in the literature list.

50 implement a number of policies in addition to the limitations and constraints of the field. Limitations
 51 include knowledge, scarcity of information, personnel lack the skills and poor institutions to manage
 52 the area. Judgments in the protected forest management issues and conservation areas have not
 53 received a positive response from the public.

54 Protracted problems in PFWR government must be immediately established land use status. This
 55 study aims to determine the land use alternative of protected forest Wosi Rendani Expected from this
 56 study into consideration local and central government to immediately determine the status of the
 57 definitive order status becomes clearer and more focused management.

58 METHODS

59 Research has been conducted in the soil laboratory, planning and forest management laboratory,
 60 conservation and environmental laboratory and region Wosi Rendani Forest Preserve District
 61 Manokwari. Data needed include: land units the number of villages, community identity, the benefits of
 62 plants, the potential PFWR species of plants (trees, horticultural, MPTS) Materials used are PFWR
 63 maps, thematic maps, soil sample results of field surveys arc set of computers with GIS 3.3 software,
 64 microsoft office and QSB, GPS, soil test kit, field tools and stationery.

65 Data collected-, both primary and secondary data, are analyzed by using descriptive, quantitative
 66 and tabulation. Determination of the suitability of land for protected areas was based on the decision of
 67 the President No. 32 of 1990 on the management of protected areas, criteria and procedures for the
 68 establishment of protected areas and government regulation nu. 44 of 2004 on forest planning. Referral
 69 land conversion is based scoring result of each unit of land. Parameters considered land slope (weight
 70 20), for the type of soil and erosion sensitivity (weight 15) and -rain intensity (weight 10). The result is
 71 a direction function of the area (spatial) ie a total score of >175 into the area protected function, a total
 72 score of 125-175 into a buffer zone and a total of <125 into the area of cultivation and settlement.

73

Commented [K15]: what is a "land use status"?

Commented [K16]: Well, if it is a protected forest, there should not be any land-use, so it seems to be pointless to look for alternative land-uses. Sadly it seems that even if the forest has the official status of being a protected forest, illegal deforestation leads to an immense loss within the official protected area. Therefore the aim should not be to look for land-use alternatives what would be illegal as well, but how to stop illegal deforestation within a protected forest.

Commented [K17]: First explain where you worked (description of study site: where is the forest locate, how big is it, which climate, which vegetation type etc.) and then you can add which labs you used if necessary. If you want to mention the labs, you would need to add which analyses you carried out there.

Commented [K18]: this is a very chaotic mix of data that needed to be collected (without explaining how they were collected), sources that were used and used software.

Commented [K19]: using tables is not a method, it's just an arrangement of your data – what are primary and secondary data???

Commented [K20]: What does that mean (see also below)?

Commented [K21]: ?

74

75 **RESULTS AND DISCUSSION**

76 Government policies that do not favor the PFWR impact on deforestation and forest degradation.

77 Policies- Esau Sesa -by opening of a new road at the beginning of 1990 in east PFWR, caused damage

78 and a decrease in forest areas such as Table 1 .

79

80 **Natural potential** PFWR natural potential areas such as: caves, springs, waterfalls, flora and fauna

81 (Tables 2 and 3). Flora on PFWR including native and exotic (Table 3) there are also animals such as

82 wild boar, possum, squirrels, bats, birds, reptiles, and insects. This cave is classified as very beautiful

83 where the cave exit taps springs are utilized as a source of water. At the mouth of the cave installed

84 four pipes, each two pipes to taps and other plumbing for local communities. Water discharge exploited

85 for PDAM currently only 10 L/s when the entire water flow can reach 448 L / sec .This cave is shaped

86 like an eye, with a width of cave 6 m, height of 3 m with long cave 500 m.

87 After entering the cave will be surprised by the size of the larger area, the width of 8m, height 6

88 m with the number on the wall above the cave stalagmite. In Goa too many drops of water from the top

89 wall (stalagmite) and hardly stalactite, probably due to the rapid discharge of the cave. Droplets of

90 water from the cave wall is what will add and maintain the flow of water from the cave. Regions that

91 are in HLWR cave should remain protected so that springs out of the cave is not reduced. -There are

92 three waterfalls nearby, width between 2 - 3m with and high waterfall 2 m. This waterfall is very crisp

93 and clear making it suitable for bathing for tourists who visit. 3rd waterfall in the adjacent location of

94 this future can be developed into objects and tourist attraction -on a limited basis. Objects and tourist

95 attraction -development of protected forest waterfall Rendani suitable Wosi is Ecotourism, where the

96 number of tourists -set timing, amount, and the visiting group is limited. -In the region there are three

97 locations HLWR spring, so this is a material consideration HLWR appointment by decree of the

98 Governor of West Irian Jaya Number: 118 / GIB / 1969 serves as a hydro-orologis, namely the

Commented [K22]: ???

99 prevention of erosion, regulating the water system and maintain soil fertility. According PDAM Kab.
100 Manokwari there are 12 locations springs are used as a source of water supply for the city of
101 Manokwari, 3 of them in HLWR, such as springs Rendani 1, 2 Rendani springs and cold springs times.

102 **Type of soil** The type of soil is a red-yellow podzolic HLWR / ultisol. This soil type has
103 characteristics: highly leached soil, the parent material in the form of siliceous sedimentary rock, marl,
104 sandstone, clay and stone. Podzolic soil / ultisol is soil with argillic horizon or kandik acidic with a
105 low base saturation. This land is generally grown from the old parent material, are found in areas with
106 clay rock parent material. Ultisol land is a vast area in the world that still remains to be developed as an
107 agricultural area. Water in the soil is generally reasonably available because it is located in areas of
108 high rainfall and a primitive peasant farming areas. PFWR society in the region even though the usual
109 practice shifting cultivation soil physical and chemical properties that are not good. According
110 Harjowigeno (2010) ultisol soil type usually gives a good production in the first few years, for nutrients
111 in surface soils collected through biocycle process has not been exhausted. The use as forest soil
112 fertility can be maintained because the recycling process. Bases are leached into the underground part,
113 absorbed by the roots of forest plants and returned to the surface through autumn leaves. When forests
114 are cleared, then the annual crops or weeds are not able to recycle bases (nutrients) because the roots
115 are not deep.

116
117 **Topography** Circumstances rather steep topography affects the amount of rainfall, air, temperature and
118 wind speed. A striking difference in topography will result in differences in the amount of rainfall and
119 generally a higher place much rain but the air temperature is lower, while the low places sometimes
120 rain rather low and somewhat high relative temperature (Asdak C.2004). Precipitation that falls on the
121 area a bit steep to trigger erosion and landslide if an area is open both to agriculture and settlement. The

Commented [K23]: autumn in the tropics...?

Commented [K24]: ? what is this? Incomplete literature?
a measuring device?

122 rain that fell in open areas such as settlements and agriculture would easily water until the soil surface.

123 Energy rainwater will solve the larger soil aggregates / chunk of land.

124 Topography on the north side which has a steep slope (25-45%) after a 320 m (7-11 observation
125 point) of the boundary markers HLWR. While classified as very steep (> 45%) after 500 m (the
126 observation point 17- 24) of the boundary markers. After the observation point to 24 obtained Soribo
127 village. Topography in the middle which has a steep slope (25-45%) after 200 m (the observation point
128 4), temporarily classified as very steep (> 45%) after a 600 m (point of observation 20-22) of the
129 boundary markers. To the south side only 10 observation points, given after the 10th entry point Mako
130 Brimob region. The south side of the steep topography (25-45%) after a 1600 m (observation point 3-5)
131 of the boundary markers PFWR_(Sinery et al., 2014) . So that the overall topography on Protected
132 Forest Wosi, slope value of 21.19% was classified as grade 3 rather steep slope.

133 **Rainfall** Rainfall is the input of water on Earth's surface. The distribution and intensity of rainfall
134 effect on soil absorption. At the beginning of the rain, the water will be easily absorbed by the ground,
135 but if the rain had saturated water will flow on the surface of the soil to the flat slope of a particular
136 place. Is based on climate data from the central station Meteorological and Geophysical Institute of
137 Meteorology station V region of class III Manokwari average rainfall for 20 years end the period 2003-
138 2012 amounted to 46 259 mm. The highest rainfall in 2012 amounted to 3288 mm, while the lowest
139 rainfall in 2003 amounted to 1 472 mm, the average rainfall of 2312.95 mm. The highest rainfall
140 intensity in 1994 amounted to 17.97, its lowest in 2008 and 2010 at 7.2 while the average rainfall of
141 12.86.

142 Precipitation that falls on the forest area different from the area awakened. Forest is one factor
143 that plays an important role in the water cycle, namely precipitation returns to the air either an
144 interception evaporation or transpiration. In addition to the forest of water that reached the land covered
145 by trees next rain water will be: Direct evaporated and reverted to the atmosphere, Interception

146 (restrained by a canopy which would then be evaporated into the atmosphere), Up to the ground either
 147 through droplets leaves or twigs (troughfall) and flows to ground through the trunk stream.

148 **Perceptions and attitudes** PFWR -an asset both by society and government. -Of the 36 -respondents
 149 who have a positive perception of the people interviewed (64.17%) in the management of local
 150 community-based and only a small portion neutral / not responding (10:56%) and negatively
 151 perceptions (25.27%). -Perceptions -respondents positively by 64.17% to local community-based
 152 management. This is due to the location of protected forests are located around residential communities
 153 and local entrants. Owners of customary rights protected forests damaged realized suppose landslides,
 154 it will cause damage to land, forests and the environment for the local community and surrounding
 155 areas. During this PFWR enormous benefits as a kitchen / living where they can be fished both
 156 agricultural crops and fruits. Thus the people consciously maintain and protect and to participate if the
 157 government held GNRHL / reforestation.

158 Only 10.56% of respondents expressed a neutral / not comment on local community-based
 159 management. The reason they do not provide an answer, may not understand the question in detail,
 160 education levels are low and do not care about PFWR. While the negative perceptions as much as
 161 25.27% of the local community-based management. The group that disagrees especially those
 162 headmen, chiefs and educated society. They argued that there should be a protected forest land
 163 compensation to owners of customary rights / chiefs. Chiefs / customary rights owners feel
 164 marginalized by the presence of migrants from Java, Sulawesi, Ambon, Sumatra and Borneo.

165 Rules or regulations in this area PFWR for almost nothing, whereas in the letter of appointment
 166 by the governor of West Irian Jaya has made an announcement that it was announced that since the
 167 announcement was published, it should not be disturbed forest / prohibited from illegal logging or
 168 plantations and so on another. This -announcement may be only temporary, given the designation
 169 PFWR just not the determination by the Minister of Forestry. The announcement according community

Commented [K25]: interviews were not mentioned in the methods.

Commented [K26]: ???

Commented [K27]: ???

Commented [K28]: West Papua?

170 just the wind, this proved the existence of protected forest encroachment that began in the fall of 1998.
 171 Since -Sueharto president 1998 years -until here protected forest degradation and deforestation from
 172 the 300.60 ha become 88 ha.

173 Results of interviews with people, wanting not compensation customary rights to PFWR. The
 174 desire is not impossible given the extensive PFWR initially only the remaining 88 300.65 ha-~~ha~~, so that
 175 212.65 hectares has been bought and sold by chiefs / owners of customary rights. Most masyarakat /
 176 respondent refused if customary rights released voluntarily. At the beginning of the appointment as
 177 PFWR by the Governor of West Irian Jaya-Papua was signed by both owners of customary rights /
 178 chieftain namely Jakop Mandacan and Jakonias Mandacan, they only finished SR/elementary school.
 179 Elementary school for their offspring it is still low and still traditional patterns of thinking, so suppose
 180 there is now a designation and determination PFWR there should be compensation. Therefore protected
 181 forests not only belong to the government but to all of society, including local communities and the
 182 owners of customary rights. Now onwards protected forests should be managed actively involve the
 183 community and do not give a compensation -customary rights. The public are invited to preserve,
 184 protect and maintain forests by planting forest trees and fruits that result they learned to owners of
 185 customary rights and their descendants.

186 **Alternative land use PFWR** Appropriation of land is an effort in planning the use of land in an area
 187 that includes the zoning for the specialization of certain functions, for example functions of settlements
 188 , commerce, industry, protected -areas-, conservation areas-, fields, farms, plantations-, airports etc .
 189 Plan of land use is strongly associated with the potential to use the land supporting so that no disasters
 190 such as floods and landslides-. Five important alternative land use in PFWR namely:-

191 1. Protected forest

192 a. The springs

Commented [K29]: ?

193 PFWR potential in the region include: springs-, land-, environmental services and flora and fauna-.
194 Although the results of field studies obtained a total score of 130 should be a buffer zone-, but refers
195 to the early establishment of protected forests as protected forest Rendani Wosi hydro - orologis by
196 decree of the Governor of Irian Jaya Barat dated August 15, 1969 Number: 118 / GIB / 1969. As
197 early history determination, Manokwari city hit by drought, while in the area there are four springs
198 as -shown Table 2.

199 b. Ecotourism and Environmental Services

200 Environmental services is a natural product of the total area of protected forest as beautiful panorama,
201 clear water, cool air, fresh and clean. In PFWR has potential environmental services / ecotourism such
202 as waterfalls, ponds, springs, and caves. Customary rights owners and their families are invited to
203 promote a clear and perceived by the entire community. The promotion involves: object tourist
204 attraction, available facilities, accessibility and information other tourist objects adjacent to the location
205 (Ngadiono, 2004).

206 a. Waterfall

207 The owner and his family were invited to manage the waterfall that starts from the planning,
208 the use of up to scrutiny. Management falls under the authority of the tourism department- in
209 Manokwari district. Currently there are only waterfall in the area Prafi which is located quite far,
210 while in the city there is a waterfall of course there must be better promotion through written media,
211 print, radio, television and the tourism bureaus.

212 b. Pond

213 Natural pools in the city are only found in PFWR. Currently the pool is only used by the local
214 community to swim and wash clothes. There is an appeal and had no boxes for swimming and wash
215 clothing in order to pay modest. However, if it is well managed with the involvement of the

216 customary communities -visitors / more and more tourists visit that will add to the welfare of the
 217 community and local government revenue.

218 c. Cave

219 Cave~~s~~ can be made ecotourism. Ecotourism is a form of tourism very closely with
 220 conservation principles. Thus ecotourism extremely precise and efficient in maintaining the
 221 integrity and authenticity of the ecosystem in the area pristine. Even with ecotourism nature
 222 conservation can be improved because of the pressure and the demands of nature lovers. If the cave
 223 and waterfall has been known and in demand, the local community will be busy to provide a
 224 parking area, a variety of food, crafts, a tour guide, traditional -and no less important visitors
 225 coming be charged. Because visitors will be interested in the care and services that are still natural.
 226 Thus the local community will be economic empowered and increased_(Ekawati *et al.*2011;
 227 Kitamura 2013) Similiarly, (Yeni I *et al.* 2007) increased income-,_economic growth community
 228 sustainable.

229 **2.Urban Forest** In accordance with Regulation Nu.47 of 1997 years -on the national spatial plan then
 230 PFWR can be specified as a town forest with consideration:

- 231 1. In the region there PFWR residential areas, including: the village Ipingoisi, Kentestar and Soribo and
 232 outside the area of the village such as: Tanah merah indah, Ajoji, Buton and Mako Brimob region.
- 233 2. In the protected forest area there are many multi-layered structure and stratified (Table 3). Dahlan
 234 (2004) -the city built the structure of the forest stand should be a multi-layered and stratified
 235 vertically or horizontally as well as natural forests.
- 236 3. The forest is located within the city / around town and just 5 km from the district capital and
 237 provincial cities.
- 238 4. PFWR formed from a compact plant communities at a waterhole, shaped path or a combination of
 239 compact shape and form lines.

240 5. Type in PFWR plant is endemic, introduce and exotic types like: *Pometia sp, Intsia sp, Octomeles*
 241 *sumatrana, Dixoxylum sp, Pimeliendron, Pterygota sp, sp Elaeocarpus, Palaquium sp,*
 242 *Spatudera, Celtis sp, Evodia sp., Tectona grandis, Cananga sp, Albizia falcataria and Calyandra*
 243 *sp.*

Commented [K30]: same

Commented [K31]: if you merge endemic and introduced plants this list makes no sense.

Commented [K32]: most of them are not identified to species level, so how could they possibly be endemic unless you would have an endemic genus?

244 6. In addition to the forest plant species have been and continue to be developed -of fruits in accordance
 245 with the plan of the head of the Forest departement district Manokwari. Manokwari as a city of
 246 education and fruits will be realized if all elements of society to support and PFWR besides there
 247 forestry crops of fruit, so that future abundant fruits Manokwari.

248 Referring to the Regulation Nu. 63 of -2002 years urban forest -aims include improving and
 249 maintaining the microclimate and aesthetic value, absorb water, creating balance and harmony of the
 250 physical environment of the city and supporting biodiversity. It is possible once PFWR as urban
 251 forests, because Maenokwari as the capital of the province of West Papua, many people coming to
 252 Manokwari as well as from Java, Sulawesi, Kalimantan and even of Sumatra.

253 With PFWR maketh the urban forest, Manokwari climate becomes cooler, high carbon
 254 sequestration and air quality remains good. Manokwari society exodus to make forested land to be
 255 reduced, because the government and many people who build houses, offices, factories, businesses,
 256 markets etc. Thus still have a forest in the city will add to the beauty of the city of Manokwari, water
 257 catchment areas and biodiversity.

Commented [K33]: ?

258 Starting -in 2002 until 2013 the city of Manokwari often flooded and the largest in 2012. The
 259 views emerging from the rainfall and the opening PFWR. Since the year 2013 until now flood-stricken
 260 areas on the wane, because of the strict prohibition of felling trees and building on PFWR. Protection
 261 Forest Wosi Rendani which has a total score of 130 and 210 m sea above level have a very high threat
 262 in case of rain. Moreover, if the forest is cut down and used as settlements, of course, there will be
 263 runoff, soil removal, and increased water discharge at 3 rivers in PFWR. For that to PFWR made

264 urban forest, then that should be water flowing on the surface of the soil, the water will seep into the
 265 soil, the soil remains in place and the water discharge is relatively stable so that no flooding.

266 **3. Community Forest** Forestry development paradigm has now changed from wood to ecosystem-
 267 oriented outcomes that emphasize community-based forest management (Devi I.N. et al., 2010;
 268 Nughoho, 2011). This approach has put the community to manage and maintain the existence of the
 269 forest. Hansen (2011) that strengthening local communities rights is part of reform forest management
 270 policy. Similarly, Larson (2010) said that recognition of indigenous peoples may be implicated in
 271 strengthen local community rights. Strong capacity (Anderson et al, 2013; Kitamura et al. 2013) is one
 272 of important indicators in achieving sustainable forest governance. With accommodate community
 273 activities in the forest, planting crops such as multi-use (MPTS), the better the local economy.
 274 Community forest is state forest utilization primarily intended to deceive the local community through
 275 the optimal use of forest resources, equitable and sustainable while maintaining the sustainability and
 276 environmental functions of forests (Regulation No: P.37 /ministry of forestry-II / 2007). From the
 277 above purposes allows PFWR be a community forest, given that there are many types of forestry
 278 (endemic and exotic), fruits and medicinal plants Table 3.

279 According to Sinery *et al.* (2015), medicinal plants used by the local community as much as 20
 280 types PFWR to treat 21 types of diseases. Diseases that can be treated include: sugar, ulcers, high blood
 281 pressure, pneumonia, malaria, warts, kidneys, low blood, rheumatism, gout, cancer, blurry eyes, itchy
 282 pig, an arrow wound, discard the dirty substance, diarrhea, issued Blood dead, spine, kidney stones,
 283 strengthen stamina and strengthen hip. Various types of plants such as Table 3, some have grown and
 284 others grow wildly. Since PFWR be designated protected areas, have been planted various types of
 285 stands introductions such as *Tectona grandis*, *Cananga sp*, *Albizia falcataria* and *Calyandra sp* etc.
 286 Horticultural cultivation, non-timber forest products and multi-purpose tree species ~~has~~ been and
 287 continues to be developed (Table 3). In 2012 the Department of Forestry Manokwari district provide

288 free fruit species grafting, which is expected to rapidly plant fruit, sweetness and quickly sold on the
289 market.

290 Communities inhabiting in villages PFWR such as Ipingoisi, Kentestar and Soribo village and
291 out area such as Tanah merah indah, Ajoin, Buton village and Makobrimob areas. This society can only
292 take non-timber forest products such as fruits, flowers, rattan, bamboo, honey, sap and fungi. With only
293 take non-timber forest products of forest preservation and the environment will be maintained.

294 **4. Regions of buffer** The results of field studies PFWR obtained a total score of 130 should be as a
295 buffer zone. Buffer zone acts as a buffer to reduce the population pressure on the area around the
296 village areas or areas of high interact with integrating conservation and economic interests of the
297 surrounding community.

298
299 The total score of 130 (Table 4) then actually PFWR not as protected forest but the forest that
300 serves as a buffer / limited production forest. The function of the buffer zone can be realized optimally
301 with the management of environmental services, and the economic value of land conservation
302 community, through the rehabilitation of degraded land in a system of community forestry, community
303 forests or agricultural forestry. Model of development and management based on ecological, economic
304 and social culture around the area of the buffer zone in the form of the division into zones. Forests
305 sustainable its life support (buffer) then its role becomes critical when the environment changes starting
306 from shifting and friction between species in the forest community (Sinery, et al., 2015).

307 The buffer zones very important role for the preservation of nature reserves and conservation
308 areas. As a buffer to reduce the population pressure on the area around the village areas or areas of
309 high interaction by integrating conservation and economic interests of the surrounding community.
310 PFWR buffer zone function can be optimally realized through the management of environmental
311 services, and the economic value of land conservation community, through the rehabilitation of
312 degraded land in the system of community forestry, community forests or agricultural forestry. Model

313 development and management based on ecological, economic and social culture around the area in the
314 form of a buffer zone division into zones.

315 Zoning in PFWR later divided into three, namely-: green lane, interaction lanes and cultivation
316 area. The composition of plant species that are developed in each track adapted to the distance from the
317 boundary, zoning, and land so as not to impact on the region. Development of food crops, vegetables,
318 fruits, medicines and timber in agricultural forestry systems have economic value and ecologically
319 integrated manner to preserve the genetic resources of plants and wildlife and the conservation of land
320 and water. Cahyana GH (2011) show forests very important role in human and animal life that can be
321 understood from the hydrological cycle. The essence is to guard the equilibrium -human life -forests
322 and other living things are also influenced by the creature abiotic. Functions that can be achieved if the
323 forest is maintained continuity. Another fact, according to The World Bank, 900 million people in 100
324 countries face the problem of desertification (forest desertification) caused by complex interactions
325 among physical factors, biological, political, social, cultural and economic factors with a loss of US \$
326 42.3 billion per year. Allegedly, in 2025 later desertification will be felt by 1.8 billion people. Because
327 since 1960 more than 1/5 of tropical forests disappear and the rate of loss of tropical forests in the
328 1970s amounted to 11.3 million ha/years increased to 15.4 million ha/ years in the 1980. In Indonesia,
329 according to the International Union for Natural Conservation (IUCN), the destruction of forests in
330 Indonesia reached 2.4 million ha / year and now lived 70 million hectares, or only 50% of it.

331 **5. Cultivation and settlements** Regulation -nu. 24 of 1992 on Spatial planning stated that in general
332 the use of land is divided into two, cultivated area and non-farming-, PFWR villages in the area are
333 listed in Table 5.

334 At the pace of population growth in the city of Manokwari impact on the emergence of new settlements
335 included in PFWR. This settlement originated the opening of a new road east Esau Sesa Forest
336 Preserve Wosi Rendani, because long road must pass through the airport Rendani. There are three

337 settlements in the region such PFWR: Soribo, Kentestar and Ipingoisi. 4 settlements and land
 338 ownership outside the region PFWR namely: Tanah merah indah, Ajoin village and Makobrimob areas
 339 as well as plots of land owned by developers such as: bank Arfindo, Lumintu, Irma Jaya and Suntari.

340 Surprisingly settlements and land ownership has been certified. Thus, it means the local
 341 government seemed to favor the shift PFWR be a settlement. By him that because of land ownership
 342 that have been certified so hard to be returned to forest conservation. Whereas change land use
 343 decreased land cover will be their implications to carbon dioxide emissions –climate change and
 344 biodiversity (Basyuni M. et al. 2015; Prasetyo L B, 2013). Similarly land use change from natural
 345 forest to agricultural are proved to have detrimental effect on ecosystem function of dung beetles
 346 especially dung burial activity (Shahabudin, 2011).

347 PFWR area has been used for farming, shifting cultivation and settlement. Types of crops grown
 348 include: jackfruit, olive, durian, mango, duku, bananas, serei, corn, chili, tomatoes, melinjo, breadfruit,
 349 sweet potato, cassava, banana, peanut, turmeric, ginger and others (table 3). PFWR to serve as the
 350 cultivation and settlement is the most bitter land use, given the problems of this land is sour reaction,
 351 high Al content so that it becomes toxic plants and cause fixation P, and low nutrient content. –If it
 352 PFWR changed into cultivation area necessary measures to reduce the acidity of soil liming, fertilizer
 353 to increase the content of nutrient elements.

354 According to Nusan S. *et al.* (2012) shortage of one nutrient elements will lead to growth and
 355 development are not normal, the impact on the decrease of production and quality results. Proper
 356 management by applying soil and water conservation technologies, such as terracing, alley cropping,
 357 making of mounds, –compost, agricultural forestry, circle of crops etc. According Asyerem, F et al
 358 (2012) Compost use other than as a nutrient for plants can also increase resistance to pathogens.
 359 Compost is also a good substrate for a number of microorganisms growth biological agents so that the
 360 application of compost into the soil can reduce plant pathogen attack. Settlement also includes offices

Commented [K34]: always use/add scientific names in international publications. Several of the names are not even English but Indonesian names that will provide no information to most international readers.

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361 are included in Protected Forest Area Wosi Rendani approximately 86 houses or buildings, with details
362 as follows: Around the time of the Cold to the gas station as much as 38 home / building. About the
363 location of the gas station to the river Rendani as much as 33 home / building. Rendani about new
364 roads as much as 4 houses / buildings around the road Makobrimob as much as 11 home / building.

365 Residential areas and garden area - the new garden growing in line with the increase in
366 population in the city of Manokwari. From the results of the inventory and identification of boundaries
367 on the ground around a new path mostly residential community already has a certificate or proof of
368 land ownership, this is incompatible with the function Protected Forest Wosi Rendani. To anticipate
369 the development of settlement and clearing gardens by the public or by a person who is not responsible,
370 so as not to enter the region need delineated, reconstruction coordinate and coordination between
371 relevant agencies. Involve leaders - community leaders or heads - chieftain related directly with forest
372 protected Wosi Rendani. In order for the future of protected forests remain sustainable, it is necessary
373 to the determination of the area by the Ministry of Forestry and Agriculture, so that it gets stronger
374 legal certainty and clear presence.

375 Besides PFWR as agricultural land, settlements are another problem that the loss of boundary
376 markers. Number of boundary markers as many as 150 pieces are entirely composed of the outer limits
377 of 11 pieces -and enclave boundaries as much as 32 pieces. Many were lost due to boundary markers
378 land evictions and land clearing for human settlements in the location of new roads, the complex
379 Makobrimob and land plots. This is due to the settlement and the opening of agricultural lands by
380 communities around forest areas are presented in Table 6.

381 **Clearing and shifting cultivation by burning** Papuan society has become a habit in the open area of
382 new land by way of clear-cutting and then burned. Burn shifting cultivation with potentially damaging
383 forests and fields of research Ernawati (1996) on the Mansinam island intensity of deforestation and
384 land gained by 7.47% (25.75 ha). Getting damaged due to forest lands that have been opened are left

385 alone without any effort to conserve the soil. Fallow land (break) for 3-10 years until the land to grow
386 shrubs. The cropping pattern thus not only destroy the forest, but also has threatened Forest Preserve.
387 Clearing of forests and uncontrolled land have caused damage to soil, water or air. Damage suffered on
388 the ground where erosion occurs in the form of a setback properties such as chemical and physical soil
389 nutrient losses, increasing the density and soil penetration resistance, decreasing soil infiltration
390 capacity and ability to hold water. In 1991 there were 400,000 hectares of critical land caused by
391 shifting cultivation (Department of Forestry, 2009)

392 **Conclusion**

393 The most important land use scenarios on PFWR row, including: 1. PFWR remain protected
394 forests, although the total score of 130. This forest serves to protect the soil, water and the danger of
395 flooding and landslides. In this area there are potential springs, caves and waterfalls that can be
396 developed into eco-tourism and environmental services. 2. Forest city. With so many people migrating
397 into more hot air, decreases air quality and environmental pollution, so that the urban forest
398 environment is getting better and add water catchment areas. 3. Community forest. In the region there
399 are plants PFWR forestry, agriculture and fruit, which society can only take flowers, fruits and seeds
400 that they planted. 4. Regions buffer. Buffer zone acts as a buffer to reduce the population pressure on
401 the area around the village areas or areas of high interact with integrating conservation and economic
402 interests of the surrounding community. 5. Cultivation and settlements. There are three settlements in
403 the region such PFWR: Soribo, Kentestar and Ipingoisi, 4 settlements and holdings outside the region
404 PFWR like: village of Tanah merah indah, Ajoin, Buton, Makobrimob area as well as plots of land
405 owned by developers such as: bank Arfindo, Lumintu, Irma Jaya and Suntari.

406 **Suggestion**

407 Local and central government immediately establish the definitive status of the PFWR so that
408 management is more clear and focused.

409

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Commented [K36]: Remove all those abbreviations from literature list.

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- 480

481 Table 1. Deforestation and degradation PFWR

Years	good(ha)	Damaged (ha)	Description
1969	331,780	--	In the map results are not reflected boundaries Residential areas-, gardens etc.
1991	321,28	10,50	Based on the report on the activities of the minutes of the forest community garden
2003	255,04	76,74	Based on land cover maps overlaid with a map of the results of 2003 year
2008	88,19	243,59	Based on the results of bounds by the Department of Forestry orientation Manokwari District in 2008
2014	86,24	245,54	Based on field data obtained by the research

482 Source: MoF 2014

483 Table 2. Potential sources of water on PFWR
484

Sources	Elevation	Debit utilized PDAM (L/det)	Debit available (L/det)	Debit utilized people (L/det)	Debit not utilized (L/det)
Sources Kali Dingin	7	30	206	-	176
Sources Rendani 1	46	10	15	-	5
Sources Rendani 2	74	10	448	3	435
Sources Kali Kentek	8	-	96	11	85
Total		50	765	14	701

Commented [K37]: Most people will not know these names/sources, so it would be important to indicate what it is (river, spring, etc.).

Commented [K38]: what does that mean?

485 Source: PDAM, 2013

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498

499 Table 3. Plants endemic species, introduce, exotic and horticulture

endemic Species endemik	introduced Species introduce & exotie	Horticulture Fruit trees	medicinal plants
<i>Pometia sp.</i>	<i>Intsia sp.</i> , <i>Octomeles susmatrana</i> , <i>Di-xoxylum sp.</i> , <i>Pimeli dendron sp.</i> , <i>Pterygota sp.</i> , <i>Elaeocarpus sp.</i> , <i>Palaquium sp.</i> , <i>Spatudera sp.</i> , <i>-Celtis sp.</i> , <i>Evodia sp.</i> , <i>Tectona grandis</i> , <i>Cananga sp.</i> , <i>Albizia falcataria</i> dan <i>Calyandra sp</i>	Jackfruit, Olive, Durian, Mango, Duku, Bananas, Serei, Corn, Chili, Tomatoes, Melinjo, Breadfruit, Sweet potato, Cassava, Banana,	<i>-Imperata cylindrica</i> , <i>Piper aduncum</i> , <i>Smilax sp.</i> , <i>Psidium guajawa</i> , <i>Glocidium sp.</i> , <i>Philantus reticulatus</i> , <i>Archagelesia flava</i> , <i>dianela ensifolia</i> , <i>Fhotos scandes</i> , <i>Adenanthera pavonia</i> , <i>Morinda citrifolia</i> , <i>Oriochiderubescens</i> , <i>callophilum inophilum</i> , <i>dendrocnide macrostigma</i> , <i>Inocarpus fagifer</i> , <i>Ficus septica</i> , <i>Ficus nodosa</i> , <i>Lunasia amara</i> , <i>Alstonia scholaris</i> , <i>Endospermum moluccanum</i>

Commented [K39]: are you sure that you mean endemic species or just native species???

Formatted: German (Germany)

Commented [K40]: without having this identified to species level you cannot know if it is endemic.

Commented [K41]: use scientific names!!!

Commented [K42]: many of them are introduced and even invasive, so they should also be listed in the introduced column. The same is true for the fruit trees.

500 Sources: Sinery, *et al.* 2015

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Table 4. Referral land use on PFWR

Criteria	The results	class	weight	Score
Slope (%)	21,9	3	20	60
The type of soil	Podsolik /ultisol	4	15	60
Rain intensity (mm/hh)	12,86	1	10	10
Total				130

Commented [K43]: The scoring system is not explained anywhere in the text so that the table alone does not make much sense.

504
505
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Table 5. Villages are included in the Forest Protected

Village	Village Head	Area (Ha)	Point coordinates
Soribo	Kristian Mandacan	± 4	00° 52' 26,7" LS 134° 02' 24,3" BT
Kentekstar	Daud Mandacan	± 4	00° 52' 06,4" LS 134° 02' 03" BT
Ipingoisi	Panus Mandacan	± 4	00° 52' 33,2" LS 134° 02' 30,3" BT
Total		± 12	

Commented [K44]: Might be nicer to replace this with a map showing the protected are and the villages inside.

508 Source: Forestry Department 2014

509
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Table 6. Protected Forest boundary markers Wosi Rendani

Location	Between pal Nu. s/d Nu.	missing	good	Description
The new road Wosi Rendani	HL/26 s/d HL/54 and HL/55 s/d HL/58	29	20	Land eviction
Makobrimob	HL/59 s/d HL/62	-	4	Land eviction
Kali Dingin	HL/63 s/d HL/84	4	22	Eviction Ground
Western Forest Protected	HL/1 s/d HL/25	21	25	Revoked
Arround Rendani	HL/85 s/d HL/119	-	35	
Total		54	96	

Commented [K45]: unclear what information is provided in this table. If it is about forest boundaries better replace it by a map.

Source: Forestry Departement, 2014



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Mon, Sep 19, 2016, 9:19 AM ☆ ← ⋮

Dear Pak **Mahmud**,

Berikut terlampir hasil review naskah dari Reviewer.

Harap Perbaikan dilakukan pada naskah microsoft word terlampir dengan menggunakan fasilitas track changes. Demikian kami sampaikan atas kerjasama Bapak diucapkan terima kasih.

Salam,
Linda Zakiah S
Sekretaris JMHT

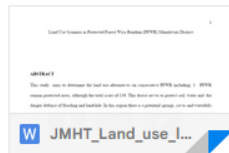
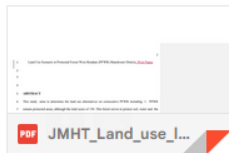
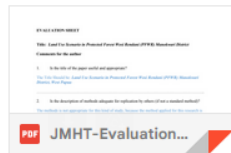
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Academic Ring Road, Campus IPB Dramaga, PO Box 168, Bogor 16680

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3 Attachments • Scanned by Gmail





mahmud mug <mahmud_thia@yahoo.co.id>
to me

Sat, Oct 1, 2016, 8:28 AM ☆ ↶ ⋮

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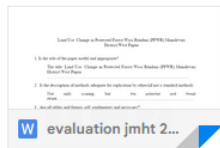
[Turn off for: Indonesian](#) ✕

Dear to
Pengelola JMHT IPB
(Linda Zakiah)

Dengan Hormat

kami bersama tim telah memperbaiki judul, metode dan result. Mohon sekiranya jika ada perbaikan dari reviewer kami akan senantiasa memperbaiki. terima kasih atas perhatiannya.

2 Attachments • Scanned by Gmail ⓘ



JMHT [IPB] <jmht@apps.ipb.ac.id>
to mahmud

Tue, Oct 4, 2016, 2:23 PM ☆ ↶ ⋮

Dear Bpk **Mahmud**,

Baik Bapak terima kasih perbaikan Bapak telah kami terima dengan baik dan telah kami kirimkan kembali kepada reviewer.

Salam,
Linda Zakiah S
Sekretaris JMHT

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Go to PC settings to activate Windows.



JMHT [IPB] <jmht@apps.ipb.ac.id>

to mahmud

Wed, Nov 9, 2016, 10:59 AM

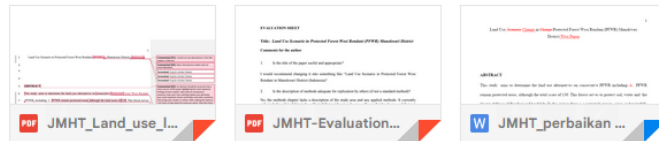
Dear Bpk **Mahmud**,

Berikut terlampir hasil review dari reviewer 2, Mohon perbaikan dapat digabungkan dengan hasil review 1 yang telah bapak lakukan koreksian pada tanggal 1 Oktober.

Demikian kami sampaikan atas kerjasama Bapak diucapkan terima kasih.

Salam,
Linda Zakiah S
Sekretaris JMHT

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JMHT [IPB] <jmht@apps.ipb.ac.id>

to mahmud

Fri, Dec 9, 2016, 9:38 AM

Dear Pak **Mahmud**,

Apakabar? semoga sehat selalu. Kami Ingin menanyakan, apakah perbaikan Bapak telah Bapak terima, dan perbaiki kembali? Kami menunggu perbaikan Bapak yang telah bapak perbaiki yang telah disatukan dengan perbaikan yang sebelumnya.

Demikian kami sampaikan atas kerjasama Bapak kami ucapkan terima kasih.

Salam,
Linda Zakiah S
Sekretaris JMHT

Activate Windows
Go to PC settings to activate Windows.



mahmud mugi <mahmud_thia@yahoo.co.id>
to me

Mon, Dec 12, 2016, 10:11 AM ☆ ↶ ⋮

🇮🇩 Indonesian > 🇺🇸 English [Translate message](#)

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Kepada yth
ibu Linda Zakiah

Mohon maaf keterlambatan kami untuk memperbaiki artikel, karena kami harus menulis ulang. Kami dari tim akan mengusahakan dalam 1 minggu ini selesai dan mengirim ke JMHT. Kami juga mendoakan kepada seluruh kru JMHT senantiasa sehat walafiat.Amiin

ttd

Mahmud

...



JMHT [IPB] <jmht@apps.ipb.ac.id>
to mahmud

Tue, Dec 13, 2016, 8:55 AM ☆ ↶ ⋮

Yth. Bapak **Mahmud**,

Baik Bapak terima kasih atas konfirmasinya.

Salam,
Linda Zakiah
Sekretaris JMHT

...

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↷ Forward

perbaikan artikel dari pak **Mahmud** > Inbox x



mahmud mugi <mahmud_thia@yahoo.co.id>
to me ▾

Thu, Feb 16, 2017, 10:37 AM ☆ ↶ ⋮

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Kepada Yth
Pengelola Jurnal JMHT
di-
IPB Bogor

Berhubung tim kami harus menulis ulang, maka mohon maaf atas keterlambatan kami dari memasukan kembali ke redaksi. Mohon artikel kami di muat di jurnal JMHT. Jika ada perbaikan tim penulis siap untuk memperbaiki. trims

tim penulis
ttd
Mahmud

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JMHT [IPB] <jmht@apps.ipb.ac.id>
to mahmud ▾

Mon, Feb 27, 2017, 9:40 AM ☆ ↶ ⋮

Dear Bapak **Mahmud**,

Terima kasih atas perbakan artikelnya akan kami tindaklanjuti.

Demikian kami ucapkan atas kerjasama Bapak diucapkan terima kasih.

Salam,

Linda Zakiah S
Sekretariat JMHT

...

--

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A * * * * *