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## APPENDICES

### 1. SLF Questionnaire (English Version)

#### SUSTAINABLE LIVELIHOOF FRAMEWORK (SLF) QUESTIONNAIRE

 <p><b>Griffith UNIVERSITY</b> Queensland, Australia</p> <p><b>Disclaimir:</b> This questionnaire is used in research to gather information for the thesis titled <i>"Sustainable Livelihood Assessment through Seaweed Cultivation to Support Poverty in Bantaeng Regency"</i> oleh FADHILAH (PD222191014). Program Pascasarjana Perencanaan dan Pengembangan Wilayah, Universitas Hazanuddin Makassar dan Master of Environmental Protection, Griffith University, Australia.</p>
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Respondent Code :

Date :

#### RESPONDENT IDENTITY

1. Name :
2. Sex :
3. Address :
4. Age :
5. Family Members :

#### LIVELIHOOD ASSETS

*Give mark (x) or answer the question below based on your perception!*

#### I. HUMAN CAPITAL

1. Level of education:
 

a. Never go to school	d. SMA/SMK (Senior High School)
b. SD (Elementary School)	e. Sarjana (S1/S2/S3) (College)
c. SMP/SLTP (Secondary School)	
2. How long have you been doing seaweed cultivation?
 

a. 0-5 years	d. 11-15 years
b. 6-8 years s	e. More than 15 years
c. 9-10 years	
3. How many seaweed workers help you (before and after harvest)?
 

a. None	d. 5-10 person
b. 1-2 person	e. More than 10 people,
c. 3-5 person	
4. Apakah anda pernah mengalami sakit semalam bertani rumput laut?  
**YES / NO**  
 If you answered YES, what illness did you have?  
 .....  
 .....  
 .....
5. Have you ever received seaweed cultivation training or guidance?  
**YES / NO** (Continue to question number 8 if the answer is NO)
6. If the answer is YES, what kind of training/extension did you receive?  
 .....  
 .....  
 .....
7. If NO, where did you learn about seaweed cultivation?  
 .....  
 .....  
 .....

8. Do you have Health Insurance? (BPJS or similar)  
YES / NO

**II. FINANCIAL CAPITAL**

- a. How much money do you make each month? (Rupiah (Rp) in Indonesian)
- b. ≤ 500.000, - e. 2.000.001 – 3.000.000
- c. 500.001-1.000.000 f. > 3.000.000. Clarify it: Rp.....
- d. 1.000.001-2.000.000
9. How much do you spend each month? (Indonesian Rupiah (Rp))
- a. ≤ 500.000, - d. 2.000.001 – 3.000.000
- b. 500.001-1.000.000 e. > 3.000.000. Sebutkan: Rp.....
- c. 1.000.001-2.000.000
10. What type of seaweed do you cultivate?  
.....
11. How much does your dried seaweed sell for per kilogram?
- a. Rp. 5.000 c. Rp. 10.000
- b. Rp. 5.000 – Rp. 10.000 d. Rp. ....
12. What is your payment system?
- a. Cash
- b. Credit
13. Where did you get your price information?
- a. Local Government c. Farmers Group
- b. Seller/middlemen d. Other sources.
14. Who determines the price of seaweed?
- a. Government c. Farmers' Group
- b. Farmer d. Buyer
15. How is the product sales system performing?
- a. Through farmer groups
- b. Delivered directly to the buyer
- c. Buyers who came to visit
16. Have you ever experienced a loss during your seaweed cultivation?  
**YA / TIDAK**
17. If YES, what is the cause?  
.....  
.....  
.....
18. Do you have any savings?  
**YES / NO (**
19. If the answer is YES, how much savings do you have?  
.....  
.....
20. Where do you keep your savings?
- a. Bank c. At Home
- b. Cooperation d. Other place, where? : .....
21. Where can you get business capital to start a seaweed cultivation?
- a. Using personal savings (own capital)
- b. Bank
- c. Cooperation
- d. Loans from relatives or neighbours
- e. Loan Providers (money borrowers such middlemen, seller, etc.)
22. Do you have a job other than being a seaweed farmer? **YES OR NO**
23. If YES, please clarify!  
.....

24. How much money do you make on average from your other jobs?

.....  
 .....

### III. SOCIAL CAPITAL

25. Who assists you in the implementation of seaweed cultivation activities?

- a. Family members only                      c. Both from family dan non-family members  
 b. Non-family members

26. Are you a member of a farmer's organization/group/group?

- a. YES, Mention it!  
 b. NO

27. If NO, please explain why you are not joining a farmer's group!

.....  
 .....

28. Are you active in community activities?

- a. Not active                      c. Very active  
 b. Active

29. How is the security situation in this village?

- a. Very bad                      d. Good  
 b. Bad                              e. Very good  
 c. Pretty Good

30. How is your role in society?

- a. Not have influence in society                      d. Important  
 b. Less influence    e. Very important  
 c. Fair influence

### IV. PHYSICAL CAPITAL

31. How is your house condition?

- a. Do not have a house                      d. Semi-permanent house  
 b. Home with leaf roof                      e. Permanent house  
 c. Wooden house

32. What is the current state of the land and buildings you occupy?

- a. Own property                      c. Government land and buildings  
 b. Rent or contract

33. How is access to seaweed marketing?

- a. Hard to reach  
 b. Good  
 c. Very good

34. How is the condition of the roads in your village?

.....

35. How do you access seaweed cultivation equipment (such as boats, stretch ropes, float bottles, and so on)?

.....  
 .....

36. What kind of personal vehicle do you have to assist you in your work as a seaweed farmer?

.....  
 .....



**V. NATURAL CAPITAL****37. Land and Cultivation Methods**

1. Number of stretches :  
 2. Method used :  
 3. Time spent cultivating : (days)  
 4. Weight of seed per stretch : (Kg)

**38. Where did you get your seaweed seeds?**

- a. Seedling recycle (Taken from previous harvest)  
 b. Purchased seeds  
 c. Provided by government

**39. How do you select good seaweed seeds?**

.....  
 .....  
 .....

**40. How many days of the week do you control the seaweed farm?**

- a. Everyday                      d. Once per two weeks  
 b. Three times a week      e. Once a month  
 c. Once a week

**41. Is there ever a conflict involving seaweed cultivation?**

.....  
 .....

**42. Hal-hal apa yang perlu bapak perhatikan dalam budidaya rumput laut ?****VI. VULNERABILITY****43. What are the challenges of seaweed cultivation??**


.....  
 .....  
 .....  
 .....  
 .....

**VII. INSTITUTION AND TRUST****44. In your opinion, does the local government support the development of seaweed cultivation?****YES/NO****45. If you answered yes, what do you think is the form of government support in developing seaweed cultivation?**

.....  
 .....  
 .....  
 .....

~ Thank You Very Much ~

## 2. Permission Research Letter



**PEMERINTAH KABUPATEN BANTAENG**  
**DINAS PENANAMAN MODAL DAN PTSP**

Alamat : Jl. Kartini No. 2, Kab. Bantaeng, email : dpmptsp.bantaengkab@gmail.com, website : dpmptsp.bantaengkab.go.id

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**IZIN PENELITIAN**  
NOMOR : 503/316/IPL/DPM-PTSP/XII/2020

**DASAR HUKUM :**

1. Undang-Undang Nomor 18 Tahun 2002 tentang Sistem Nasional Penelitian, Pengembangan dan Penerapan IPTEK;
2. Peraturan Menteri Dalam Negeri Nomor 64 Tahun 2011 tentang Pedoman Penerbitan Rekomendasi Penelitian, sebagaimana telah diubah dengan Peraturan Mendagri Nomor 7 Tahun 2014;
3. Peraturan Menteri Dalam Negeri Nomor 3 Tahun 2018 tentang Penerbitan Surat Keterangan Penelitian;
4. Peraturan Bupati Bantaeng Nomor 57 Tahun 2017 tentang Perubahan Atas Peraturan Bupati Bantaeng Nomor 85 Tahun 2016 tentang Pendelegasian Kewenangan Pelayanan Administrasi Perizinan dan Non Perizinan.

**MEMBERIKAN IZIN KEPADA**

Nama	: FADHILAH
Jenis Kelamin	: Perempuan
N I M	: P022191014
No -KTP	: 7304034802910001
Program Studi	: Perencanaan dan Pengembangan Wilayah
Pekerjaan	: Mahasiswa Universitas Hasanuddin Makassar
Alamat	: Jl. Pelita Komp. PTPN Kec. Binamu Kabupaten Jeneponto


Bermaksud mengadakan penelitian dalam rangka penulisan Tesis dengan Judul :  
**""Sustainable Seaweed Resources For Poverty Alleviation Strategy in Bantaeng Regency""**

Lokasi Penelitian	: Kecamatan Pajukukang Kab. Bantaeng
Lama Penelitian	: 03 Agustus 2020 s.d. 10 Januari 2021


Sehubungan dengan hal tersebut diatas pada prinsipnya kami dapat **menyetujui** kegiatan dimaksud dengan ketentuan :

1. Sebelum dan sesudahnya melaksanakan kegiatan, yang bersangkutan harus melapor kepada Pemerintah setempat;
2. Penelitian tidak menyimpang dari Izin yang diberikan;
3. Mentaati semua peraturan Perundang-undangan yang berlaku dan mengindahkan adat-istiadat Daerah setempat;
4. Menyerahkan 1 (satu) exemplar copy hasil Penelitian kepada Bupati Bantaeng Cq. Kepala Kantor Kesatuan Bangsa, Politik dan Perlindungan Masyarakat Kab. Bantaeng;
5. Surat Izin akan dicabut kembali dan dinyatakan tidak berlaku apabila ternyata pemegang Surat Izin tidak mentaati ketentuan-ketentuan tersebut di atas.


Demikian surat keterangan ini diberikan untuk dipergunakan sebagaimana mestinya.



1 2 0 2 0 1 9 0 0 9 0 0 2 3 4



Diterbitkan di Kabupaten Bantaeng  
Pada tanggal : 10 Desember 2020  
a.n. **BUPATI BANTAENG**  
KEWASITUNAS PENANAMAN MODAL DAN PTSP,



**MUHAMMAD TAFSIR P., S.S., M.AP**  
Pangkat : Pemangku Utama Muda  
NIP. 199803 1 012



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN  
RISET, DAN TEKNOLOGI  
UNIVERSITAS HASANUDDIN  
FAKULTAS KESEHATAN MASYARAKAT

Jln. Perintis Kemerdekaan Km. 10 Makassar 90245, Telp. (0411) 585658,  
E-mail : [fkm.unhas@gmail.com](mailto:fkm.unhas@gmail.com), website: <https://fkm.unhas.ac.id/>

**REKOMENDASI PERSETUJUAN ETIK**

Nomor : 3945/UN4.14.1/TP.01.02/2021

Tanggal : 02 Juni 2021

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No. Protokol	7521092054	No. Sponsor Protokol	
Peneliti Utama	<b>Fadhilah</b>	Sponsor	<b>Beasiswa Karyasiswa Bappenas</b>
Judul Peneliti	<b>Sustainable Seaweed Cultivation for Poverty Alleviation Strategy in Bantaeng Regency</b>		
No. Versi Protokol	1	Tanggal Versi	7 Mei 2021
No. Versi PSP	1	Tanggal Versi	7 Mei 2021
Tempat Penelitian	<b>Kabupaten Bantaeng</b>		
Judul Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku <b>02 Juni 2021 Sampai 02 Juni 2022</b>	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian	Nama : Prof. dr. Veni Hadju, M.Sc, Ph.D	Tanda tangan 	Tanggal 
Sekretaris komisi Etik Penelitian	Nama : Dr. Wahiduddin, SKM, M.Kes	Tanda tangan 	Tanggal 02 juni 2021

Kewajiban Peneliti Utama :

1. Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
2. Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
3. Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
4. Menyerahkan laporan akhir setelah Penelitian berakhir
5. Melaporkan penyimpangan dari protocol yang disetujui (protocol deviation/violation)
6. Mematuhi semua peraturan yang ditentukan



#### 4. Research Documentation



a. Drying seaweed using bamboo rack



b. Seedling process



c. Interview with seaweed farmers