



The GEF Dugong and Seagrass Conservation Project

Project Progress Report

Reporting Period **From:** Jul / 2017 **To:** Dec / 2017

1. PROJECT GENERAL INFORMATION

National Project Code & Title:	ID 2 – 2102 & Improving National Awareness and Research of Dugong and Seagrass in Indonesia		
Project Partner(s):	Directorate of Marine Conservation and Biodiversity, Directorate General of Marine Spatial Management, MMAF Indonesia (MCB) Supporting partners: WWF-Indonesia; Indonesian Institute of Sciences, Research Centre for Oceanography (RCO-LIPI); Faculty of Fisheries and Marine Science, Bogor Agricultural University (IPB); Center for Marine and Coastal, Marine and Fisheries Research and Human Resources Agency-MMAF (Pusriskel, BRSDMKP-MMAF); LAMINA Foundation		
Location (country, region/ district and commune/ city/ village/ region etc.)	Indonesia, Jakarta, Bogor, Bintan, Kotawaringin Barat, Tolitoli and Alor		
Of which areas under protection (please indicate the name and size of protected areas or locally managed marine areas, if applicable)	<ul style="list-style-type: none"> • MCA of Bintan, Bintan District, 472,905,00 Ha • MCA of Pantar Strait, Alor District, 400,008.30 Ha • Marine Tourism Park of Libutan Sibitulu, Tolitoli District, 74,060.37 Ha • Marine Tourism Park of Senggora Sepagar, Kotawaringin Barat District, 171,679.00 Ha 		
Project start date	January 2016	Project intended completion date	30 September 2018

2. PROJECT PROGRESS

2.1. Narrative of project progress during the past semester by Project Activity

<p>3.1.1. Prepare map on status, distribution and threats on dugong and seagrass</p> <p>Currently available maps:</p> <ol style="list-style-type: none">1. Map on dugong distribution (2005 – 2017) overlapped on seagrass distribution (by 2017) in Indonesia2. Map on seagrass distribution (<i>Halophila decipiens</i>, <i>H. spinulosa</i>, <i>H. minor</i>) and seagrass status in Indonesia for year 2017 <p>Information on dugong and seagrass distribution and threats in Indonesia has been collected from stranding, entanglement/ bycatch, capture, and sighting reports gathered by the WWF-Indonesia, Whale Stranding Indonesia, LIPI, occasional reports to Dugong and Seagrass Conservation Project (DSCP) Indonesia, and National Dugong Symposium's proceeding. The 2005 – 2017 data has been mapped by LIPI and will be updated every three months. To date, the map on threats to dugong is still using entanglement/ bycatch and capture data as a source and threats data is still being projected on dugong distribution map.</p> <p>3.1.2. Prepare standardized method for seagrass and dugong research and monitoring</p> <p>Meetings have been conducted in 4-5 December 2017 to discuss and to get input on the appropriate method for seagrass and dugong research and monitoring in Indonesia. The last meeting resulted in a draft of dugong and seagrass survey and monitoring guidelines and its title, aim, targets, and outline have also been determined. Further meeting has been scheduled to take place in January 2018.</p> <p>3.1.3 Facilitate preliminary survey for updating site projects status</p> <p>Accomplished</p> <p>3.1.4. Facilitate training on seagrass and dugong survey and monitoring methods</p> <p>A training on handling stranded marine mammals has been conducted in Central Bangka District on 5-7 September. The training was a collaboration with Provincial Fisheries Agency and PAN Semujur Lestari. On the first day of the meeting, it has been also conducted a socialization on waters marine protected, particularly dugong and DSCP-Indonesia. The training was The training was attended by around 40 persons from local government agencies, private sectors, community groups, local NGO and local university (Bangka Belitung University).</p> <p>A training on conducting the interview/ questionnaire survey on dugong and seagrass in locations outside Bintan, Kotawaringin Barat, Alor, and Tolitoli has been planned. A meeting to plan the training has been scheduled to take place in January 2018.</p> <p>3.3.1. Standardize guidelines of research on carbon budget in seagrass</p> <p>Preliminary draft of standardize guidelines of research on carbon budget in seagrass is available. A meeting has been scheduled to take place in January 2018 to finalize the draft.</p>

3.3.2. Develop and update seagrass and dugong database

Dugong and seagrass distribution database is available. Dugong database is based on sightings, strandings, live capture/entanglement case data collected. A meeting has been scheduled to take place in January 2018 in order to working plan of survey CMS questionnaire for database and update the database.

4.2.1. Facilitate awareness level survey (national stakeholders) before and after campaign in potential project sites – Bintan, Alor, Kei and Kotawaringin Barat

First phase (pre-awareness campaign data) of this activity has been completed for national scale, while the second phase (post-campaign data) will be conducted in June 2018.

4.2.2. Facilitate National Communication Strategy Workshop
Completed.

4.2.3 Produce of national awareness campaign materials (newsletter, booklets, poster etc)

A DSCP Indonesia factsheet has been produced and printed as many as 2000 copies. The fact sheet is available in Indonesian language and some copies had been disseminated in some events to relevant partners and public, including audiences of public presentation in International Wildlife Symposium 2017 and other general lecture sessions on dugong and seagrass conservation.

A T-Shirt design for DSCP Indonesia committee as well as souvenirs (for campaign purposes) has been produced and disseminated to the committee members, dugong and seagrass ambassador, and supporting team members in Bintan, Tolitoli, Kotawaringin Barat, and Alor. In Kotawaringin Barat, pokmaswas (community surveillance group) uniforms had also been distributed to its pokmaswas members.

A video on handling live and dead-stranded dugong has been produced and will be shared to public through the YouTube channel of DSCP Indonesia.

Other materials to be produced in 2018:

- Infographics on dugong and seagrass.
- Posters on dugong and seagrass.
- Souvenirs (stickers, etc.)
- Banners on dugong and seagrass

4.2.4. Assign dugong and seagrass ambassador (well-known actor)

After several discussions on the criteria, role, tasks, and availability of the candidates, Arifin Putra, an Indonesian actor, was chosen as the dugong and seagrass ambassador. The inauguration was conducted during the official start of the awareness campaign in Pari Island on 2 November 2017. To date, Arifin has voluntarily been helping in raising awareness on dugong and seagrass conservation through his own social media accounts, by being interviewed by the media, and by being involved in a short film production on the Pantar Strait Reserve in East Nusa Tenggara (in which dugongs are known to be distributed). To date, intense contact is still maintained with Arifin and his team to involve him in awareness-related activities every month.

4.2.5. Conduct awareness campaign through national media (newspapers, magazines, televisions, etc)

Dugong and Seagrass Conservation Project-DSCP Indonesia Facebook page has been the main social media platform for DSCP Indonesia. As of 9 January 2018, the page has been liked and followed by 1,683 and 1,720 accounts, respectively. The number of likes has been increased by 12% since 24 June 2017. The page has become the media for sharing information about dugong, seagrass, and DSCP Indonesia activities.

There has been more than five articles regarding DSCP Indonesia activities as well during Jul – Dec 2017.

<http://www.greeners.co/berita/sambut-hcpsn-2017-kkp-suarkan-pentingnya-konservasi-dugong-dan-padang-lamun/>

<https://life.trubus.id/post/arifin-putra-semua-makhluk-di-dunia-adalah-keluarga-3533>

The Jakarta Post (15/11): "Campaign launched to protect seagrass, dugongs"

<http://www.beritasatu.com/kesra/461959-pentingnya-lamun-dan-dugong-bagi-ekosistem-hayati-laut.html>

<http://sains.kompas.com/read/2017/11/02/210257623/cerita-lamun-manfaat-lingkungan-dan-datangnya-baronang>

<http://nasional.republika.co.id/berita/nasional/jabodetabek-nasional/17/11/02/oysnky284-80-persen-lamun-di-indonesia-kurang-sehat>

<http://sains.kompas.com/read/2017/11/04/170600323/bagaimana-cara-menyehatkan-lamun-kembali->

News on the management of Pantar Strait Marine Conservation Area in which dugong could be found:

<https://www.mahensaexpress.com/2017/09/27/di-ambang-kepunahan-dugong-alor/>

<https://www.mahensaexpress.com/2017/10/06/rumusan-hasil-pertemuan-lokakarya-kebijakan-pengelolaan-dugong-duyung-kkpd-sap-selat-pantar/>

<http://teropongalor.id/sekda-alor-dugong-di-perairan-mali-tidak-boleh-dikomersilkan/>

A media trip to Alor was conducted in 4-6 August 2017 and involved Metro TV (one of national tv channels in Indonesia). The trip resulted in a documentary video on local champion in Alor's relationship with a dugong (<http://video.metrotvnews.com/360/ybDRnDmK-potret-persahabatan-antara-manusia-dan-dugong-di-alor>), Following the media trip, there was a trip for short film shooting purposes and documenting Arifin Putra (the ambassador)'s activities in Alor on 25-29 November 2017. Media gatherings were later conducted in Alor on 28 November 2018 with 6 (out of 7) media and in Kupang on 29 November 2017 with 13 media.

Some news about Arifin Putra's involvements:

<http://senggang.republika.co.id/berita/senggang/blitz/17/11/02/oysouj284-arifin-putra-ajak-masyarakat-peduli-dugong>

<https://travel.tempo.co/read/1030911/arifin-putra-ajak-masyarakat-peduli-dugong>

<http://www.radarmalang.id/arifin-putra-jadi-pahlawan-buat-sesama/>

<https://kalabahippos.com/bisa-mendekat-wwf-dugong-di-alor-paling-beda-di-indonesia/>

<https://kalabahippos.com/giliran-arifin-putra-promosi-tenunan-khas-alor/>

<https://kalabahippos.com/menurut-arifin-putra-alor-itu-kekuatannya-ada-pada-alam/>

<https://www.wwf.or.id/?63162/Bersama-Arifin-Putra-Kampanye-Duyung-dan-Lamun-Promosikan-Konservasi-Alor-Lewat-Video>

<https://www.wwf.or.id/?63202/Mari-Kita-Kelola-Ajakan-untuk-Galakkan-Upaya-Konservasi-Duyung-dan-Lamun-di-Alor>

Socializations on dugong and seagrass have been also done through general lecture, internal and general public knowledge sharing

sessions, and meeting in fields, participation in MMAF's own campaign to raise awareness on marine issues called GITA LAUT.

Socialization about dugong as protected animals had been conducted in Central Bangka District on 5 September 2018 and in Mentawai on 13 September 2018. Those two locations have been recorded as locations where dugong is sometimes stranded or hunted by local fisherman. The Mentawai meeting has resulted a meeting summary agreed by attendees on supporting conservation of protected and threatened marine biota in Mentawai.

One of GITA LAUT serial events is socialization to homeschooling children with theme "Loving my ocean". DSCP Indonesia through WWF Team took a part of this event on 7 December placed in Marine Heritage Gallery in MMAF, to socialize dugong and seagrass through a story telling and give dugong stickers to the children.

Othr online resources (official website, social media, personal blog) on socialization of dugong and seagrass:

<http://bpsplpadang.kkp.go.id/implementasi-gef-dscp-di-bintan--kotawaringin-barat--tolitoli-dan-alor>

<http://bpsplpadang.kkp.go.id/bpspl-padang-melaksanakan-sosialisasi-perlindungan-mamalia-laut--dugong--di-rupat>

<http://bpsplpadang.kkp.go.id/sosialisasi-perlindungan-biota-perairan-dilindungi-di-sikakap-kabupaten-kepulauan-mentawai>

<http://bpsplpadang.kkp.go.id/sosialisasi-perlindungan-mammalia-laut-dan-penyu-pada-masyarakat-suku-laut-di-kabupaten-lingga>

<http://lpsplsorong.kkp.go.id/sosialisasijenis-dilindungi--dugong--pada-masyarakat-desagueria--halmahera-barat-di-hari-pahlawan>

<http://ksdae.menlhk.go.id/berita/2326/balai-tn-bunaken-bersama-pemkab-minahasa-selatan,-kampanyekan-pelestarian-penyu-dan-duyung.html>

<http://ksdae.menlhk.go.id/berita/1994/kami-sudah-tidak-konsumsi-duyung-lagi.html>

<http://ksdae.menlhk.go.id/berita/600/dugong-terjerat-kembali-ke-laut-oleh-bksda-sumsel.html>

<http://twitter.com/DitjenPRL/status/926342455380787200?s=08>.

<https://twitter.com/DitKKJI/status/925947019805335552>

<https://twitter.com/DitKKJI/status/925950242209402880>

<http://artong.blogspot.co.id/2017/11/cerita-lamun-manfaat-lingkungan-dan.html?m=1>

4.2.6 Participate in national events (national seminar and symposium, environment day, etc)

Until now, DSCP Indonesia through Sheyka Nugrahani Fadela had participated in International Wildlife Symposium in Aceh, 23-24 October 2017. Ms. Fadela delivered a presentation where she introduced DSCP Indonesia approach to enhance the effectiveness of dugong and seagrass conservation effectiveness. She also distributed DSCP factsheets to other participants.

DSCP Indonesia through IPB and LIPI team had also participated in Congress X for Oceanography Scholar (*Ikatan Sarjana Oseanologi* Indonesia) in Tanjungpinang, Bintan on 9-10 November 2017. DSCP Indonesia representatives presented 4 papers which entitled as:

1. Community's perception on Dugong and Seagrass Conservation in Bintan.
2. Seagrass Condition as Dugong's Habitat in Bintan.
3. Visual Method for Monitorig Dugong Distribution in Bintan.
4. Passive Acoustic Method to Monitor Dugong's Presence in Bintan.

2.2. Project implementation progress¹

Outputs & Activities ²	Expected completion date	Implementation status as of end of reporting period expressed in %	Describe any problems in delivery and any changes/mitigation action required.
Output 1: Advocacy programmes and advocacy capacity for improved conservation management of dugongs and their seagrass ecosystems developed and implemented			
Activity 1: Facilitate awareness level survey (national stakeholders) before and after campaign in pilot sites	31 August 2018	50%	-
Activity 2: Facilitate National Communication Strategy Workshop	30 November 2016	100%	-
Activity 3: Produce of national awareness campaign materials (newsletter, booklets, poster etc)	31 January 2017	40%	-
Activity 4: Assign dugong and seagrass ambassador (well-known actress)	30 November 2018	40%	-
Activity 5: Conduct awareness campaign through national media (newspapers, magazines, televisions, etc)	31 July 2018	25%	-
Activity 6: Participate in national events (national seminar and symposium, environment day, etc)	30 September 2018	50%	-
Output 2: Critical knowledge gaps (dugong and seagrass ecosystems) identified and surveyed/completed			
Activity 7: Prepare map on status, distribution and threats on dugong and	31 August 2018	70%	-

¹ Information provided in “Quarterly Expenditure Report” should be in line with output/activity progress reported in this table.

² Outputs and activities as described in the project proposal or in any updated project revision. Expand table as necessary.

Outputs & Activities ²	Expected completion date	Implementation status as of end of reporting period expressed in %	Describe any problems in delivery and any changes/mitigation action required.
seagrass			
Activity 8: Prepare standardized method for seagrass and dugong research and monitoring	30 January 2018	80%	The outline and content of the standardized guideline has been changed. Therefore, more time will be needed to finalize the draft.
Activity 9: Facilitate preliminary survey for updating site projects status	30 September 2016	100%	-
Activity 10 Facilitate training on seagrass and dugong survey and monitoring methods:	30 November 2017	50%	-
Output 3: Conservation-relevant information and guidance (dugongs and seagrass ecosystems) collated and disseminated			
Activity 11: Standardize guidelines of research on carbon budget in seagrass	30 September 2016	40%	Initial draft is available. The finalization still needs more time as the authors' tight schedules makes it difficult for holding a coordination meeting.
Activity 12: Develop and update seagrass and dugong database	30 September 2018	20%	-

2.3. Risk and risk management

Please describe internal and external risks (examples included in brackets) that could affect successful implementation of project activities and the proposed risk mitigation measures.

Risk group	Description	Risk level (Low/ Medium/ High)	Mitigation measures

Project Management (team capacity, internal communication, co-financing, budget, financial management, reporting, etc.)	Time management for implementing DSCP activities. DSCP Indonesia is a big team consists of at least 4 institutions with different management systems and priorities. Sometimes, some activities are not run on time due to administrative constraints.	Medium	MMAF will act as a reminder for each implementing partner to ensure activity is carried out as planned.
Socio-cultural issues (external communications, capacity of and work with stakeholders, cultural aspects)	<ol style="list-style-type: none"> 1. There is a potential that the appointed dugong and seagrass ambassador might not suitable to engage local communities in four sites as public figure might have more impact in big cities rather than in small villages. 2. Targets for dugong and seagrass awareness raising and education programs might use different types of media as their source of information. 	<ol style="list-style-type: none"> 1. Low 2. Low 	<ol style="list-style-type: none"> 1. The appointed dugong and seagrass ambassador should be able to engage local figures who might have more impacts at grassroots level. 2. Awareness raising and education program should be run in several communication channels (social media, newspaper, tv channel, etc), an engagement with national TV that broadcast reaches remote areas.
Political risks (Political stability in country, political impacts on the project)	-	-	-
Environmental risks (severe weather events/ disasters, natural causes negatively affecting project areas, habitats and species)	-	-	-
Other (please specify)	-	-	-

3. MONITORING AND EVALUATION

3.1. Please describe activities for monitoring and evaluation carried out during the reporting period.

Examples include: baseline data collection, stakeholder surveys, field surveys, steering committee meetings to assess project progress, peer review of documentation to ensure quality, mid-term review, etc.

Do not include routine project reporting.

After being reviewed by internal (DSCP Indonesia members) and external reviewers, the draft of Standardized Survey and Monitoring Methods that had been developed before was changed into more simplified and specified version. The previous guideline looked more like a compilation of

all available methods (from aerial survey to eDNA method), but the future guidelines will only feature 3 methods which most appropriate methods in Indonesia are UNEP-CMS questionnaire survey, seagrass survey, and dugong visual survey.

The reasons of this change are 1) E-ResourceToolkit as an interactive online catalogue that can guide researchers to the best method available based on their research objectives and resources is now available and can be easily accessed. 2) The standardized survey and monitoring methods will act as a guideline for researchers and government officer who want to do a survey and regularly monitoring that can contribute to national dugong and seagrass database. Therefore, the methods presented in the recent guidelines are methods that can be implemented relatively easy and considered low cost.

4. OTHER INFORMATION

4.1. Meetings³

Meeting type ⁴	Title	Venue	Dates	Convened by	Organized by	No. of participants	Report issued Y/N	Language	Dated
Coordination meeting	Public Awareness Meeting	WWF-Indonesia, Jakarta	11 Jul 2017	WWF	WWF	11	Y (minutes of meeting)	IND	19 Jul 17
Training Workshop	Protected Species Socialization and Marine Mammal Stranding Training	Local Marine & Fisheries Agency, Central Bangka	5-7 Sep 2017	MCB	MCB	45	Y (Report)	IND	12 Oct 2017
Socialization workshop	Dugong and Protected Species Socialization	Local Marine & Fisheries Agency, Mentawai	13 Sep 2017	MCB	MCB	49	Y (Report)	IND	12 Oct 2017
Coordination meeting	Dugong and Seagrass Maps Development Meeting	Mercure Hotel, Jakarta	18-20 Sep 2017	LIPI	WWF	12	Y (minutes of meeting)	IND	3 Oct 2017

³ Expand table as necessary

⁴ Meeting types: e.g. expert group meeting, project inception workshop, training workshop/seminar, partners consultation workshop, project Steering Committee meeting etc.

Coordination meeting	Plan of Community campaign and survey questionnaire	WWF-Indonesia, Jakarta	22 Sept 2017	WWF	WWF	12	Y (minutes of meeting)	IND	23 Sept 2017
Coordination meeting	Finalization of Preliminary Survey Report Meeting	Mercure Hotel, Jakarta	18 Oct 2017	LIPI	WWF	15	Y (minutes of meeting)	IND	23 Oct 2017
Media gathering	DSCP Campaign Launching	Pari Island, Jakarta	2 Nov 2017	WWF	WWF	38	Y (minutes of meeting)	IND & ENG	15 Nov 2017
Media gathering meeting	Alor Media Gathering	Hotel Pulo Alor, Alor	28 Nov 2017	WWF	WWF	10	Y (minutes of meeting)	IND	8 Dec 2017
Media gathering	Kupang Media Gathering	Dapur Nekamese Restaurant, Kupang	29 Nov 2017	WWF	WWF	23	Y (minutes of meeting)	IND	8 Dec 2017
Coordination meeting	Survey & Monitoring Research Methods Finalization	Grand Mercure Kemayoran, Jakarta	4-5 Dec 2017	LIPI	WWF	15	Y (minutes of meeting)	IND	5 Dec 2017

4.2. List(s) of meeting participants⁵

No.	Name of participant	Nationality
1	Setiono	Indonesian
2	Erina Nelly	Indonesian
3	Sukendi Darmasyah	Indonesian
4	Agustin Rustam	Indonesian
5	Ahmad Sofiullah	Indonesian
6	Syamsul Bahri Lubis	Indonesian
7	Hery G. Daulay	Indonesian
8	Riswanto	Indonesian

⁵ Expand table as necessary

9	M. Saefudin	Indonesian
10	Prabowo	Indonesian
11	Rian Puspita Sari	Indonesian
12	Yudit Tia L	Indonesian
13	Sam Wouthuyzen	Indonesian
14	Suhardi	Indonesian
15	Anugerah Nontji	Indonesian
16	Nurul Dhewani	Indonesian
17	Niken Sepa	Indonesian
18	Sekar Mira	Indonesian
19	Riani Widiarti	Indonesian
20	Udhi E. Hernawan	Indonesian
21	Indra Bayu	Indonesian
22	Muhayar	Indonesian
23	Ach. Arifin	Indonesian
24	Wawan Kiswara	Indonesian
25	Rahmat	Indonesian
26	Marindah YI	Indonesian
27	Bayu Prayudha	Indonesian
28	Jurajj	Indonesian
29	Erik Munandar	Indonesian
30	Muta Ali Khalifa	Indonesian
31	Adriani Sunuddin	Indonesian
32	Aflaha Abdul Munik	Indonesian
33	Ardiansyah N.	Indonesian
34	Siti Kusmiati	Indonesian
35	Nunung Noer A	Indonesian
36	Yoppy Endano	Indonesian
37	Casandra Tania	Indonesian
38	Nefa Firma	Indonesian
39	Clarissa Paath	Indonesian
40	Veda Santiadji	Indonesian
41	Intan Mawarwati Sukarna	Indonesian
42	Novi Anaktovy	Indonesian
43	Fici Iman	Indonesian
44	Sheyka Nugrahani Fadela	Indonesian
45	Riani Widiarti	Indonesian

46	Fachrul Sidiq	Indonesian
47	Danung A	Indonesian
48	Nuke P.	Indonesian
49	Lutfy M.	Indonesian
50	M. Fachtur Rezi	Indonesian
51	Rizal Machyudin	Indonesian
52	Aubrey Fanani	Indonesian
53	Sigit	Indonesian
54	Arifin Putra	Indonesian
55	Sigit Pradityo	Indonesian
56	Anto	Indonesian
57	Willy A.	Indonesian
58	Risnita TU	Indonesian
59	Titis Buana	Indonesian
60	Inu	Indonesian
61	Amri SH	Indonesian
62	Bobory Niko	Indonesian
63	Ashobah E.	Indonesian
64	Aidil Fikri	Indonesian
65	Rizal Hamdi	Indonesian
66	Inda P	Indonesian
67	Yurizal	Indonesian
68	Abriandika Pratama	Indonesian
69	Ramadhona	Indonesian
70	Sumiharjon	Indonesian
71	Hesti Wahyuni	Indonesian
72	Dio Maulid Suhendro	Indonesian
73	Replianto	Indonesian
74	Surya Darma	Indonesian
75	Wahyu Edi	Indonesian
76	Martin Yuda P	Indonesian
77	Umam Komarullah	Indonesian
78	Firmansyah	Indonesian
79	Obed Agtapura	Indonesian
80	Aryo D	Indonesian
81	Dasih Tri W.	Indonesian
82	Mardi	Indonesian



83	Kasim	Indonesian
84	Taufik	Indonesian
85	B. Lusyi Akd	Indonesian
86	Dedy Muchdiyat	Indonesian
87	Hemilda	Indonesian
88	Noviansari	Indonesian
89	Julia Fitri	Indonesian
90	Atiks Anggraini	Indonesian
91	M. Sobirin	Indonesian
92	Misdi	Indonesian
93	Sherly	Indonesian
94	Gugur Gunawan	Indonesian
95	Kenia YS	Indonesian
96	Y. Amarta	Indonesian
97	Eko Priyanto	Indonesian
98	Kristian Lizar	Indonesian
99	Resni Salelenbajo	Indonesian
100	Eldas	Indonesian
101	Sarina Ali	Indonesian
101	Dahnil	Indonesian
102	Sunardi	Indonesian
103	Tasril	Indonesian
104	Al Imran	Indonesian
105	Haradet S	Indonesian
106	Marinban S	Indonesian
107	Michael Sakalo	Indonesian
108	Matimbas	Indonesian
109	Martius E	Indonesian
110	Marhite	Indonesian
111	Alkadius S	Indonesian
112	Sebulon Saleleubaja	Indonesian
113	Joni	Indonesian
114	Gakharan S	Indonesian
115	Ade Neng S	Indonesian
116	Suharman	Indonesian
117	Mislawati	Indonesian
118	Wawa Wahyudi	Indonesian

119	Cui Anggora	Indonesian
120	Syairin	Indonesian
121	Isman Sagur	Indonesian
122	Salman	Indonesian
123	Ridhal Kahib	Indonesian
124	Herynuddin	Indonesian
125	Jendedi	Indonesian
126	Demak Naiygal	Indonesian
127	Andri Arif	Indonesian
128	Bayu Susyara	Indonesian
129	Zafni Sastria	Indonesian
130	Shilvia Octevianche B	Indonesian
131	Eko Saputra	Indonesian
132	Fitri Handayani	Indonesian
133	Warni Isdamawati	Indonesian
134	Adrinadi	Indonesian
135	Riri Haranti	Indonesian
136	Yose Rizal Anwar	Indonesian
137	Willy F	Indonesian
138	Lucky DN	Indonesian
139	Budi Miharjo	Indonesian
140	Muh Yusuf	Indonesian
141	Hardimansyah	Indonesian

4.3. Documents, other printed materials, videos, and soft products (such as CDs or websites)

No	Type ⁶	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
1	Map	Map on dugong distribution in Indonesia (2005 – 2017)	WWF-ID, WSI, LIPI	WWF-ID, WSI, LIPI	-	1 Nov 2017
2	Map	Map on seagrass distribution and status in Indonesia (2017)	LIPI	LIPI	-	1 Nov 2017
3	Video	Guide to Handle Dugong Stranding (Dead and Alive)	WWF-ID, MMAF	WWF-ID	-	1 Nov 2017

⁶ Documents and printed material types: e.g. technical publication, meeting report, technical/substantive report, brochures, media releases, etc.

Name of Project Manager: M. Firdaus Agung		Name of Project Manager Supervisor: Andi Rusandi	
Signature: 	Date: 11 January 2017	Signature: 	Date: 11 January 2017