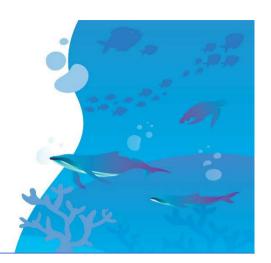






Bi-Monthly Update Vol. 12, March – April 2020



#### DRAFTING STATE OF THE SEASCAPE 2019 BOOK

The State of The Seascape 2019 (SoTS) book is one of the key achievements of the LPPM UNIPA as the BAF Primary Cycle-2 grantees. The process of writing this SoTS book is a collaboration effort of LPPM UNIPA with CI, TNC, WWF-US that have long supported conservation efforts in BLKB.

Following up on the training that was attended by the LPPM UNIPA Team in early February 2020, in the beginning of March 2020, the writers team, which was divided into the Social Team and the Ecological Team continued the process of writing the SoTS by conducting Data Quality for Standard Error Calculation of social data, developing ecological charts and the narrative, drafting graphs on World Bank Scorecard and *E-KKP3K* results, as well as listing references and attachments.



Improvements to the charts after reconsulted with WWF-US

Then, in the mid to late March 2020, the SoTS 2019 Book enters the content review process by supporting partners, namely CI, TNC, and the Cendrawasih Bay National Park (BBTNTC) to get inputs on the data and analysis. In the meantime, the writing team coordinated/carried out data

sharing in order to support the lay outing process of the SoTS book that was conducted in paralel.





**Draft layout SoTS 2019** 

In early April 2020, the Social and Ecological Teams received the results reviews and input from supporting partners. In collaboration with TNC, the writer team reviewed the results of the SoTS book draft review. Then mid April 2020, the writing of the SoTS 2019 book reached the stage of reviewing the lay out of the document (map, photos, fonts and sizes), discussion on photos selection, the title of the book, as well as the display map of data collection (village and monitoring points).

On the third week of April, the Writers Team has obtained the final lay out to be used for the SoTS 2019 Book. If there is additional material, therefore the book lay out will be adjusted. At the end of April 2020, the Team of Writers checked the latest Data Quality.

The writing of the SoTS 2019 book in Indonesian is expected to be completed in early May 2020, and in parallel, the process of translating the SoTS 2019 book into English is planned to be completed by the end of May 2020.

# WRITING VILLAGE PROFILE BOOK OF MARINE PROTECTED AREA AT BIRD'S HEAD SEASCAPE (*BLKB*) AND DISTRICT PROFILE BOOK OF MARINE PROTECTED AREA 2010-2019

As a Primary grantees with an academic background, another one of the important achievements of LPPM UNIPA is the "Village Profile of Marine Protected Area at BLKB". The book that contains basic information related to the characteristics of demographics, education and community livelihoods is printed into four book series namely:

- (1) Village Profile of Teluk Cenderawasih National Park, with a monitoring period 2010 - 2017.
- (2) Village Profile of Misool MPA and Kofiau MPA, with a monitoring period 2011 2018.
- (3) Village Profile of Teluk Mayalibit MPA and Selat Dampier, with a monitoring period 2010 2019.
- (4) Village Profile of Kaimana MPA, with a monitoring period 2012 2019.

Book writing had been completed gradually since the third week of March 2020, which was then followed by a layout process and International Standard Book Number (ISBN) arrangements. In the third week of April 2020, the process of printing four Village Profile books has been completed. The shipment of the books will be made in early May 2020 by ship to Manokwari.



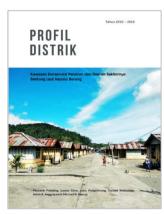






In parallel with the writing of village profiles, the Socio-Economic Monitoring Team of LPPM UNIPA also compiled the "District Profile of MPA in BLKB". This book contains household social economic data located in six (6) MPA and its surrounding area during a monitoring period of 2010-2019. Based on the type of data and information, the data and study presented included the characteristics of demographics, occupation, and education.

The writing of this book in Indonesian will be completed in mid April 2020, and until the end of April 2020, the book translation process into English is still in progress.





#### MPA BOOK: SOCIAL-ECOLOGICAL STATUS & TRENDS OF MPA IN BHS (2010-2019)

In addition writing the above books, the Social Economic Monitoring Team of LPPM UNIPA also compiled MPA Book, which contained summaries of information related to the social-economic status and trends of the communities in BHS MPAs.

The process of writing the MPA Social Economic Status & Trends Book, which was a compilation of six (6) MPAs in BHS area during monitoring period of 2010 to 2019, had been completed by the Social Team at the end of March 2020. However, after conducting an internal discussion with the Ecology

Team, the Status and Trends Book, which was originally separated between Social and Ecological, was then agreed to be combined. For information, in parallel the Ecological Monitoring Team was also in the process of preparing an Impact Report book per MPA.

Considering that there is going to a lot of information to be presented, therefore, this MPA

Book is planned to be arranged in three (3) books, namely Jejaring Raja Ampat KKPD, Jejaring Kaimana KKPD, and Teluk Cenderawasih National Park. Up to mid April 2020, the temporary draft for the title of the book is "Social and Ecological (name of the MPA) Condition in Bird Head Seascapes of Papua for the Period of 2010-2019." The completion process of writing the book is still ongoing up to the end of April 2020.

### YPP ASSISTANCE TO THE COMMUNITIES IN YENBEKAKI VILLAGE TO IMPROVE THE CAPACITY ON TURTLE CONSERVATION MANAGEMENT

Following up on the village meeting at the end of January 2020, the Penyu Papua Foundation (*YPP*) continued to accompany managing sea turtles conservation program conducted by Kumep Group in Yenbekaki Village, Raja Ampat.

Since early February 2020, the assistance for monitoring and data collection on sea turtles activities at Warebar Yenbekaki beach has been started by Abi Awom (YPP community facilitator) and two (2) community representatives in rotation. However, during the month of February 2020, there were no sea turtles found to lay eggs at Warebar Beach.

Furthermore, on March 2, 5, and 6, 2020, the monitoring team found three (3) Olive Ridley Sea Turtle (*Lepidochelys olivacea*) that came to lay eggs. Two (2) of these three (3) Olive Ridley Sea Turtle nests were submerged by the waves; while the one that survived, was successfully relocated by the team. Analyzing this trend, it seems that sea turtle



nesting season will start in March 2020.

**Rescued Nest** 

#### **OUTREACH ACTIVITIES IN BIAK: SCIENCE FOR CONSERVATION**

In addition to books writing, another important objective of LPPM UNIPA is to link science with community awareness raising efforts to support conservation effort in BHS West Papua. This is done by conducting outreach activities and disseminating information on conservation to students periodically.

During the implementation of this cycle-2 grant, LPPM UNIPA conducted outreach activity with the topic of "Conservation Goes to School: Science for Conservation". Phase I was held in Nabire on the February 7-15, 2020 with theme of "Kenal dan Jaga Kitong pu Laut" or "Knowing and Protecting Our Sea".

Conservation Goes to School in Nabire succeeded in reaching out to approximately 988 students. The schools that were visited were State Elementary School 2 Nabire, Agape Anak Panah Private Elementary School, State Junior High School 4 Nabire, Anak Panah Private Junior High

School, State High School 3 Nabire, Anak Panah High School, and Anak Panah Vocational School.



Conservation Goes to School at Anak Panah Junior High School, Nabire

This activity involved two resource persons from UNIPA, namely Duaitd Kolibongso, S.Pi., M.Si., and Rossa Latumahina, S.TP. Materials that were presented are ecological functions, protected species of aquatic mega fauna that are found in Nabire waters, as well as threats to these mega fauna. The focus species are sea turtles, whale shark, and dugong.

Phase II "Conservation Goes to School: Science for Conservation" was held in Biak Numfor Regency on March 2-6, 2020 with theme of "Penyu sa pu teman, Laut sa pu rumah" or "Sea Turtles are my friend, the Sea is my home".



LPPM UNIPA Team Presentation on Conservation at West Biak State High School 1.

Conservation Goes to School in Biak Numfor succeeded in reaching out to 665 students. There were seven (7) schools visited, namely the Opiaref Christian Education Foundation (*YPK*) Elementary School, Mandala Elementary School (City of Biak), Opiaref Junior High School 2, Junior High School 2 City of Biak, Junior High School 4 City of Biak, High School 1 West Biak, and High School 2 City of Biak.

The resource persons in this activity are Irman Rumengan, S.Pi., M.Si., and Marjan Bato, S.Kel.,

M.Si. Both resource persons presented marine biota in Papua and efforts that can be made to ensure their sustainability.

Overall, these outreach activities aim to introduce the ecological biology of several protected species of aquatic mega fauna in the students' surroundings, to acknowledge the threat to these species, as well as to motivate the students to support conservation efforts on these species.

Almost all students at the schools visited took advantage of the questions and answers session very well. One of the students from High School 2 City of Biak, stated that conservation must start from oneself.



**Sharing teaching materials** 

# COUNTERMEASURING POPULATION EXPLOSION OF THE CROWN OF THORN STARFISH (CoTS) AT RAJA AMPAT

Prickly Starfish or *Crown of Thorn Starfish* (CoTS) is a type of sea animal that have many poisonous spines. This animal is a coral eater predator, which is quite dangerous if the numbers are abundant. This animal can prey on reefs of 5-13 m<sup>2</sup> per year (Lassig, 1995). Under ideal conditions, the existence of CoTS serves as a counterweight to the ecosystems of coral reef, because CoTS will prey on several types of coral reefs that have a dominant growth, such as Acropora. Ideally, the number of CoTS in the coral reef ecosystem should not be more than 30 individuals per hectare.

At the moment in Raja Ampat, the CoTS population is starting to experience an increase/population explosion which has caused coral reefs to begin to suffer damage. To overcome this matter, on March 3-6, 2020, the Raja Ampat BLUD UPTD KKP (11 persons) along with CI (1 person) and Homestay Association (1 person) took action to overcome CoTS which was

conducted in the Juan Reef, Kampung Tua, Wayafer Reef, Tabar Reef, and Arborek.



Penanggulangan CoTs dengan metode pengangkatan

Technically, managing CoTS can be done in two ways, namely by (i) vinegar solution injection and (ii) phisical removal from the water with 'gepegepe' (tongs) then heaped them in the sand. In total, this action found 83 CoTS, which were handled with injection method (12 CoTS) and removal method (71 CoTS).

## CONTRACT AGREEMENT FOR MONITORING & PROTECTION OF SEA TURTLES IN TAMBRAW

Sea turtle monitoring activities, especially 'penyu belimbing' (Dermochelys coriacea) and nest protection along the coasts of Jeen Yessa and Jeen Syuab beaches, Tambraw Regency are routine activities which are also key achievements of LPPM UNIPA as a Primary grantee.

For information, there are four (4) owners of customary rights to Jeen Syuab (Wermon) beach and five (5) owners of customary rights to Jeen Yessa (Jamursba Medi) beach. So to ensure that the monitoring and protection of sea turtles activities are not disturbed as it did in cycle-1, the LPPM UNIPA conducted negotiations for sea turtles protection activities on the two beaches before the sea turtles nesting season in April 2020.

As a follow up, on March 16 -20, 2020, LPPM UNIPA signed a contract with the customary rights owners (*para pemilik hak ulayat*). The owners of customary rights on the two said beaches in this cycle-2 have been involved as local patrollers with

a special task to support the efforts of sea turtles conservation.

Contract signing with one of the Owners of Customary Rights

However, LPPM UNIPA still experiences obstacles in the negotiation process, namely: (i) the holder



of a contract with one of the beach customary rights owners varies each year, changing for each child who owns the customary rights, (ii) one of the customary right owners on Warmamedi beach is still bound by an agreement with the Indonesia Sea Turtles Foundation (Yayasan Penyu Laut Indonesia/YPLI), so that monitoring and protection activities of sea turtles cannot be carried out freely in this location.

#### CONTROLING & SUPERVISING TOURISTS AT RAJA AMPAT ISLANDS MPA

As part of the effort to control and supervise visitors, who conducted tourist activities in Raja Ampat Islands MPA, on **March 13, 2020**, the BLUD UPTD KKPD Raja Ampat Islands carried out unannounced patrol inspections of tourist ships (liveaboard) in the Meosmansuar area.

In this unannounced inspection, BLUD UPTD KKPD Raja Ampat Islands dispatched four (4) patrol staff from the Gam Post, Selat Dampier Area to conduct inspection on Environmental Services Card (*Kartu Jasa Lingkungan/KJL*). From the inspection of 3 (three) liveaboard ships that were docked in front of Yenbuba and Sawandarek Villages, Selat Dampier area, it was found that the following:

- Mikumba II Ship: brought 9 tourists and all of them did not have KJL.
- Pearl of Papua Ship: brought 12 tourists and all of them have KJL.
- Ocean Rover Ship: brought 6 tourists and all of them have KJL.

During the Mikumba II Ship inspection, they explained the reasons for not having KJL was due to the Raja Ampat Regent Letter. Hence, the

Mikumba II Ship party bought and possesed Tourist Tickets from the UPTD of Raja Ampat Regency Tourism Office, instead of Environmental Services Card from BLUD UPTD KKPD Raja Ampat Islands.

The Patrol Tam of *Jaga Laut* from Selat Dampier Area then explained to the Captain on the Environmental Services Card that is applicable in the Raja Ampat Islands MPA, as well as regulations on the utilization of the zoning system, location of ship during docking and its regulations.





Sudden inspection patrol to tourist boats at Selat Dampier area

# RAISING AWARENESS MEETING ON THE RESULT OF MARINE RAPID ASSESSMENT PROGRAM (RAP) SURVEY, SASI PLAN AND ZONATION SYSTEM AT NORTH MISOOL

In following up on the Marine Rapid Assessment Program (RAP) at North Misool, which was conducted last August 2019, on **March 10-11**, **2020**, the Nazareth Papua Foundation (YNP) held a joint meeting with customary figures, religious leaders, youth leaders, women leaders as well as village administration and community representatives from nine (9) villages in North Misool. This activity is conducted with the support of CI who provided explanation and technical direction, as well as Maya Customary Council.

This meeting discussed the "Sasi" Plan, a customary harversting period, well as participatory information gathering on the potential of natural resources and traditional usege by the community in the North Misool MPA. This information will be used as a basis for determining the zoning system in North Misool MPA. The meeting results are: (i) Minutes of the

Meeting on the Proposed Zoning System, and (ii) Customary Communities' Recommendation on Proposal for MPA Establishment in North of Misool Island.



Peserta Pertemuan Sosialisasi Hasil Survei Marine RAP

Also attending this meeting was a member of the BAF GC, Ibu Meity Mongdong, who gave her views on the zoning system plan at North Misool MPA.

#### PREPARATION TO CLOSE 'SASI' IN WAYAG-SAYANG-PIAI ISLANDS

The Penyu Papua Foundation (YPP) as the BAF Primary grantee with main activity of patrol in Piai Island & Sayang Island, on March 15-16, 2020 conducted consultation meetings at village level on the plan to close the customary harversting period called "Sasi" at the Wayag-Sayang-Piai Islands. The meeting was held in Selpele Village and Saleo Village, as the villages that hold the customary rights of the Wayag-Sayang-Piai Islands, in Raja Ampat.



Village Meeting to prepare to Close Sasi in Wayag-Sayang-Piai

This meeting included the customary figure, Head of the Village, Village Consultative Body (*Badan Musyawarah Kampung/Bamuskam*), Security Apparatus, Family Clan (*Marga*) Heads, and indigenous peoples. The activity was also attended by the Head of the Raja Ampat Maya DAS.

Agreement reached in the meeting were::

- To close "Sasi" in the whole Wayang Islands area, and "Sasi" of several types of protected animals such as Lola (*Trocus sp.*), Kima (*Tridacnid*), Lobster and others;
- Particularly for sea turtles in Sayang and Piai islands, "Sasi" will be closed permanently (permanent "Sasi");
- Time and date on the traditional ceremony event and "Sasi" close out date has yet to be determined because the communities wish to have the presence of the West Papua Provincial Government and Raja Ampat Regency. Their presence will also be required with the first ground breaking of a monument of Kawe customary historical figure in a cemetary at Sayang Island. (As follow up, Maya DAS will coordinate with West Papua Provincial Government & Raja Ampat Regency);
- It was deemed necessary to hold a meeting, attended by customary figures, village Government, and Marga Heads from Selpele and Salio to build common understanding. (As follow up, DAS Maya will facilitate the meeting).

#### SURVEY IMPLEMENTATION ON ECOTOURISM POTENTIAL AT NORTH MISOOL

In an effort to support conservation program in North Misool MPA, Nazareth Papua Foundation (YNP) in collaboration with Flora and Fauna International (FFI) conducted ecotourism potential survey in North Misool MPA on **March 13-16, 2020**.

In this survey, the FFI team conducted information gathering and discussions with the YNP Team at Kasim Monitoring Post, FGD with the communities and customary leaders, as well as visited potential tourist objects in North Misool MPA.



Observation to potential locations as tourist objects in North Misool

### SUPERVISION OF PATROL ASSISTANCE AT KKPD IN RAJA AMPAT ISLANDS AREA VI – FAM ISLANDS

In order to increase management effectiveness of the Raja Ampat Islands MPA, BLUD UPTD KKPD Raja Ampat Islands as the BAF Primary grantee carried out assistance on Patrol & Supervision "Jaga Laut", Monitoring, Communities' Outreach, and Patrol Administration to staff of BLUD UPTD KKPD Raja Ampat Islands in the Fam Islands Area. The assistance, which was carried out by 4 BLUD staffs of Waisai office and supported by 4 CI staff, was conducted on March 18-20, 2020 at Mioskor Post, Fam Islands.

In addition to conducting discussions on the challages faced by the Fam Islands Patrol Team in

the field, in this assistance, the BLUD and CI staffs re-taught the use of GPS, filling out the patrol and monitoring data, reporting the fuel usage, and recording assets.



Raja Ampat Island BLUD UPTD KKPD & CI discussion team

#### **EDUCATION ACTIVITY ON THE ENVIRONMENT AT FAM ISLANDS**



Education Activity on the Environment for students of Elementary School (SD) at Fam Islands

On the same occasion, the team of BLUD UPTD KKPD Raja Ampat Islands accompanied by CI staffs, carried out an Environmental Education Program

(*PLH*) in dua (2) villages, namely Pam Village and Saupapir village in Fam Islands. The resource persons were 4 staffs of BLUD UPTD KKPD Raja Ampat Islands of Waisai Office, 4 CI staffs, and 5 staffs of BLUD UPTD KKPD Raja Ampat Islands of Fam Islands.

The education program in Pam Village was held on March 19, 2020 and attended by 40 Elementary School students and 5 teachers. Meanwhile, the education program in Saupapir Village was held on March 20, 2020 and attended by 20 elementary students and 2 teachers. The PLH material presented was marine conservation with a focus on discussion of the use and protection of the Canary Crab (*Birgus latro*).

#### DISSEMINATION OF THE RESULTS OF ECOLOGICAL & SOCIAL MONITORING

#### a) Teluk Wondoma Regency

Following up on the results of the ecological and social monitoring carried out by LPPM UNIPA, on March 16, 2020, the LPPM UNIPA Social Monitoring Team held a meeting with the Regent of Teluk Wondama to convey the objectives of the dissemination program, as well as requesting Teluk Wondama Regency to facilitate the dissemination activity.

Based on the advice from the Regent, the dissemination in Teluk Wondama Regency is planned to be carried out on **April 3, 2020**. However, with the COVID-19 outbreak, this meeting could not yet be realized, following a letter from the Governor of West Papua dated on **March 17, 2020** instructing all State Civil Apparatus and students throughout West Papua to work and study from home effective on **March 18, 2020** up to **April 3, 2020**.



**UNIPA Team with the Regent of Teluk Wondama Regency** 

#### b) Raja Ampat Regency

In contrast, LPPM UNIPA has carried out Dissemination of Ecological and Social Monitoring Results for Raja Ampat Regency on **March 18-19**, **2020**.

Dissemination of the ecological monitoring results was conveyed by Irman Rumengan and Marjan Bato (Socio-Economic Monitoring Team) as well as by Charly Bravo Wanggai (LPPM UNIPA Secretary) by visiting the relevant Regional Apparatus offices (*Organisasi Perangkat Daerah/OPDs*), holding discussions with the head of these offices on the monitoring results, and distributing fact sheets. The offices that were visited are the Agency for Regional Development and Planning (*Badan* 

Perencanaan Pembangunan Daerah/Bappeda), Social Department (Dinas Sosial), Health Department (Dinas Kesehatan), Agriculture, Animal Husbandry and Food Security Department (Dinas Pertanian, Peternakan dan Ketahanan Pangan), Environmental and Forestry Department (Dinas Lingkungan Hidup dan Kehutanan), Fishery Department (Dinas Perikanan), Education and Sports Department (Dinas Pendidikan Olahraga), **Tourism** Department (Dinas Pariwisata) and the BLUD UPTD KKP Raja Ampat Islands.

Some input from the head of the OPDs included that the dissemination should be in the form of a joint meeting with the Regents and all of the OPDs. This had been done by LPPM UNIPA. However, in reality, the implementation did not go according to plan, as the representatives of OPS who attended the dissemination meeting were not a decision makers. Considering the condition above, the dissemination was carried out by visiting and meeting directly with the head of the OPD in their respective offices in the hope that all of the results of this monitoring could be acknoledged and followed up to the fullest.





Dissemination process activity on the Results of Ecological and Social Monitoring by LPPM UNIPA Team to the relevant OPDs in Raja Ampat Regency

# CONTROL ON FISHERIES ACTIVITIES THAT IS NOT ENVIRONMENTALLY FRIENDLY AT SELAT DAMPIER AREA, RAJA AMPAT ISLANDS REGIONAL MARINE PROTECTED AREA (KKPD)

As part of an effort to protect Raja Ampat Islands MPA, on March 26-27, 2020, the Joint Team consisting of the BLUD UPTD KKPD Raja Ampat Islands (3 persons) and the Raja Ampat Residential Police (5 persons) conducted 'Jaga Laut' Patrol in Salawati and Batanta areas. The focus of this patrol is usage of bomb/potassium fishing and violation of conservation zoning boundaries of Raja Ampat MPA.

From the results of this patrol, the Joint Team gave a warning and a strict order to the Floating Net Vessel that had fishing in MPA to immediately leave Raja Ampat MPA and to head out to agreed area in the map. The Joint Team also provided explanation on activities that can and cannot be done within the Raja Ampat Islands MPA, in accordance with the Management and Zoning Plan (RPZ) issued by the West Papua Governor.

Overall, the Joint Team succeeded in driving out 9 vessel, which are 7 vessel originating from Sorong and 2 vessel originating from Raja Ampat, as well as detaining a fishing boat in the size of 10 GT, which did not have a complete permit documents. This ship was then taken to Waisai for further investigation.

In addition to controlling the activities of Floating Net Vessel, the Joint Team also collected

information from the local communities as well as the fishermen in the vicinity of Salawati-Batanta at Selat Dampier Area, related to fish bombing activities.



Checking a fisherman's boat



**Checking Floating Net Vessel activities** 

## ADMINISTRATOR'S NOTE ON THE IMPLEMENTATION OF THE BAF CYCLE-2 GRANT PROGRAM RELATED TO THE COVID-19 PANDEMIC

With respect to the WHO provision that COVID-19 is a global Pandemic, and following up the Government announcement on March 15, 2020 as well as the decision of the Board of Directors of KEHATI on March 16, 2020 related to COVID-19 Pandemic, hence in the context of preventing the spread of COVID-19, especially in the KEHATI work environment as the BAF Administrator and the BAF grantees, BAF Administrator sent out a letter dated **March 16, 2020** reminding and encouraging BAF cycle-2 grantees, who are still active and bound by grant agreements until end of April 2020 to carry out the following:

- (1) **Cultivating a Clean and Healthy Lifestyle** as well as consistently implementing various preventive measures for disease transmission.
- (2) **Postpone/cancel the implementation of activities** involving many participants, such as meetings, trainings, workshops, etc.

As information, up to **April 30, 2020**, several of the BAF cycle-2 grantees are still carrying out routine activities by not involving large numbers of people, namely:

- (1) Marine Protected Area patrol/monitoring, as conducted by YNP, BLUD UPTD KKPD Raja Ampat Islands, and Pokmaswas Nusa Matan.
- (2) Monitoring sea turtles and nests protection on sea turtles nesting beaches, as conducted by YPP and LPPM UNIPA.

To ensure the safe implementation of patrol and monitoring activities during this COVID-19 pandemic, CI handed out a risk mitigation document that must be filled out by each grantee who is still carrying out community patrol and monitoring activities. The Administrator has provided these risk mitigation documents to the lima (5) grantees listed in the above, and has received the signed documents back again.

The Administrator has also informed the grantees that regarding the COVID-19 outbreak, there was no extension of the BAF activities implementation. All partners will end their activities on the field on **April 30, 2020**, and then prepare a final report on the implementation of the program and finances to be submitted to the Administrator no later than **May 30, 2020**. Next, the Administrator will carry out the verification process of the report and the closing of the cycle-2 grant whose method of implementation will be determined at a later date.