









# HEADQUARTER - YABI, BOGOR 4<sup>th</sup> Quarter Report

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**Date of Verification: January 2015** 



# A. Program Highlight/Accomplishments

(Reported by Shanty Maullydianthi & Nasrul Ikhram)

## October

# Meetings and Coordination

- ✓ Mr. Widodo led the 1<sup>st</sup> teleconference via SKYPE participated by SRS &RPU WK and RPU BBS. Exept RPU Ujung Kulon whom unable to connect, the teleconference went well. Despite discussion on actual situation on activities it also covered introduction to the new staff positions: Mr. Yusep Herdiana (new database staff), and Ms. Sari Kustanti (new HRD officer).
- ✓ Mr. Sectionov made an official travel to attend the annual IRF Board (2-21 Oct '14) in Columbus, USA.

The meeting was attended by 22 boardmembers, advisors and staff, as well as representatives of partner organizations and donors. Overall, five countries and 24 organizations represented.

- ✓ Meeting with Wildlife Protection Solution (WPS) team and Directorate General of PHKA in Manggalawanabakti Jakarta to discuss on possibility of WPS to support rhino protection by YABI:
  - 1. Installation of equipment to monitor movement of tagged rhino with transmitter that could
    - transmitter that could directly transmit the information to a computer of YABI,



- 2. Assistance by WPS to the Government, especially in rhino conservation by making cooperation MOU between NGOs,
- 3. Mrs. Karen whom assisted WPS wishes that in the future SRS could become the Centre Excellence of Sumatran rhino breeding. She also mentioned a possibility to help funding through her USA contacts in reference to what she had mentioned during SRCS in Singapore.

- ✓ Coordination meeting on further control of Langkap palm coordinated by WWF was attended by representatives of IPB, WWF, YABI, and UGM. Mr. Dadan attended on behalf of YABI. The meeting that discussed on mapping and monitoring the growth of *langkap* held at IICC Hotel Santika Botanical Bogor on 16 Oct'14. The meeting covered:
  - 1. Discussion of update of (satellite image) *langkap* plant mapping distribution based on the degree of density by UGM (DR. Projo).
  - 2. Ground surveys will be carried back thoroughly to the spread of langkap.
- ✓ Meeting on rhino monitoring survey book launch organized by PHKA was attended by Mr. Waladi, Mr. Sectionov, and Mr. Dadan. The meeting took place in Manggalawanabakti Jakarta.
- ✓ Meeting with RPU Ujung Kulon held on 17 Oct '14 where Mr. Yusep Hardiana made an official travel to attend. Among the the activities:
  - 1. Handover of YABI meeting equipment in the form of a teleconference tool with the field coordinator of RPU UK,
  - 2. To figure out information about the local demonstrators raly in UKNP,
  - 3. Provide direction to the new administration and financial candidate of RPU UK.

# ✓ Meeting on Monitoring the Ilegal Killing of Elephants held by PHKA

Mr. Dadan and Mr. Yusep Hardiana representing YABI attended the invitation meeting from Directorate General of PHKA that was chaired by Mr. Bambang Dahono Adji as KKH Director. It took place in Pitagiri Hotel, West Jakarta on 22 October 2014.

The meeting discussed the "Monitoring the Illegal Killing of Elephants (MIKE)



YABI shared necessary data on elephant poaching in BBSNP and WKNP, "Site Patrol Effort" (GPP), and Law Enforcement period July 2012 - June 2014.

- ✓ Meeting with Gibbon Foundation. Mr. Haerudin attended the event organized by the Indonesian Gibbon Foundation that is "Chat on Thursday Afternoon", taking place in OASIS CICO Resort on 23 Oct '14. The topic discussed was "Documentation on Food Plant Types of Javan Gibbon (Hylobates Moloch Audebert) in Citlahab Area, Mt. Halimun Salak National Park ".
- ✓ Meeting and hand over ex RPU Way Kambas members who became goverment official took place on 24 October 2014 in WKNP Office. Mr. Widodo with PU staff members met Mr. Dulhadi, the Head of Way Kambas National Park.

Mr. Dulhadi provides direction that ex RPU members will still operating until December because WKNP did not yet



receive budget for the payroll of YABI employees accepted as CPNS.

The hand over followed with Tasyakuran attended by Mr. Widodo, Head of WK NP, and WK NP staff where YABI Certificate of Appreciation and Reference Letter were granted to RPU WK who has become CPNS.



# Discussion

Discussion on Mrs. Melinda M Clarkes' research on 'ecology social ecological modelling of health-environment interactions in Indonesia' participated by Mr. Widodo and Mr. Sectionov. The study will be covering aspect on the relationship among humans, animals and ecosystem health in view of one health that has a great influence on the conservation of biodiversity.

The implementation planning of the research will be held in April 2015. The initial survey will be conducted at the end of November 2014 in villages around the Way Kambas National Park and working area of YABI.

# Donation of acceptance

Submitting a Certificate of acceptance to Iceland Seafood Barraclough LTD through Ms. Rosida Idris. Total donation is US\$ 1,481.20 received on 20 October 2014, to assist the development of SRS WKNP Laboratory.

# Education Activities

# ✓ Providing facilitations to students

Mr. Sectionov and Mr. Haerudin met a student, Kumala Ardacandra H from IPB who submitted a written request to get the data of YABI in the form of an annual work plan, log frame, annual reports, program budget allocation and evaluation reports. It is done in the framework of writing a paper entitled "Evaluation of Collaborative Management in Way Kambas National Park". (24 Oct '14)

✓ Mr. Widodo and Mr. Sectionov met a student, Katlin Kraska from US Fulbright Research, to talk about the research she was conducting about cooperation between NGOs and National Park Management in Indonesia, particularly regarding to Eco Tourism. The research focused on the relationship of stakeholders in the management of national park in Indonesia, and how ecotourism are used or promoted as a tool to combine the seemingly conflicting goals of wildlife conservation, community development, and economic benefits.

Katlin has been conducting her research in Way Kambas, Ujung Kulon, Komodo, and Tanjung Puting. According to her, JRSCA and SRS YABI are the most important one to conduct research in view of collaboration between NGOs and National Park.

#### Official Travel

#### ✓ Routine field visit

MR. Waladi made an official travel to Ujung Kulon to monitor as well to check RPU UK and JRSCA activities.

## Partnership and Collaboration

## √ The join collaboration of NGOs with BBSNP

Mr. Widodo attended the invitation of the Head of *Balai Besar BBSNP* for a meeting between BBSNP with related partners such as US AID, WWF, WCS, YABI, ANKN, PILI Unila.



The meeting was attended by Head of *Balai Besar* BBSNP (Ir. Timbul Batubara Msi), Mr. Gordon Church, Ms. Primawati, WCS (Fachrul, Kholis), WWF (Job Charles), YABI (Widodo Ramono, Arief Rubianto), Adi Niaga Creative Nusa (3 persons), PILI Unila (2 persons), the Head of District Section TN BBS.

The Meeting Purpose: Coordination of partners BB TN BBS in order to

obtain harmony in improving the management of National Park with the exposure of each institution/partners including from US AID, WWF, WCS, YABI, ANKN, PILI Unila.

Important things, which were discussed including:

- a. TN BBS: Gratitude for the assistance provided by the partners, some of the provisions in collaboration/assistance in the management of Conservation Area, cooperation agreements, Programs Implementation Plan.
- b. US AID: would assist in conservation programs through TFCA with the amount of about 20-25 million US. The Program manager, Mr. Anthonius Jogo, invited to submit a proposal to TFCA/ Biodiversity.
- c. WCS: conveying that for the Sumatran rhinoceros, it has been prepared a Conservation Strategic Plan of Sumatran Rhino which will be a reference in the future. Activities such as: wildlife research, SMART patrol, community development.
- d. WWF: community development.

e. YABI: rhino protection activities and com-dev, genetic studies in cooperation with WCS and WWF.

- f. ANKN: tigers breeding activities, controlling invasive, com-dev.
- g. Unila-PILI: supports for RBM programs.
- h. G. Church: would help to facilitate the existing programs, among others through TFCA, Leadership training, etc.



- Kep BBs TN BBS: in order to improve coordination, mutual support, avoid overlapping of activities, coordinate through good preparation of RPP (Regulation of Forestry Minister of October 2014).
- j. Mr. Widodo granted a certificate of gratitude and and a Employment Reference Letter to the to field employees of RPU BBS who has become CPNS.

# 2. November

# Meetings and Coordination

Using SKYPE between HQ with SRS and RPU WK as well as RPU BBS, whereas for RPU UK due to network problems could not participate. The meeting was discussing activities in October and plan activities on November 2014. (Results Minutes Attached on Appendix 1)

#### Discussion

✓ Discussion on framework of workshop preparation for data-base analysis and camera trap.

Mr. Dadan and Mr. Yusep Hardiana attended the invitation from WWF in Hotel Salak Bogor on 11 - 13 November 2014 in the framework of workshop preparation for data analysis and camera trap, with the discussion about:

- 1. Preparation of workshop materials on 17 20 November 2014.
- 2. Simulation on data analysis using software Jim Sanderson.



- Data Analysis of camera trap in UK region
- The results of DNA analysis in UK region
- Data analysis of Camera trap in BBS region
- 3. Running Data (Jim Sanderson)

Introduction to MARK Program, (this program serves to determine the number of rhinos in the region using camera traps method).

# √ Receiving Dr. Arnoud Lyett

Mr. Widodo, Mr. Dadan and Mr. Yusep received a guest, Mr. Arnaud Lyet from Australia in the YABI Office on 26 Nov'14, to introduce to Mr. Widodo about the database using Data Analysis program Occupancy and CMR by using the Camera Trap method, whose training was followed by Mr. Yusep Hardiana and Mr. Heri Pasiman on 17 to 20 November 2014.

#### Human Resources Activities

# ✓ Introducing Mr. Hayani Suprahman to JRSCA works

Mr. Waladi made an official travel to UKNP on 6-7 Nov '14 to meet Mr. Hayani in the framework of discussing the work of JRSCA and introduced him to RPU UK and JRSCA staff Per 1 Nov '14, Mr. Hayani is posted as coordinator of JRSCA habitat in replace to Mr. Rusdianto that has became a CPNS.

# √ A new veterinary applicant

Mr. Widodo, Mrs. Shanty, Mrs. Sari, Mr. Waladi and Mr. Sectionov conducted an interview with the new veterinarian, Ms. Dwika Ayu Adriani from Airlangga University. Recruitment of new veterinarian for the SRS is important in order to have SRS vet available arround the clock. She will join drh. Zulfi Arsan who has joined earlier in SRS YABI. (On 24 Nov '15)

# Training and Program Activities

## ✓ Data base training by WWF

Mr. Yusep Herdiana from HQ and Mr. Heri Pasiman from RPU BBSNP attended the database training organized by WWF on 17 - 20 November 2014 in Hotel Salak No. 11 Bogor, this activity aims to analyze the data by using camera trap method



and supporting applications that are applied, namely Jim Sanderson (Renemer, PDF Creator, Keren, MARK).

The discussion and the results of the training database are attached on **Appendix 2**.

# √ Social support program for staff

Mrs. Shanty and Mrs. Sari attended an invitation from BPJS Bogor on 18 – 19 Nof '1 in the framework of Preparation on Data Reconciliation activities of Participants and Contribution of Business Entity in January - October 2014 as well as the



Dissemination of Electronic Application on Data Collection of Business Entity (E-Dabu ) which will be used for the Self-Assessment of the Business Entity.

# Comuninity development activities

- ✓ Mr. Haerudin and Mr. Diky made an official travel to Way Kambas in the framework of to follow the agenda of the simulation package and guidance activities of tourist village as aprt of ecoturism develoment in the supporting villagers of Way Kambas National Park on 13 - 15 November 2014. The activities include:
  - a. Visiting craft activities, leather puppet crafts, and activity of making palm sugar.
  - b. Visiting the Tourism Village Braja Yekti to see performing art Janger, gamelan Bali, gamelan gong Bali and reog ponorogo.
  - c. Visiting Biogas Digester in the Tourism Village of Labuan Ratu 7 followed by a visit looking natural Agriculture and the center of elephant conservation in Way Kambas.
  - d. Visiting the conservation center of Sumatran rhino that is Sumatran Rhino Sanctuary (SRS).

# Partnership and Collaboration

# ✓ Join Collaboration Secretariat for Rhino Conservation

Mr. Widodo conducts a meeting with WCS, WWF, IPB, Taman Safari, and PHKA on 7 Nov '14.

# Participation in Workshops, Congress, and Day Celebration

## ✓ Extension activities

Mr. Widodo and Mr. Haerudin attended as speakers at Faculty of Biology, National University, in the event of the National Seminar of National Love Flora & Wildlife Day (HCPSN) on 8 Nov '14 with the theme of Increasing The Awareness of Love to National Preservation and the Importance of Flora and Fauna.



Mr. Widodo introduce two species of rhinoceros of Indonesia



Souvenir granting to the speakers

# √ Agenda of the Ceremony of National Flora and Fauna Day

Mr. Waladi attended the Invitation on preparatory of National Flora and Fauna Day of 2014 on 8 November 2014, taking place at The Library Building, Ground Floor Management of Taman Mini Indonesia Indah with the theme of the event A Join Tree Planting with the Ministry of Environment and Forestry.

# ✓ Participating the World Park Congress

Mr. Widodo made an official travel to Australia, which was facilitated by Taronga Zoo in the framework of attending the invitation from IUCN as the speaker in the event of World Parks Congress, held on 12 - 19 November 2014 in Sydney Australia with the theme of the event is Parks, People, Planet, Inspiring Solutions.



IUCN World Commission on Protected Areas
PRESENTS TO

# Widodo Sukohadi Ramono

#### THE FRED M. PACKARD INTERNATIONAL PARKS MERIT AWARD

IN RECOGNITION OF OUTSTANDING SERVICE IN FURTHERING THE OBJECTIVES OF PROTECTED AREAS FOR SOCIETY

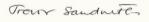
Over several decades working for the Indonesian government, including as Director of National Parks and Director of Blodiversity Conservation, Widodo Ramono was closely involved in the establishment and management of several leading national parks in Indonesia, including Ujung Kulon National Park, the last home of the rare Javan rhino. An acknowledged rhino expert, Pak Widodo became director of Yayasan Badak Indonesia (YABI - Rhino Foundation Indonesia), an NGO that works closely with the National Parks Authority and supports specialist Rhino Protection Units, with patrols units jointly implemented by park rangers and YABI staff. Thanks to his work at YABI, and the efforts of the highly respected and efficient Rhino Protection Units, there has been no recent record of rhino poaching in Indonesia, and a significant increase in the Javan rhino population in Ujung Kulon National Park, a World Heritage site. Throughout his long and distinguished career in conservation in Indonesia, Pak Widodo has worked tirelessly to improve protected area management, halt wildlife crime and strengthen the protection and conservation of Javan and Sumatran rhinos, the two most threatened species of rhinos. With his consistant staff at the in-situ Sumatran Rhino Sanctuary at the Way Kambas National Park, the facility could successfuly breed Sumatran rhino one out of 124 years in its Asian habitat. He would like to thank IRF, WWF, TCS, and all that continuously support YABI to implement its conservation programs.



Ernesto Enkerlin-Hoeflich, PhD Chair IUCN WCPA







Trevor Sandwith Director UCN Global Protected Areas Programme November 2014



# ✓ One Billion Tree Program of East Lampung District

Mr. Widodo made an official travel to Way Kambas at the invitation of East Lampung Regent in the framework of increasing awareness of the various parties on the importance of sustainable cultivation and preserving of trees to reduce impacts of global warming. It was held on 28 November 2014 at the Field Plangijo, the Main Gate of Way Kambas National Park, Labuhan Ratu District, and East Lampung. The activities of the event are a combined Celebration of the Day of Indonesian Tree Cultivation, National Cultivation Month, and the Women's Movement on Tree Cultivation, around Lampung District 2014.

# Fixed Asset Management

# √ Hand over a field vehicle to Ujung Kulon RPU under Javan Rhino Program.

Mr. Widodo made an official travel to UKNP on 1st Nov '14 to handover of a vehicle Toyota Hilux F 8619 AT that will be utilized for activities of Javan Rhino Conservation Program / YABI. The same occasion be utulized to hand over certificates of Appreciation and Employment Reference letter employees of RPU UK YABI who have been accepted as CPNS in Ujung Kulon National Park.

# 3. December

# Meetings and Coordination

✓ Meeting with IRF Representative. YABI HQ employees held a meeting with Mr. Bibhab on 15 – 16 Dec'14, to introduce a new employee of HQ YABI and reported any activity conducted by YABI as well as discussed the current issues.



# √ Follow up on the Kalimantan Sumatran Rhino

Mr. Widodo attended a meeting with the director of KKH Manggala Wanabakti in Jakarta on 22 Dec '14 to discuss on futher steps to conserve the Kalimantan Sumatran Rhino. It was decided that a field survey team shall be dispatch to find ways such as to develop an RPU system, to develop an S(K)RS, identify capture and translocation, and find ways in financing the said activities.

# Discussion

#### ✓ Discussion on revision of Law No 5 /1990.

Mr. Widodo and Mr. Haerudin attended the invitation from the Community Forestry Communication Forum (FKKM), at Padjadjaran Suites Hotel Jl. Padjadjaran No. 17 Bogor, with the following agendas;

- 1. Sharing information about the Revised Plan on Conservation Policy, especially Revision on Act 5/90,
- 2. Planning a joint strategy to watch the Revision of Act 5/90 including to provide/give suggestions to legislature of the Indonesian Parliament about the need to include the revision of the Act 5/90 in Prolegnas 2015.

This discussion was held in view of **Act No. 5 of 1990** has aged more than 24 years, and in spite of the success of the Act in saving ecosystems and species of Indonesia, there are many weaknesses so that many provisions that are no longer relevant to current conditions both nationally and internationally. A boost of change has voiced by conservation activists, at least since the National Workshop of National Park Partnership 2005. Various attempts to revise have been made from, to the Ministry of Forestry to form Revision Team of Act 5/90.

#### ✓ Discussion on Master Plan of teh Jarhisca.

Mr. Waladi and Mr. Hayani representing the Chairman of YABI Board attended the Workshop I on Making Master Plan of Javan Rhino Study and Conservation Area (JRSCA) Ujung Kulon National Park, taking place at Hotel Papyrus Tropical, Jl. Perdana Raya Kav. 12 Komplek Budi Agung – Bogor on 18 Dec '14.

# ✓ Further discussion on Second Habitat of Javan Rhino and PHVA Workshop

Mr. Widodo attended the meeting with PHKA, WWF, WCS, and TSI on further steps to development of the second habitat of the JR and the support team for the comming PHVA workshops. (On 29 Dec '14)

#### ✓ Further discussion on IPZ and IMZ.

Mr. Widodo and Mr. Yusep Hardiana held a meeting in WWF office with Mr. Sunarto along with the Director of WWF and Christy William to discuss about IPZ, IMZ and second habitat.

## Human Resources Activities

# ✓ Interviewing an other Vet applicant.

Mr. Widodo, Mrs. Shanty, and Mrs. Sari conducted an interview with the second new vet, Ms. Dewi Marga Ningrumon 2 Dec '4 that is planned to be placed in SRS but never come back after interview.

# ✓ A new HR applicant.

Mr. Widodo, Mrs. Shanty, Mr. Sectionov, and Mrs. Sari conducted an interview with two new HRD, Mr. Deddy Wardhana replacing Mrs. Sari who has submitted a letter of resignation up to the end of December 2014. (On 10 Dec'14)

## Education Activities

# ✓ Providing facilitations to student

Mr. Widodo and Mr. Sectionov met Mr. Steve Wilson, PhD candidate from Queensland University Australia on 1 Dec '14. He has a research topic about Ecology and Conservation of Indonesian Javan or Lesser one-horned Rhinoceros (*Rhinoceros sondaicus* Demarest, 1822) In Ujung Kulon National Park, West Java, Indonesia.

# ✓ Accompanying a student.

Mr. Sectionov made an official travel to Ujung Kulon to accompany the Mr. Steve Wilson, PhD candidate from Queensland University Australia.

## √ Student Facilitation

Mr. Sectionov met Mrs. Sofiatin from ITB in YABI office to discuss the request in getting information and data about the programs implemented by the Indonesian Rhino Foundation (YABI) with Ujung Kulon National Park related to the habitat and the population of Javan rhino. The purpose is for the Research of Doctoral Program (S3) entitled "Formulation and Implementation of Value Method in Ensuring the Sustainability of Biodiversity Conservation in the Critically Endangered Species".

# ✓ Participation to the student movement in biodiversity

Mr. Yusep Hardiana represented Mr. Sorkhim from the member of Ujung Kulon RPU who was invited by UKM Fauna Conservation Union, Institute of Agriculture Bogor (IPB) in the event of Seminar on Global Expedition Result 2014 with the theme "Student Movement in Biodiversity Conservation Efforts" held on 14 Dec '14 at the Auditorium of Toyib Hadiwijaya, IPB.

#### Official Travel

Mr. Waladi made an official travel to Way Kambas to have a survey, observing the condition of the boat RPU Unicorn II that was in poor condition and should be repaired immediately. (On 8-9 Dec'14)

# Training and Program Activities

#### ✓ Soft ware for Human Resourcess

Mrs. Ninda and Mrs. Sari held a meeting with PT. Grasfindo to learn the possibility of improvement on HR management through their presentation about the Software offered, SMARTY HARPA (Human Resources, Payroll & Attendance) System, Bogor 8 Dec '14.

# ✓ Training for the new RPUs

Mr. Widodo, Mr. Sectionov, Mr. Bibhab, Mr. Yusep, Mr. Diky, Mr. Dedi and Mr. Haerudin attended the training of RPU members followed by regional RPU of WK, BBS, and Ujung Kulon. This activity is carried out starting from 13 to 19 December 2014 in the Camp ground of Sukaraja Atas, SPTN Region I Sukaraja.

The training is about:

- Government policy in the field of Conservation and Forestry.
- 2. The basics of legislation.
- 3. The introduction of navigation tools and how to use them.
- 4. The Basics of law enforcement and the introduction to firearms types.
- 5. The introduction of the survey methodology and information collection technique.
- Basics and techniques of patrol and basic of photography.





- 7. The introduction of rhino behavior and rhino techniques from the secondary findings, photographs and DNA.
- 8. Methods and techniques of DNA sampling, the data format of DNA sample.



- Camera Traps
   Methods and Techniques for survey and patrol.
- 10. Introduction and coaching techniques of habitat.
- 11. Techniques of making herbarium.
- 12. Techniques of making Plaster cast.
- 13. Basics of awareness and conservation education.
- 14. The introduction of protected flora and fauna species.
- 15. Techniques of making a presentation.
- 16. Basics of community development.
- 17. Rhino conservation in the world.
- 18. Rhino conservation in Indonesia.

# Participation in Workshops, Congress, and Day Celebration

## ✓ Continuing control of invasive species

Mr. Widodo attended the invitation from Agency for Forestry Research and Development the Ministry of Forestry, The center of Research and Development for Conservation and Rehabilitation at the meeting of the National Steering Committee (NSC) to follow up of the progress of the implementation "Removing Barriers to Invasive Alien Species Management in South East Asia - Indonesian Program (FORIS INDONESIA)" which has been running for 2 (two) years 3 (three) months. (On 8 Dec '14)

# ✓ Participation to the dissemination of MIKE Programe

Mr. Dadan and Mr. Yusep Hardiana represented the YABI Board attending the invitation from the Ministry of Forestry Directorate of Biodiversity Conservation, Mr. Bambang Dahono Adji, taking place in the Meeting Room of Directorate General PHKA, 7th Floor-Block 7 PHKA Mangala Wanabakti Building, Jl. Jend. Gatot Subroto, Jakarta on 8 Dec'14. The meeting is to disseminate the programs of MIKE (Monitoring of Illegal Killing of Elephant) and follow-up coordination of the MIKE meeting Sub-Regional Steering Committee for Southeast Asia, on 3-4 November 2014 in Nay Pyi Taw, Myanmar. In the meeting, YABI was given the opportunity to give a presentation on the implementation of SMART Patrol in BBSNP and WKNP.

# ✓ Coral Triangle Conservation.

Mr. Widodo attended an invitation to the event Board CTC Coral Triangle Conservation in Bali. (On 11 – 13 Dec'14)

# ✓ Participation to the workshop on Law Enforcement

Mr. Widodo, Chairman of the YABI Board, attended the invitation a Workshop as a speaker with the theme "The Role of Law Enforcement to Support Sustainable Development and Use of Natural Resources" at the Meeting Room of Forestry Service Lampung Jl. Rajabasa Bandar Lampung. The speakers of this workshop



consisted of Director of PPH, Provincial Police of Lampung, High Attorney of Lampung, *Balai Besar* BBSNP, District Court of Lampung, and the Indonesian Rhino Foundation.



The invited participants were 26 people representing each institution such as Provincial Police of Lampung, *Balai Besar* of Bukit Barisan Selatan National Park, the State Prosecutor, Court, WWF Indonesia, WCS, Forestry Service, and YABI.

From the results of this workshop, it is obtained 6 formulas. One of them is to improve coordination and communication in the framework of law enforcement in the field of natural resources and its Ecosystem in Lampung, in this case are the Ministry of Forestry, police, prosecutors, courts, local government and the military.



## Publication Activities

# √ Interviewed by TVRI Lampung



Mr. Widodo, the Chairman of YABI Board, interviewed by TVRI Lampung on 18 Dec'14 related to the role of YABI in assisting the Government in law enforcement at Forest Service of Lampung. Once the interview was finished, Mr. Widodo was invited to TVRI Lampung for a life discussion on law enforcement with Mr.

Timbul Batubara as the Head of South Bukit Barisan National Park and The Bureau Chief of Provincial Police in Law Enforcement of Lampung.



The discussion lasted for an hour; Mr. Widodo said, "That YABI in principle assists the government to rhino conservation in Indonesia"

# **B. Human Resources**

(Reported by Sari Kustanti)

## I. PERSONNEL

#### R HEAD QUARTER

Mrs. Sari Kustanti as Human Resources Officer resigned on December 2014 due to her personal reason and as her replacement Mr. Deddy Wardhana had joined to HQ on December 2014 for work orientation period for 3 (three) months. His last position and his experiences on Human Resources Department are believed could make him be one of potential candidate of human resources officer.

## RPU UKNP

3 (three) person had joined as new member of Rhino Protection Unit (RPU) UKNP on October 2014 for work orientation period for 3 (three) months. Below are the names of new members:

1	Usep Suhendar
2	Samaya
3	Muhamad Toha

## RPU BBSNP

8 (eight) person had joined as new member of Rhino Protection Unit (RPU) BB BBSNP on October 2014 for work orientation period for 3 (three) months. Below are the names of new members:

1	Heriyanto	5	Dedi Saputra
2	Gunalan	6	Hifzon
3	Redi Setiawan	7	Khoiri
4	Mugiono	8	Edi Mulato

Mr. Suparmin as a driver resigned on October 2014 due to his personal reason.

#### RPU WKNP

9 (nine) person had joined as new member of RPU WKNP on October 2014 for work orientation period for 3 (three) months. 7 (seven) persons are positioned as member of RPU, 1 (one) person as Administration & Finance Staff and 1 (one) person as Database & Technical Report Staff. 1 (one) existing member who reported previously as household had been promoted to be member of RPU. Please find below the names of new members:

1	Arief Lukman	6	Heri Setyawan
	M Sanusi	7	Anggi Gunawan

3	Supardi	8	Ira Putri Nurmaya (Administration & Finance)
4	Sugiono	9	Doni Prasetyo (Database)
5	Yudi Hari Pamungkas	10	Joko (Promotion from Household to RPU)

#### SRS WKNP

Ms. Sucy Ariyani had joined to SRS WKNP as a new staff of Administration & Finance on October 2014 for work orientation period for 3 (three) months.

Ms. Dwika Ayu Adriani had joined as Veterinarian on December 2014 for work orientation period for 3 (three) months.

#### II. DEVELOPMENT

18 (eighteen) new members of RPU attended the training at Bumi Perkemahan Sukaraja Atas – BBSNP on December 13<sup>th</sup> to December 19<sup>th</sup>, 2014. This training initiated by Mr. Arief Rubianto as Protection Manager for Sumatera Area and will be facilitated by RPU-BBSNP team. Mr. Arief had designed the material training and collaborates with related parties to ensure the training would be delivered correctly and accurately.

After attending the training participants are expected to:

- To improve their knowledge on monitoring and surveying of Indonesian Rhino.
- To improve their knowledge regarding patrol, investigation, making coordination and forestry regulation.
- To improve their knowledge about data sampling, report writing and database management related to patrol activity or other activity.
- To increase the capability of RPU team in term of navigation including the usage of navigation tools such as GPS.

# C. Finance Division

(Reported by R. Dewi M. Utami)

- ❖ 22 December 2014: Finance teams have a financial meeting with IRF member Mr. Bibhab Talukdar and Mr. Sectionov to discuss and explanation about SOS IUCN Financial Report 2013 2014 based on SOS-IRF format.
- ❖ 23 December 2014: Meeting with Pak Bibhab and Pak Waladi about continuation of JRSCA. JRSCA should have 2 units of RPU to maintain all the Assets such as fences, quard post, etc.
- Input all finance database from expenditure report from field, Petty Cash Book, and Bank Book transaction using Zahir GL/Accounting Software for periods July – September, 2014
- ❖ Input all finance database from expenditure report from field, Petty Cash Book, and Bank Book transaction using Zahir GL/Accounting Software for periods October December, 2014.
- Continuing Donation from RAI Seafood Limited to support SRS-WK Activities amount of \$ 1,481.20 on October 21<sup>th</sup>, 2014, and amount of \$ 1,185.00 on September 30<sup>th</sup>, 2014.



# D. Fund Raising

(Reported by Haerudin R. Sadjudin)

# I. FUND RAISING PROGRAM

## October

- Just two concept papers which sent to KfW for project activities at Bukit Barisan Selatan National Park (Intensive Protection Zone Project) and will be conducted as collaborative program between YABI, WWF and WCS-Indonesia Program. To be continued with preparing concept of Sumatran Rhino Conservation Strategy and Action Plan in Bukit Barisan Selatan National Park.
- One proposal to Makin Group was already decided to funded for project activities ILEU and SRS facilities at Way Kambas National Park. Preparing a proposal for TFCA-Sumatra Fifth Cycle on thematic program at Way Kambas National Park with as proponen is YAPEKA, YABI as member of consortium and the activities strengthening to conduct education and awareness for rhino concervation at Labuhan Ratu 9 (YAPEKA) and to develop the information centre and ecotourism at SRS.
- One proposal already be submitted on Firsth Octoberto 2014 to TFCA-Sumatera V Cycle. The title: Penyelamatan populasi dan habitat badak sumatera di Bentang Alam TNWK berbasis kepedulian masyarakat.

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- Already discuss for proposing concept paper to TFCA-Kalimantan to collaborate with Mulawarman University to protect the sumatran rhino at Kutai Barat, East Kalinantan Province. The proposal will be submitted on Januray to February 2015.

# II. TFCA-SUMATERA PROJECT

#### October

- The new project staffs since July 4, 2014 from WCS-IP already worked, they are: William Marthy PhD as Project Coordinator and Mutiara Tambunan as Finanace Administration Staff.
- Monthly finance report for July 2014 and quartally (May to July 2014) project activities report will be reported to TFCA-Sumatera administrator before 10 July 2014. Because workplan and cashflow was already changed for second year, therefore the funding for 5th quartally (May to July 2014) was not yet received; the addendum of MoU between KEHATI and YABI still on proccess.
- Second Addendum of MoU between KEHATI and YABI for TFCA-Sumatra Project already be signed on firsth October, 2014. Therefore the grant for 5 grades after received on October 6, and for 6 grades will be received next week on October 21-24 for activities in September to Nopember 2014.

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- Routine Activities already to be done, especially for the new member of RPU BBSNP, WKNP, and UKNP on Desember 13 to 19, 2014 at Sukaraja Atas, the camping ground area in BBSNP.

# E. Communication and Information

(Reported by Diky Wahyudi)

#### Activities

- **11 December 2014**: Maintenance website YABI, coordination with Aksimaya of website developer. <a href="www.badak.or.id">www.badak.or.id</a> will change view template, and last Feb 2015 YABI have a new view website.
- **20 December 2014**: Preparing Company Profile YABI 2015 2020, will finish in January 2015.

## II. Publication



To create certificate of Rhino Protection Unit has been CPNS 2014, total 29 persons.

- 22 October 2014: To create certificate of Iceland Seafood Barrouch Ltd (Ibu Rosida)
- **04 November 2014**: Preparing Poster Mr. Widodo come to World Parks Congress in Sydney 2014. The posters are about The fast rate of declines in number of the Sumatran Rhino and Javan Rhino, Swift increased rate of decline the 90s: heavy poaching, economic crisis, rapidly lost of forest due illegal logging and plantation, high market, RPU tasks working with authorities and Strengthening the efforts.
- **05 November 2014**: Publication video Documentary from SOS IUCN by email to all Staff Rhino Foundation if Indonesia.
- **07 November 2014**: Preparing power point Bapak Widodo Ramono and Haerudin R. Sadjudin to presentation in Universitas Nasional for *Hari Cinta Puspa dan Satwa Nasional*. Bapak Widodo presented about "Status Badak Di Indonesia" and Bapak Haerudin R. Sadjudin presented about "Sejarah HCPSN".
- 05 December 2014: Preparing Calendar of YABI 2015 (photo from field)
- **11 December 2014**: Preparing statement for Season Greeting of YABI, The Season Greeting share on email and facebook.

**15 December 2014**: Preparing power point for *Pelatihan* Rhino Protection Unit in Bukit Barisan Selatan National Park, Resort Sukaraja Atas. The presentation are about Basic Photographer and Make the good Presentation.

**24 December 2014**: Preparing power point Hightliht YABI 2014 for "Syukuran YABI", the power point will be presented by Bapak Widodo.

# III. Official travel



**24 - 25 October 2014**: with Mr. Widodo Ramono and CPNS from YABI meet Head of Way Kambas National Park, Bapak Ir. Dulhadi. From RPU Accepted 13 persons and from SRS 3 persons accepted CPNS in Ministry of Forestry and placed in WKNP.

13 - 16 November 2014: Konsorsium YABI (YAPEKA): An invitation to attend the Ecotourism Training in Way Kambas National Park. The training activities carried out during four days on 13- 16 November 2014, which took place in the village of Labuan Ratu 7, Labuhan Ratu 9, Yekti Braja, Elephant Conservation Center (TNWK) and the Sumatran Rhino Sanctuary (TNWK).





13 - 19 December 2014: As speakers (Basic photography and Basic a good Presentation) at the Training Rhino Protection Units held in Sukaraja Atas Campgrounds - Bukit Barisan Selatan National Park attended by 30 participants consisting of 14 members of the RPU - Way Kambas, 9 people from RPU- Bukit Barisan Selatan, 3 members of the RPU-Ujung Kulon, 2 members of the Sumatran Rhino Sanctuary and 1 member of YABI.

**18 December 2014**: Being a committee (the photographer) at the time Law Enforcement Workshop in Bandar Lampung, and Covering the activities of Mr. Widodo at the interview with TVRI and





# IV. Journalist

Jean from French journalist to write about javan rhino conservation and Rhino Protection Unit, the publication will be published on December 2014, which is about the  $50^{th}$  anniversary of the IUCN.

## V. Article's and YABI's Website and Social Media

Article's on blogspot <u>https://yayasanbadakindonesia.blogspot.com/</u> and YABI's website <u>https://badak.or.id</u> October - Desember 2014.

- 1) Syukuran dan Ramah Tamah Rhino Protection Unit Way Kambas by Diky Wahyudi (24 Oktober 2014)
- 2) Publish greeting card "Selamat Idul Adha" by: Headquarter (05 October 2014)
- 3) Pedagang Gading Gajah berhasil ditangkap di Metro by: RPU Way Kambas (05 November 2014)
- 4) Pembicara di IUCN World Park Congress By: Diky Wahyudi (10 November 2014)
- 5) HCPNS di UNAS By: Diky Wahyudi (10 November 2014)
- 6) Dialogues "The Nature of Crime" at Wolrd Parks Congress 2014 By: Diky Wahyudi (20 November 2014)
- 7) Pelatihan Pengembangan Wisata Berbasis Desa tentang Pemanduan dan Intrepreter di TNWK By: Diky Wahyudi (23 November 2014)
- 8) Wawancara dan Diskusi Penegakan Hukum di TVRI Lampung By: Diky Wahyudi (19 Desember 2014)
- 9) Semiloka Penegakan Hukum By: Diky Wahyudi (19 Desember 2014)
- 10) Pelatihan Rhino Protection Unit By: Diky Wahyudi (23 Desember 2014)
- 11) Syukuran 8 tahun YABI By Diky Wahyudi on FB. (30 Desember 2014)

# F. Project Coordinator

(Reported by Dadan D. Subrata)

- Oct 7, 2014. Manggala Wanabhakti.
   Launching "Buku Panduan Survey dan Monitoring Badak Sumatera".
- 2. Okt16, 2014. IICC IPB.

Meeting on "Further Coordination Mapping and Monitoring of Arenga palm". Participants: IPB, WWF, YABI, UGM.

- a. Discussion on development Land-sat Map of the distribution of arenga palm by University of Gadjah Mada (DR. Projo).
- b. Re-survey for distribution of arenga palm in peninsula of UKNP.
- 3. Oct 22, 2014. Hotel Pitagiri, Jl. Palmerah Barat No. 110 Jakarta Barat Meeting on "Monitoring the Illegal Killing of Elephants (MIKE)":
  - a. Preparation meeting for the Meeting of the CITES-MIKE Sub-Regional Steering Committee for South East Asia.
  - b. Asking YABI willingness to provide the necessary data as a report MIKE implementation in Indonesia ("Country Report" Indonesian).
  - c. The data needed is data on elephant poaching in WKNP and BBSNP, "Site Patrol Effort" (or General Performance Parameter), and Law Enforcement for period July 2012 June 2014.
- 3. Data collection of elephant poaching and law enforcement for the period July 2012 June 2014 for the meeting of CITES-MIKE.
- Communication with DR. Sunarto (WWF IP) and Mr. Arief Rubianto (Protection Manager - Sumatra) concerning development of a proposal for the IUCN-Tiger Conservation funded KFW.
- 5. Joint the meeting with Forum Konservasi Harimau (FKH) regarding the development of data model for SMART Patrol database.
- 6. **12 14 Nov, 2014**. Meeting data preparation for Camera Trap workshop 17 19 Nov 2014 with WWF and other NGOs.
  - a. Camera trap data analyze of UK and BBSNP,
  - b. DNA data analyze of UK and BBSNP,
  - c. Introduction MARK Program.
- 7. 17 19 Nov 2014. Workshop on Camera traps with WWF and other NGOs.
- 8. Dec 8, 2014. SMART Patrol meeting in KKH. Application of SMART Patrol in YABI.
- 9. Finalizing WWF TAI Report in English version.

# G. Research and Education

(Reported by Sectionov)

# October:

# Attended IRF Board meeting in Columbus Zoo USA

The International Rhino Foundation (IRF) recently held its annual Board of Directors meeting, which was very generously hosted by the <u>Columbus Zoo and Aquarium</u>. The meeting was attended by 22 board members, advisors and staff, and approximately a dozen partner organization representatives and donors. Overall, five countries and 24 organizations were represented.



# 2. Discuss with US Fulbright Researcher Katie Kraska (upcoming research collaboration with YABI)

Katie Kraska is US Fulbright Research student conducting a project in Indonesia from 2014-2015. Her project is focused on stakeholder relationships in national park management in Indonesia, and how ecotourismis used or promoted as a tool to merge the seemingly contradictory goals of wildlife conservation, community development, and economic benefit. She is working around 4 national parks in Indonesia - Way Kambas, Ujung Kulon, Komodo, and Tanjung Puting - with the communities to determine how they are affected by ecotourism and conservation projects. The two YABI projects, JRSCA and SRS, are particularly interesting for her research because there is involve collaboration between NGOs and the national government.

She needs the documents pertinent to her research include: JRSCA initial plans and proposal to Ministry of Forestry, Ministry of Forestry acceptance, results from

discussions with key stakeholders, current JRSCA management plan, funding, collaboration with other NGO's, etc. Essentially anything to establish a timeline and understand how NGO's work with other stakeholders.

# 3. Discuss with Melinda M Clarke, about Ecology Social Ecological Modelling of Health-Environment Interactions in Indonesia (YABI will support this research)

The research that Mindy propose to do as a Fulbright recipient is an innovative contribution to a growing body of transdisciplinary research and practice focused on human health and ecosystem health interactions. The Global One Health Initiative calls upon researchers and practitioners to work across disciplines to consider connections between human, animal and ecosystem health. My research will be an important, field-based contribution to the rapidly developing understanding of these complex relationships. There is evidence that changes in health, especially among the poor, can lead to changes in resource extraction. Recent work has noted potential for reciprocal influences between environment and health particularly in developing countries. She propose examining health-environment relationship around a protected area in Indonesia from a social-ecological systems perspective.

Globally, Indonesia is ranked among the highest in both biodiversity and tuberculosis (TB) burden. These rates make Indonesia an ideal location to begin an examination of health-environment linkages. She hypothesize that TB infection may directly impact biodiversity conservation when forest resources are exploited as traditional medicine or to earn income to seek treatment (primarily through illegal logging). Further, she hypothesize that there are also indirect relationships between TB and resource integrity that are mediated by other factors such as food security, livelihood generation and socio-cultural dynamics.

She will investigate these dynamics by developing an agent-based model (ABM) built on social and ecological data. ABM is a computational technique that simulates complex interactions between "agents" (individuals or groups) and their "environment". Models have been used extensively in ecology, and have recently been used to integrate social and ecological data into a useable framework. ABM helps understand the system-level results of agentactions by applying decision rules that allow agents to learn, adapt to the decisions of other agents, and respond to environmental cues.

She will develop social and ecological model components that are based on primary data collection about the social-ecological system of the study area. As the agents in the social component make decisions, changes will occur in the ecological portion of the model. Changing environmental conditions impact the social component, which, in turn cause further ecological changes. The final model, in which social and environmental component interact, will help understand how TB infection impacts use of natural resources and explore potential feedback mechanisms between environment and health.

The kinds of actors that she include will be determined statistically using social network analysis (SNA) of the study site, and their decision rules will be based on data collected through interviews, surveys and observations. SNA is a technique used to understand social relationships and estimate which groups share information on particular topics. The social portion of the model will also be guided by health data obtained from health data available through health monitoring organizations (such as the World Health Organization) and supplemented by data in health records. The ecological component of the model will estimate conditions of natural resources in reaction to decisions made by agents in the social component of the model. Resource condition data will be obtained primarily through remote sensing.

Data collection in the field will consist of participant observation, informal interviews and, if possible, small group or community meetings. The qualitative data collected using these methods will be used to develop a quantitative survey and a sampling strategy for implementation of that survey. The goal of the multi-method approach is to accurately represent how people make decisions about healthcare and resource use.

There are two conceptual foundations used in this research. Medical anthropology provides structures for developing the bounds of the system of interest, while complex adaptive systems theory provides the foundation for the approach taken to examine and analyze interacting factors.

The goal of this research is to broaden our understanding of interactions between humans and their environments. Past failures to stem the loss of biodiversity clearly indicate that, while some of our current approaches are working, we need to see other avenues to protect ecosystems. This research is designed to be a practical application of interdisciplinary research that will help illuminate potential activities that improve the health of humans as well as the environment on which they depend.

# November

In the middle of November 2014, RPU UKNP found death body of Javan Rhino on patrol in Peninsula Ujung Kulon NP. The coordinate was found of Javan rhino death on UTM 48M 0539440, 925 6601. Please find below the map.

RPU only found skeleton, skull and some of skin of javan rhino. They were assumed that the javan rhino has been dead more or less one month. Based on the skull of javan rhino that RPU found, it was look like the sub adult female of javan rhino. The size of foot print of it was 23-24 cm. There was no indication of poacher due to female javan rhino has no horn and all pieces body still there. In addition to make sure the causes of death of javan rhino, UKNP and RPU collected some samples from the location. They take all the skeleton, skin, soil sample, and vegetation surround of the dead of

javan rhino. All the samples have been sent to Bogor Agriculture University laboratories for further analysis.

However, in this year there are two cases of javan rhino death firstly in the early of this year, we found male javan rhino death in north peninsula and recently in the middle of November. Unfortunately we did not get the result of causes of javan rhino death from Bogor Agriculture University even the death in early this year and the last case. We hope we receive the report soon and know what kind of diseases of cause of it from the analysis.



Please find below some pictures of the activities during evacuation skeleton of javan rhino.





## December:

1. Accompany Steve Wilson, candidate PhD from Queensland University Australia. He has a topic research about Ecology and Conservation Of Indonesian Javan or Lesser one-horned Rhinoceros (*Rhinoceros sondaicus sondaicus* Demarest, 1822) In Ujung Kulon National Park, West Java, Indonesia.

The broad objective of this study is to build a base of Javan rhino research that can be built upon and contribute to the management and enduring conservation of this iconic species. He will use the Javan rhino as a case study species to address the following four specific aims:

- Examination and learning's via the diversity of global rhino conservation approaches, causes of range reduction, conservation approaches for all rhino species; case study: Javan rhino;
- b. Identify current ecological dynamics of Javan rhino in changing landscape (anthropomorphic and natural); rhino utilisation of new Gunung Honje conservation area; and behavioural study via camera trap data;

- c. Identify and review current conservation management actions (field observation and review of effectiveness); including RPU's (rhino protection units) and Javan community involvement in rhino conservation;
- d. Develop recommendations for future Javan rhino management and conservation based on research findings
- 2. Attending of RPU Training in BS NP. Recently, YABI had training for new RPU in BBS NP 12-19 December 2014. The totally participants of training are 30 peoples (all new RPU, from Ujung Kulon 3 people, 9 people from BBS, 14 people from Way kambas and two new keepers from SRS). The presenter and trainer from Police, Army, medical health center, BBS NP, AsRSG, Rescue center, YAPEKA and YABI. Research division had gave material about how to make the report.
- 3. Attending of law enforcement workshop in Bandar lampung. I was as facilitator at the moment. **RESULT AND RECOMMENDATIO** N Law **Enforcement Role** in Supporting Development and Sustainable of Natural Resources in Lampung Province:



- a. Improving of coordination and communication Law Enforcement Role in Supporting Development and Sustainable of Natural Resources in Lampung Province among stakeholders (Ministry of forestry, police department, attorney department, court, local government and Army)
- b. Control of illegal activity related with Natural Resources and ecosystem based on law and consider of justice for suspect and common people and then give shock therapy for suspect
- c. Built of Forum communication law enforcement related with Natural Resources and ecosystem in Lampung Province
- d. Needed capacity building and reward for institution that success and assist on law enforcement related with Natural Resources and ecosystem in Lampung Province

- e. Needed training for institution related law enforcement of Natural Resources and ecosystem (Ministry of forestry, police department, attorney department, court, local government and Army).
- f. Needed revision of regulation of Natural Resources and ecosystem number 5. 1990 such as mention about minimum punishment for illegal activity for Sustainable of Natural Resources.

# Appendix 1:

**Subject**: of the **internal meeting** using SKYPE between HQ with SRS and RPU WK on 4 November 2014.

- 1. Meeting with the head of BBSNP among others, submitting a new RPU for more to be operationalized and grateful to colleagues of RPU who became CPNS, the welcoming from the head office is very well.
- 2. New RPU has been enabled for operation and can produce the arrest of those who violate around Way Kanan and Way Kambas.
- 3. Mr. Ujang is handling the problem; it is expected to be more effectively employment of RPU particularly new RPU.
- 4. RPU had a long leisure time about two months in the first quarter when patrol was only done on the border of BBSNP, and it became a question to Mr. Arief and friends of BBS whether in two months the condition was really safe in view of there was no report, so Mr. Widodo asked Mr. Hartato to perform quick survey and found the rhino.
- 5. The position handover has been already performed well starting from the field coordinator and administration in WK. It has been already enacted the recruitment of new members, and there was SPT from YABI and will conduct trainings immediately.
- 6. It is necessary to hold informal training for RPU BBS, then formal training for new RPU members of WK and BBS that were funded from TFCA coordinated by Mr. Haerudin that the location is likely to be done in BBS. Then, there will be additional training for specialists in BBS and WK related to the field of data then basic ability of patrol ILEU and others as well as monitoring methods. It is expected that early January 2015, the capabilities of new RPU are adequate to the task of the field and ready to collaborate with other institutions.
- 7. It is also possible to assist SRS in spatial and SRS future plans, including programs from Taronga Zoo that the TOR about Volunteer program and eco tours has been made both in BBS and in WK.
- 8. Regarding to the development of rhino feed, Mr. Sumadi should make a report that can discuss together to find possibilities. Funds from Makin or may seek other funding if indeed if want to hire. Rawa Kidang could also be used and it was quite spacious with 25 hectares planted and 25 hectares left.
- 9. Then in case Mr. Haerudin is eager, there are still many small grand under 10 thousand that if we get a target for making a proposal coordinated by Mr. Haerudin. Who will do it, later Mr. Haerudin coordinates it.
- 10. In general, the condition in Ujung Kulon, there are few problems among Ujung Kulon, the National Park, and the community so that much of our work is hampered. When they are

- going to consult to the Head of Section, they are afraid to go to the office so that much of work is neglected.
- 11. Regarding to the control of *langkap*, it is the target in October. We have made other 15 plots, but when we want to ask his permission, he is not available. Actually, it should be done this month while for the field; we have been doing appointment survey to 15 plots that we will cut down. Because it is too long waiting for the permit and most importantly, there is no problem in the field and we have done Anveg in 15 plots. We are simply waiting for the issuance of permit that is approximately completed in November.

# Appendix 2:

Subject: of Data base training by WWF on 17 - 20 November 2015. The discussion and the results of the training database are:

- Introduction to application program of data analysis occupancy and CMR with Camera Trap method that is applied to analyze data and to produce accurate data as well as can be implemented into a report.
- 2. Estimating population size and establishing databases
- Selection and determination of microsatellite markers set with reference samples



4. DNA analysis of faecal samples for determination of individual / gender

From the results of workshop on the data analysis occupancy and CMR can be summarized as follows:

- 1. Introduction to Jim Sanderson program, Renamer, Pdf Creator, Keren Mark and how to operate them.
- 2. Data Analysis Occupancy and CMR using Camera Trap Method by taking the data UKNP.
- 3. All new territory can generate distribution data of rhino and stages of data entry so that result of data cannot be analyzed because there are still some data in the process of data processing into MS Excel and refinement of the data, only in UKNP territory that the data can be analyzed.
- 4. The application is only for those using the Camera Trap method, while we use the Patrol/Survey method.

