



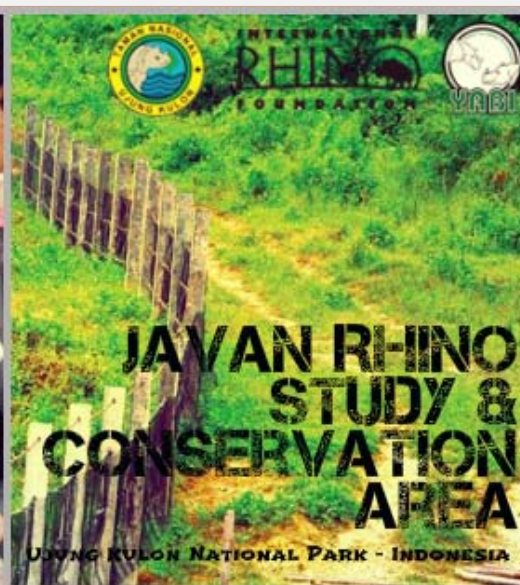
JAVAN RHINO STUDY & CONSERVATION AREA QUARTERLY REPORT (JULY - SEPTEMBER 2014) Habitat Management

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DATE OF VERIFICATION: OCTOBER 21, 2014

JRSCA - YABI



**JAVAN RHINO STUDY AND CONSERVATION AREA (JRSCA) ACTIVITIES:
QUARTERLY REPORT OF JRSCA - YABI
1 JULY - 30 SEPTEMBER, 2014**

PROGRAM HIGHLIGHTS/ACCOMPLISHMENTS

A. HABITAT MANAGEMENT ACTIVITIES:

1. Controlling the vegetation of Langkap (*Arenga obtusifolia*) in JRSCA Areas

JRSCA's total area is about 5,000 hectare, and which is dominated by langkap trees of about 1,730 hectare (Team Habitat Management of JRSCA - YABI, 2014). This langkap domination in the area would suppress the growth of fooder vegetation for the Javan Rhino.

Based on the above conditions, the habitat team had been conducted the activities to control langkap of about 68 hectare of area, in 78 sample plots, whereas 38 plots (during May - August 2011); 15 plots (during November - December 2012); and 25 plots (during February - March 2014). Vegetation analysis had also been conducted before developed 40 plots, which aimed to get the value of the index diversity of the rhino food plant and the number of dominant vegetation types in the sample plots.

2. Monitoring Habitat and Habitat Improvement Activities in JRSCA Areas

- ❖ The team had been conducted grazing area management in Kalejetan area, during July 23 - 29, 2014, by cleaning and pruning vegetation shrub with a total clearance area of about 5 hectares. This activity is aimed to support the observation and monitoring of wildlife activities, and to decrease the space competition intensity between the Javan rhino and Banteng. Through these efforts, the population of Banteng is expected to maximize using habitat on Kalejetan grazing area, whilst the rhino can maximize the use of forest habitats in the area of JRSCA.

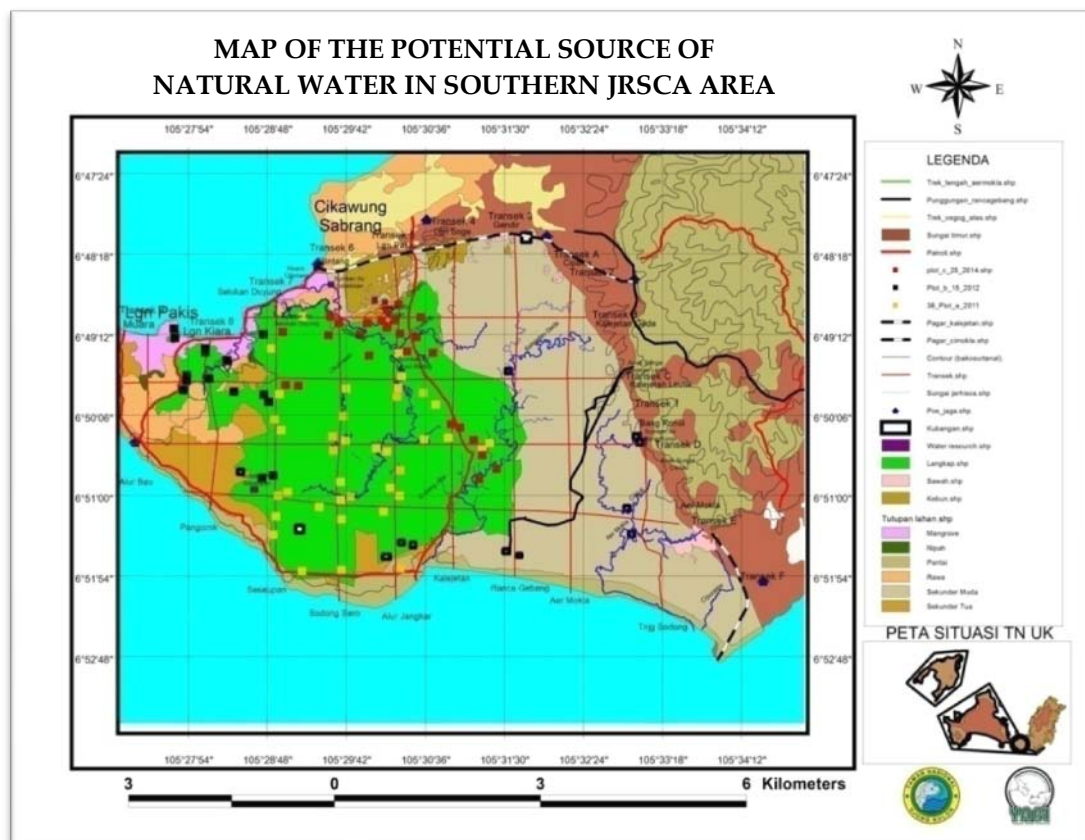


Maintenance habitat on Kalejetan Grazing Area

- ❖ During July-September 2014, a line transect maintenance activities had been carried out by the team, through efforts of cleaning bush vegetation and the clearance of stub track on the south of JRSCA areas. This activity aimed to explore habitat, in order to support the planning of development activities in Southern fences area of JRSCA (Cimahi, Aer mokla, Tanjung Sodong).
- ❖ During July to September 2014 (in dry season), there had been surveyed some watershed (DAS) and detected the location of a potential water resources in the Southern part of the JRSCA areas (River Aer Mokla - Ranca Gebang), then mapping of the water resources in order to plan a water resources to the Ranca Gebang areas (Kalejetan Leutik - Aer Mokla Barat- Ranca Gebang).



Map of a potential source of natural water in the southern part JRSCA areas.



3. Monitoring rhino and other wildlife

The Ujung Kulon National Park Authority reported that during the period of 2008 - 2010 had been encountered 1-2 individual/s of rhino that periodically visit and do not settle in the JRSCA area. The data was obtained by finding of rhino signs as footprint, wallow, feeding, etc.

Since habitat management program has been starting in early 2011, some of the findings of individual rhino showed increasingly visited to JRSCA areas. The findings during July - September 2014 are described as follow :

July 2014:

- ❖ 5 different individual of rhino encountered on July 2014, , with the descriptions of findings : (1) The size of the footprint 22 - 24 cm at the Karang Ranjang; (2) Footprint 23 - 24 cm in Cilintang; (3) Footprint 23 - 24 cm and 24 - 25 cm in Reuma Jati; (4) Footprint 25 - 26 in Cihujan and Ciprepet.



Juli 26, 2014: Encountered a rhino footprints (size 24 - 25 cm) outside the boundary boundary fences JRSCA, close to pillar/ pole number 500 in the Cepak Gadog area, and then the rhino footprints re-entered to the JRSCA area through to Blok Reuma Jati (pillar number 470). The rhino went outside from JRSCA areas; passes through a wire fence , entered to the Santawi/Sara farm's plantation in Cikawung Leutik for foraging activity.



August 2014:

- ❖ Monitoring results in August has estimated at least three of different individuals rhinos entering JRSCA areas with the following descriptions: (1) Footprint with size 24 - 25 cm in the Southern area; (2) Footprint with size 23 - 24 cm in the Rorah Salman areas; (3) Footprint in the plot B12 .

September 2014:

- ❖ Monitoring results in September has estimated at least two different of individuals rhinos entering JRSCA areas with the following descriptions : (1) Rhino footprint (size 24 - 25 cm) on September 2, in Blok Prepet; (2) Footprint (with size 24 - 25 cm) on September 2, in Blok Cilintang; (3) Footprint (with size 24 - 25 cm) on September 28, in Blok Selokan Duyung.

4. Camera/Video Traps Installation Activities in JRSCA Areas

The monitoring activities of Javan rhino in the JRSCA areas by using camera/video trap, had been conducted , as follow :

- training the team habitat concerning techniques and installation of camera/video trap in plots langkap has carried out in July 5, 2014 in JRSCA field office Legon Pakis, Ujung Kulon NP.
- Field survey had been conducted during 6 - 7 July 2014, to determine the placement of 10 units camera/video trap at three different locations in the JRSCA area, where were :
 - 5 cameras at sample plot of controlling langkap 2011 (A28, A30, A33, A34, dan A37).
 - 3 cameras at sample plot of controlling langkap 2013 (B3, B11, B12).
 - 2 cameras at sample plot of controlling langkap (C14 dan C18).



Training the technique and installation using camera/video trap in JRSCA Area

The result of the installation of 10 units of camera/video trap in JRSCA area, in July - August as a follows:

July 2014:



❖ Phase-1 , the 10 units camera/videos on July, had captured video of pig, banteng, deer and adult rhino male (with a scar/*rawing* on his left ear) were recorded by video/camera trap on plot B12 in July 30, 2014 at 04: 14: 57 PM., he was foraging with twisting and break “mara” plants in the plots.

August 2014:



❖ In the phase 2 on August, had captured one adult male rhino (with size of footprint: 24 - 25 cm and have a white mark on his right cheek) in Plot A. 28 in August 27, 2014 at 19: 56: 12 PM., he was eating “kareumi” plants

SOCIALIZATION AND EDUCATION ACTIVITIES :

July 2014 :



Official visits from the BAPPENAS & Directorate KKH - PHKA

- ❖ 22 July 2014: Official visits from the National Development Planning Agency (BAPPENAS) and the Directorate KKH – PHKA (Directorate of Biodiversity Conservation). JRSCA team provided presentation about their activities, then guiding the visit to the locations of sample plots langkap, guard post, installed video/camera trap and fences of JRSCA at Cilintang, also detected the rhino signs.

Augusts 2014:

- ❖ Official visits from Mr. Widodo S. Ramono and DR. Bibhab K. Talukdar during August 7 - 9 and August 17 – 19, to see the progress of fence development in the Southern trajectory between Aer mokla and Tg. Sodong.



- ❖ August 10, 2014: Celebrations of the Indonesian Conservation Day together with students from HIMBIO - University of Padjajaran, Bandung in the location of langkap plot sample.



- ❖ August 25 - 30, 2014:
Expedition from the HIMPRO SATLI, is a professional association of student concerning wildlife conservation of the Faculty of Veterinary Medicine - Bogor Agriculture University. They abled to share about wildlife medical information with the field team, , especially for Javan rhino.



September 2014:

September 7 - 10, 2014: Official visit from the JRSCA Management Plan team of the Park Authority (Ujung Kulon NP) to review the location of sample plots langkap, of post-guard in Cilintang and Cimahi, of installed video/camera trap and fences JRSCA at Cilintang and fences from Aer Mokla to Tanjung Sodong. They also encountered the signs of the rhino. The leader of the visit was Mr. Wawan Gunawan as the Head of Sub Division of Administration of Ujung Kulon NP. Discussion along the visit hopefully would provide some important points for improvement the JRSCA Management Plan document .



- ❖ September 14 - 17, 2014: Mr. Rusdianto as the Field Coordinator for Habitat Management JRSCA –had jointed a working visit activities of the JRSCA Management Plan team - Ujung Kulon NP. The aim of this visit was to carried out a comparative study to the Site of SRS - YABI in Way Kambas NP, Lampung Province. This activity's purpose was to provide an overview of the management of the SRS - YABI which has been running since 1998.
- ❖ September 22, 2014: The habitat team of JRSCA in collaboration with Ujung Kulon NP Officials, the village leader "*sesepeuh*" and communities surrounding the JRSCA areas, undertook a simple ceremony to celebrate of the World Rhino Day in the site office of JRSCA - Ujung Kulon NP, Resort Legon Pakis. This event "*babacakan*" was a kind of tradition to gratitude the achievements of program activities of JRSCA. By this event, JRSCA would hopefully gain a full support from the community surrounding the JRSCA areas.



- ❖ A regular Quran reading activities "*yasinan*", which undertake together with the village leader "*sesepuh*" and peoples surrounding the JRSCA office every friday night on JRSCA office, has strengthened the communication with surrounding community. In the same time, this event provide opportunity to socialize the JRSCA activities.



B. MAINTENANCE OF FACILITIES AND INFRASTRUCTURE ACTIVITIES OF JRSCA:

1. Fences Maintenance

September 2014:

- ❖ The maintenance and cleaning of bush vegetation along the fencing of JRSCA area (from Cilintang Post Guard - Cimahi Post Guard), this activity performed by eight BTO with the processing time for ± 2 weeks.



- ❖ Maintenance activities along the JRSCA steel wire fences (± 5.5 km) with applying used oil for steel wire that the already rusted. Maintenance and cleaning of bush vegetation along the patrol route of the JRSCA fencing area has also been completed, on the width of the path patrol outside and inside the fence (each wide 4 m).



- ❖ Purchasing and repairing waring-net activities with total purchasing of 27 rollers waring-net and maintenance of insulators activities in July - September 2014.

- ❖ July - September 2014: Routine maintenance activities with a bush vegetation clearance along the patrol route of the JRSCA fencing area (Kalejetan post guard - fence of JRSCA) by following the patrol route that has been cleared.



2. Roads and Irrigation Canals Maintenance

August - September 2014:

- ❖ September 26, 2014: Maintenance the bush, ditch/canal irrigations and the addition of a stones on the road between the site offices of the JRSCA at Resort Legon Pakis - Post guard JRSCA in Cilintang, this activity was conducted together with 40 villagers around the JRSCA areas. This activity is an effort to strengthen the relationship between the workers of the JRSCA with the surrounding communities/people to perform common interest in reducing the problems that is inundated during the rainy season. People response was very good and enthusiastic, and hoped that these activities can be used as a routine activity to provide solutions directly to the peoples around the JRSCA area.



3. Operational Vehicle Maintenance Activities

September 2014

- ❖ Operational motorcycle maintenance of the JRSCA was done regularly every month by checking the condition of the spare-parts by mechanical team habitat of the JRSCA.



4. The Post guard/Shelter Construction on Cimahi, Resort of Legon Pakis

August - September 2014

- ❖ The development construction post guard/shelter in Cimahi area started on 7 September 7, 2014 and still under construction on the last of September, the building is devoted to a post guard/shelter for the fence monitoring activities of JRSCA.



C. PERMASALAHAN :

1. There has been a losses 1 (one) unit camera/video trap on a plot number 37 and loss of memory cards on a plot with number 33, needs a team that has the duty to monitor and for minimizing the problem of losing camera/video trap on the JRSCA area.
2. Requires personnel or teams who have special expertise in the field of public relations, with a purpose and function to deliver programs JRSCA to the peoples and stakeholders.
3. Requires personnel/teams who have expertise in compiling the data of the JRSCA, by building a database of good filing system and systematic.
4. Needs to create a water tunnel with a strengthening of the rocks "*batu bronjong*" in some watersheds crossed by fences of the JRSCA.

D. THE WORKING PLAN ON OCTOBER - DECEMBER 2014:

1. The additional of 15 plots to controlling langkap in the dominance area of langkap on the western area of the JRSCA, the purpose of this additional plot is to build a corridor that expected more rhino visits that entered to the JRSCA area.
2. Making transects in the eastern of JRSCA area (Cimahi - Aer Mokla) to determine the potential of the area and refinement the data grid.
3. Installation sign-board on the sample plots that have been clearance.