

ANNUAL REPORT

2024 ALAM SEHAT LESTARI



an affiliate of



ASRI & THE UNIQUE APPROACHES

- Non-profit organization engaged in **Planetary Health**.
- Located in **West Kalimantan and Southwest Papua** and have been replicated in Brazil and Madagascar by Health in Harmony.
- ASRI **integrates** health services to preserve forests to create health, prosperous, and sustainable communities.
- ASRI is dedicated to be **one of the solutions of climate change**, understanding that rainforests are essential for the survival of humanity



1. Planetary Health

- The health of human civilization and the state of the natural systems on which it depends.
- Understanding crucial linkages, cause-effect relationships, and feedback loops between environmental change and human health.
- Recognizing human stewardship of the earth as a primary determinant of future population health



2. Radical Listening

We recognize that local communities are the experts and guardians of precious rainforests, and we work to improve the health of rainforest communities in harmony with ecosystems and our planet.

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EXECUTIVE SUMMARY

In 2024, Yayasan Alam Sehat Lestari (ASRI) continued its mission of integrating healthcare, conservation, and community empowerment to protect Indonesia's rainforests while improving local well-being. Guided by its Planetary Health approach, ASRI ensures that both people and nature thrive together.

This year, ASRI expanded its healthcare services, strengthening TB treatment programs and launching the ASRI Optical Store. In conservation, ASRI planted over 45,000 seedlings to restore degraded land. ASRI conducted various assessments in Tambrau, Papua, to prepare for the program implementation in 2025.

Innovation played a key role, with applying digital data collection using CommCare and bioacoustics to improve conservation monitoring. ASRI's impact was recognized locally and globally, including local government awards, participation in Ashden's Thriving Forests Program, and being featured by BBC Saving Asia and the New York Times.

Looking ahead, ASRI remains committed to scaling its impact, strengthening partnerships, and ensuring long-term sustainability. Despite funding uncertainties and environmental challenges, ASRI continues to lead with resilience, driven by the vision of **a healthier planet for all**.

WHAT'S NEW



In 2024, **ASRI received awards from the Sintang Regency government** for its contributions to education, the community economy, sanitation and clean water, health, and environmental conservation. This recognition highlighted ASRI's dedication to protecting forests through healthcare incentives and supporting planetary health efforts in Nanga Jelundung and Rantau Malam Village. Additionally, **ASRI was honored by the Kayong Utara government** for its role in supporting the Climate Village Program.



“

If there were no TB worker to assist, continuing treatment would be challenging—it would take time, disrupt work, and even then, the medication might not always be available.

D

A Tuberculosis (TB) patient monitored by ASRI



HEALTHCARE SERVICES ASRI CLINIC

ASRI clinic received **9,342** visits from general patients and **1,663** visits from dental patients.

For a year, ASRI Clinic served **7,057** people and provided healthcare services to the community. Many patients sought medical attention multiple times, resulting in **3,967** visits from general patients and **5,375** visits from BPJS-covered patients.



HEALTHCARE SERVICES

ASRI CLINIC

ASRI is committed to making quality healthcare more accessible to communities living near forests. To support this, ASRI offers medical cost discounts to residents of sub-villages that directly border Gunung Palung National Park and are dedicated to its preservation. These sub-villages are categorized into three zones, each with a different discount rate: green (70%), yellow (50%), and red (30%). We also categorize the indirectly border villages into blue village with 50% discount.

In 2024, this initiative supported **3,429** patient visits—**646 from the red zone**, **776 from blue**, **1,255 from yellow**, and **752 from green**.

HEALTHCARE SERVICES

ASRI CLINIC

ASRI Clinic received **25,090** tree seedlings from patients as non-cash payments for their medical expenses. This turned their contributions into reforestation efforts that help restore and protect forests.

A young man with dark hair, wearing a green and white batik shirt, is looking down at a yellow box he is holding in his hands. He is standing in front of a pharmacy shelf filled with various boxes and papers. The background is slightly blurred, showing more shelves and a blue wall.

HEALTHCARE SERVICES

ASRI CLINIC

In 2024, ASRI Clinic treated a wide range of health conditions. The top ten diagnoses reflected the community's healthcare needs. The most common diagnoses included acute nasopharyngitis (common cold), followed by supervision of normal pregnancy, necrosis of the pulp, dyspepsia, and dentine caries. Other frequently treated conditions included essential (primary) hypertension, general health check-ups, pulpitis, acute upper respiratory infections, and unspecified fever.

A healthcare worker wearing a green long-sleeved uniform and a black hijab is standing in a clinical setting, adjusting a piece of medical equipment mounted on a wall. The equipment has various dials, buttons, and a control panel. In the background, there is a control panel with several indicator lights (green, yellow, red) and a window. The overall scene is brightly lit.

HEALTHCARE SERVICES

ASRI CLINIC

At ASRI Clinic, laboratory conducted **4,674 examinations** to help patients better understand their health. Meanwhile, radiology performed **509 examinations** and provided important medical insights.

This year, ASRI Clinic also provided ultrasound services to **115 patients** and helped them better understand their health and pregnancy.



HEALTHCARE SERVICES

ASRI CLINIC

ASRI Clinic helped protect the community by providing immunizations against **16 diseases**, including BCG, polio, DPT, IPV, PCV, Japanese encephalitis, measles, and booster shots. Throughout the year, a total of **386 vaccine doses** were given, ensuring that more people, especially children, received the protection they needed for a healthier future.



HEALTHCARE SERVICES

ASRI CLINIC

Through the DOTS program, ASRI helps tuberculosis (TB) patients stay on track with their medication. In 2024, a team of 10 DOTS workers and one coordinator supported **176 TB patients** and **1 leprosy patient**.

By the end of the year, 86 TB patients had completed their treatment, while 83 continued into 2025. Sadly, 6 patients passed away due to complications from other diseases, and 1 developed drug resistance, requiring advanced care that ASRI couldn't provide. On a positive note, the leprosy patient successfully finished treatment in 2024.

HEALTHCARE SERVICES ASRI CLINIC

ASRI conducted **17 health promotion activities** in various formats, including ASRI Kids/Teens counseling, TB online talk shows, pregnancy classes, secondary screenings, and Chronic Disease Care Program sessions. These programs reached a total of **2,792 participants** (1,659 women and 1,133 men) and helped communities gain valuable health knowledge and support.





HEALTHCARE SERVICES

ASRI CLINIC

ASRI's Mobile Clinic expanded to two new locations, Sawah Sebokor and Air Manis. This expansion made healthcare more accessible to remote communities. Throughout the year, hundreds of patients benefited from this service, with a total of **930 patient visits**. To further support these efforts, ASRI also trained four local health cadres to help identify and address health needs in subvillages where the Mobile Clinic operates, including Pangkalan Jihing, Cali, Matan, and Sempurna.

WHAT'S NEW



Indra, ASRI Kalimantan Director, and Dr. Maria Fransisca Antonelly Schoggers, Head of the Health and Family Planning Office of Kayong Utara Regency, **officially opened the ASRI Optical Store in Sukadana**, offering high-quality and affordable eye care. The event was attended by local officials, community leaders, and representatives from Gunung Palung National Park.

HEALTHCARE SERVICES

ASRI OPTIC

Since its launch in May 2024, ASRI Optical Store has provided eye exams for **329 people**. By December, it had helped many people see more clearly by providing **115 pairs of minus glasses, 21 pairs of plus glasses, and 10 pairs of sunglasses**.



HEALTHCARE SERVICES

ASRI CLINIC



ASRI Clinic's Chronic Disease Care Program kept **153 patients** active and healthy in 2024 through **12 supportive sessions**.



ASRI Clinic provided **baby massage** for **26 infants**, helping them relax, sleep better, and stay healthy.



ASRI Clinic's **Pregnancy Classes** guided **182 mothers-to-be** through **43 sessions** of prenatal education and support.



ASRI Clinic provided **138** home care visits, offered wound care, pain management, catheter support, and health tests, and ensured patients received essential care at home.

A man with dark hair, wearing a bright yellow short-sleeved button-down shirt, is smiling and giving a thumbs-up gesture. He is standing in what appears to be a workshop or a storage area, with wooden shelves and various tools and equipment visible in the background. The lighting is warm and focused on him.

“

Giving up logging was challenging, especially when no alternative jobs were provided. Fortunately, ASRI's program offers capital to help us start a small grocery store. Accessing business funding through ASRI is simple and accessible. Once the first loan is repaid, we can apply for another.

Junaidi

A chainsaw buyback partner who successfully repaid his business capital loan. In 2024, he took another loan from ASRI to grow his second business, a workshop specializing in agricultural tools and machinery.

WHAT'S NEW

In November 2024, ASRI was selected to join Ashden's new **Thriving Forests program**, supported by **the Nature Recovery Project**. This initiative aims to protect and restore one million hectares of forest across Africa, Asia, and South America, strengthening the fight against climate change.



A man with dark hair, wearing a red t-shirt with the ASRI logo and dark pants, is crouching in a nursery. He is looking down at a young tree seedling that has a small white tag attached to its trunk. The background is filled with various other plants and seedlings in a nursery setting.

CONSERVATION REFORESTATION

Reforestation gives the planet a second chance by restoring forests, purifying the air, and protecting wildlife. In 2024, **ASRI reforested 15 hectares** near Gunung Palung National Park, including 6 hectares in Laman Satong and 9 hectares in Sedahan Jaya by planting **45,000 seedlings** sourced from medical payments, Forest Guardians, and the community. These seedlings were nurtured in ASRI's five nurseries.

A man wearing a red long-sleeved shirt with a white logo, a grey baseball cap, and dark pants is working in a dense forest. He is leaning forward, using a tool to clear or maintain the ground. The forest is lush with green ferns and other vegetation. The background is slightly blurred, showing more of the forest.

CONSERVATION REFORESTATION

To protect the forests from fires, the team maintained fire breaks **twice in Laman Satong and three times in Sedahan Jaya**. They also created one new fire break in each area. To ensure water availability for firefighting, they built **15 water ponds in Laman Satong and 10 in Sedahan Jaya**.

A photograph of three women sitting on the floor, holding up rectangular bamboo polybags. The woman on the left is older, with grey hair, wearing a blue shirt and a floral patterned sarong. The woman in the middle is wearing a brown hijab and a blue long-sleeved shirt. The woman on the right is wearing an orange hijab and a blue long-sleeved shirt. They are all smiling and looking at the camera. In the foreground, there are more bamboo polybags and some raw bamboo strips.

CONSERVATION REFORESTATION

To reduce plastic use in reforestation, ASRI collaborates with local communities to make polybags from bamboo. In 2024, they crafted **16,577** of these eco-friendly polybags.

A man with dark hair and a mustache, wearing a white polo shirt with 'ECO-Tourism' printed on it, stands in a dense, sun-dappled forest. He is holding a tree trunk with both hands. The background is filled with various green plants and trees.

CONSERVATION REFORESTATION

The Garden to Forest program aims to help local communities transform their gardens into diverse ecosystems, preserving their historical ties to the land. In 2024, instead of planting new tree seedlings, the focus was on nurturing existing growth by replanting **15** hectares of gardens with 10% of the total tree seedlings planted.

CONSERVATION REFORESTATION



This year, the ASRI team planted **18.000** tree seedlings in Laman Satong and **27.000** in Sedahan Jaya.



A total of **16** maintenance activities were carried out in four ASRI's main nurseries.



ASRI collected tree seedlings from patients and partners, as well as through wilding, with **3,713** from inside and **34,767** from outside Gunung Palung National Park.



The survival rate of tree seedlings cared for in the main nurseries was **98%**

CONSERVATION CHAINSAW BUYBACK

In 2024, **30** loggers made a significant change in their lives. Five were actively cutting down trees, while the other twenty-five were passive loggers. Through ASRI's chainsaw buyback program, they handed over their chainsaws in exchange for capital and business support. With this help, they started new livelihoods such as running small businesses, farming, or fishing. Instead of risking their lives in the forest, they now create opportunities that benefit both their families and communities.



CONSERVATION CHAINSAW BUYBACK

309

chainsaws handed over
to ASRI since 2017

698^{times}

ASRI provided
assistance to MSME
Partners

19^{partners}

have returned business
capital loans to ASRI



CONSERVATION SUSTAINABLE AGRICULTURE

In 2024, ASRI trained **120 farmers** near Gunung Palung National Park in sustainable farming, conducted **84 hands-on support sessions**, and produced **12 tons of compost**. These eco-friendly practices boost harvests while protecting forests for future generations.

CONSERVATION SUSTAINABLE AGRICULTURE

The chainsaws handed over by loggers in the Chainsaw Buyback program were transformed into **cultivators**. ASRI then distributed the cultivators to the Lubuk Tapah farmers' group in Mentubang sub-village to support their farming activities.



As part of the Indonesia Climate Change Alliance (ICCA), **ASRI helped organize a school competition themed 'Responding to the Challenges of Climate Change.'** This initiative was part of the Rural Youth Climate Action Movement (RYCAM), a project supported by SLE Humboldt University, Motivator Pembangunan Masyarakat (MPM), and Jaringan Masyarakat Petani (JAMTANI). The program engaged around 60 participants from six high schools in Kayong Utara Regency.

CONSERVATION DEFORESTATION MONITORING



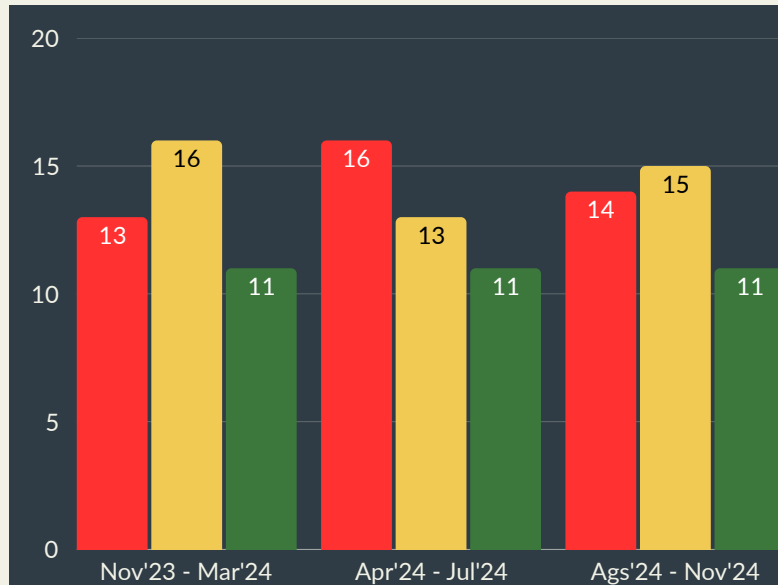
ASRI worked with **55 Forest Guardians** to monitor the areas around Gunung Palung National Park. Beyond monitoring, they helped restore forests by collecting **25.200 tree seedlings**, which ASRI uses for reforestation.



CONSERVATION DEFORESTATION MONITORING

Together, ASRI and the Forest Guardians monitored **40 subvillages** along the park's border, carrying out **124 monitoring activities**. The team's dedication didn't stop there; to ensure a comprehensive view of the area, they also visited **38 subvillages** outside the national park border, performing a total of **147 monitoring activities**. All data collected was used to determine the ecological status of each subvillage.

CONSERVATION DEFORESTATION MONITORING



Deforestation Monitoring Results in 40 Subvillages – Ecological Status

Over three monitoring periods, the number of subvillages with green eco-status remained unchanged. Initially, more subvillages were in the yellow category (16) than in the red (13). However, in the next period, the red category overtook yellow. By the final period, yellow regained the lead with 15 subvillages, while 14 remained in the red category

2 camera traps

were installed in the river to monitor activities that could harm the forest.

10 forest guardians

used CommCare for reporting forest disturbance monitoring results.

6 bi-monthly

forest guardians meetings were conducted, totaling 12 activities. Additionally, three meetings were held with all members.



CONSERVATION GOATS FOR WIDOWS

The Goats for Widows program is a gift from ASRI that brings not just income, but also hope. Additionally, it helps their families develop alternative livelihoods and afford healthcare without relying on logging

89 goats
were newly born

862 times
ASRI provided
assistance to widows

A young man, Kiki Arahman, is shown from the chest up, smiling and looking down at a pair of binoculars he is holding with both hands. He is wearing a dark-colored jacket with a small logo on the left chest and a dark baseball cap with white text. The background is a dense, out-of-focus forest with green foliage.

“

The ASRI Teens field trip was a great experience. I enjoyed nature, improved my observation skills, and learned the value of teamwork and courage. I'm grateful for the experience and highly recommend it to anyone who loves adventure and nature.

Kiki Arahman

A student from SMA Negeri 1 Sukadana who participated in the ASRI Teens Field Trip to Perupuk Camp.



PLANETARY HEALTH EDUCATION

ASRI KIDS & ASRI TEENS

Through ASRI Kids and ASRI Teens, students near Gunung Palung National Park learn how planetary health connects nature and human well-being. They explore forests, health, and conservation through classes, field trips, and hands-on experiences, fostering sustainable habits and a deep connection to nature.

47 **ASRI Kids**

classes were held in six schools

6 **ASRI Teens**

classes were held in two schools

PLANETARY HEALTH EDUCATION COMMUNITY OUTREACH

To deepen understanding of the relationship between health and nature, ASRI visited **27 subvillages** around Gunung Palung National Park, reaching **691 people** by 2024 through community discussions and outreach.



PLANETARY HEALTH EDUCATION

PLANETARY HEALTH CLASS



ASRI held **2 Planetary Health Refreshment Classes** for employees to strengthen their understanding of health and the environment. These sessions helped them integrate sustainability into their work and inspire the community. Additionally, ASRI organized **2 more sessions for TB DOTS workers and Forest Guardians**, reinforcing their role in promoting environmental and public health. **The classes focused on climate change and its impacts**, equipping them to be stronger advocates for a healthier planet and people.

PLANETARY HEALTH EDUCATION

ASRI's Planetary Health Education Manager and a teacher who was mentored by ASRI and the North Kayong Environment Agency participated in the Education for Sustainability Training in Balikpapan. Through Teach 4 Future, they learned effective teaching techniques and environmental education. In addition, **ASRI had the opportunity to serve as one of the mentors for the 2024 batch of the Indonesia Grassroots Accelerator**, a four-month leadership program for grassroots women environmental leaders.





ASRI collaborated with **77** youths to clean up waste in Benawai Agung Village and plant trees in SMAN 3 Sukadana during the World Environment Day.



ASRI held a training session for students from schools in Kayong Utara Regency, empowering them to spread environmental conservation messages to their peers. A total of **52 students** participated in the training and then shared their knowledge with **1,307 other students**.



To support the Movement for Environmental Care and Culture in Schools (GPBLHS), ASRI conducted environmental education sessions for local content subject teachers in Kayong Utara Regency. A total of **30 teachers** participated and learned about Planetary Health, teaching techniques, and lesson planning. After the training, they shared their knowledge with **103 other teachers**. This expanded the program's impact.



“

I used to faint often, but thanks to this health service, I received treatment and medication to prevent it. I'm really grateful for the mobile clinic—it helps my condition.

Theresia

A patient who received health treatment at ASRI Mobile Clinic - BBR



BUKIT BAKA BUKIT RAYA SITE

From January to May 2024, ASRI held three Mobile Clinics. This provided care to **740 patients** and improved access to health services for those in need in Nanga Jelundung and Rantau Malam villages.

BUKIT BAKA BUKIT RAYA SITE



ASRI trained **8 health cadres in Nanga Jelundung and Rantau Malam** villages to educate communities, conduct health screenings, and report health data. Following Indonesia's 2018 health module, they learned about diseases, immunization, and health equity to help their villages build a healthier future.





BUKIT BAKA BUKIT RAYA SITE

ASRI's Livelihood Manager led a hands-on **training where participants learned to make organic fertilizer**, supported by agricultural instructors from the Sintang Agriculture Office. A total of **61 participants** joined the session and gained valuable skills to support sustainable farming. Additionally, to enhance the skills of local tour guides, ASRI invited a chef from the Indonesian Mountain Guide Association (APGI) to **provide a culinary training session**.

BUKIT BAKA BUKIT RAYA SITE



In June 2024, **ASRI, TFCA Kalimantan, and BTNBBBR** held a **project closing event**, which started in Rantau Malam and Nanga Jelundung and ended in Sintang. ASRI invited key stakeholders, including local government officials and representatives from Serawai Health Center. During the meeting, ASRI shared the project's achievements, lessons learned, and recommendations to ensure the sustainability of these efforts in the future.



BUKIT BAKA BUKIT RAYA SITE

In 2024, ASRI held **12** health and environmental education sessions for the community and **13** sessions for ASRI Kids to raise awareness about planetary health and well-being.

PAPUA SITE



In September 2024, **Reciprocity Agreements were finalized based on the** insights from Radical Listening Sessions (2022–2024), the Baseline Survey, and final discussions with local leaders and stakeholders.

PAPUA SITE BIODIVERSITY ASSESSMENT



In 2024, ASRI and partners conducted a biodiversity assessment by setting up two camera traps and six bioacoustic devices **to gather initial insights about the wildlife in Tambrau.**



To provide a robust baseline and biodiversity data, **ASRI collaborated with BBKSDA Papua Barat, BRIN, the Ministry of Health, Gadjah Mada University, and Papua University.**

PAPUA SITE



In Papua, six audio recorders captured **29,000 minutes of forest sounds**, creating a baseline for biodiversity. Now, researchers are listening closely, identifying the species hidden in the recordings.



Radical Listening sessions were conducted in six kampungs in Tambrau, Southwest Papua



A baseline survey in Tambrau, Southwest Papua, was conducted. A total of **131 households** were surveyed across four districts



ASRI collaborated with local universities to conduct baseline surveys, with enumerators from diverse academic backgrounds, including health, anthropology, and forestry.

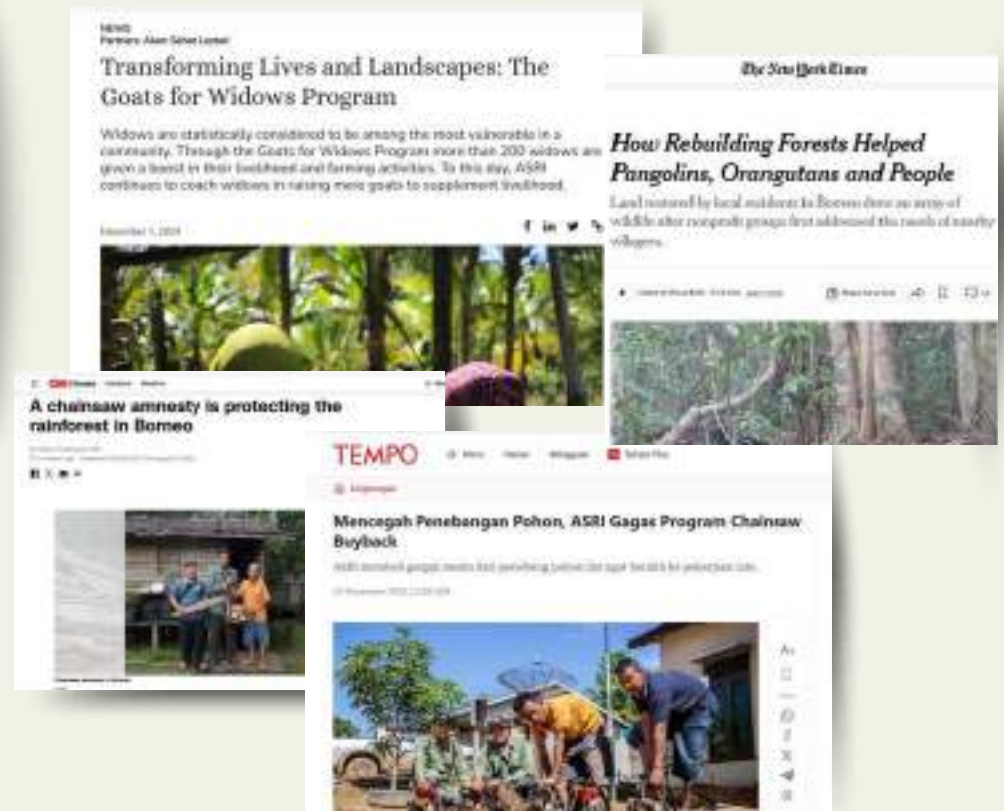
PARTNERSHIP



ASRI collaborated with partners to expand the Planetary Health movement. **ASRI signed MoUs with Indonesia's Ministry of Environment and Forestry, National Research and Innovation Agency (BRIN), and Cooperation Agreement with the Ministry of Health, Gunung Palung National Park office and Bukit Baka Bukit Raya National Park office.** ASRI also strengthened ties with universities, private sectors and participated in Innovation Lab 2024 by Re.Search to connect with new partners.

MARKETING & COMMUNICATION

ASRI was featured in national and international media, including The New York Times, BBC Saving Asia, CNN, Tempo, and many more.



HIGHLIGHT

ASRI was invited to participate in the Villars Institute Summit 2024 in Switzerland alongside other initiatives after being recognized by UpLink (a part of the World Economic Forum) as one of the Top Innovators providing Nature-Based Solutions that are improving the health of people and the planet, in 2023.

PLANETARY HEALTH EXCHANGE

ASRI continued to grow with incredible support from volunteers, interns, and visitors from around the world. In 2024, ASRI welcomed **24 visitors**, six from Indonesia and 18 from abroad, including the United States, Canada, Germany, South Korea, Taiwan, and France. They came from diverse backgrounds, including students, videographers, podcasters, journalists, and writers, all bringing their skills and passion to support ASRI's mission.



RESEARCH & DATABASE

In 2024, camera traps in ASRI's reforestation areas of Laman Satong and Sedahan Jaya recorded **19 wildlife species**, including the Bornean Orangutan. These sightings show that the forest is coming back to life. In addition, ASRI has implemented a monitoring and evaluation system to ensure continuous improvement of its programs.



Researchers tracked seedling survival in ASRI's reforestation sites: **Laman Satong (87.57%), Sedahan Jaya (68.21%), and Garden to Forest (80.46%).**



Soil samples from the reforestation sites were collected from Laman Satong (2009 and 2023 plantings) for comparison, and from Perupuk as baseline data.



ASRI conducted **a medicinal plant inventory in four villages** (Rantau Panjang, Sedahan Jaya, Laman Satong, and Riam Berasap Jaya) and **recorded 123 species used in traditional medicine by local communities.**

WHAT'S NEW



In 2024, ASRI brought technology and innovation into conservation by **switching to digital data collection using CommCare**. This allowed 10 Forest Guardians to monitor forests more efficiently, replacing paper forms with real-time data, including photos and coordinates. This not only saved paper but also made data collection faster and more accurate.

TECH & INNOVATION BIOACOUSTIC & COMM CARE



ASRI's innovation in wildlife identification uses bioacoustic technology, which captures sounds and, with artificial intelligence, identifies species by their vocalizations. In October 2024, six bioacoustic devices were installed in Tambrau, Papua. Then, in December 2024, two more were set up in Laman Satong and Sedahan Jaya, Kayong Utara Regency.

