

KAPUCINO

Kabar Seputar Cerita Inspiratif SCOPI



Headline

Understanding Agroforestry Practices in Social Forest at Mount Puntang

SCOPI Secretariat Team Field Visit

by Swiny Adestika
credit photo: SCOPI

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“Let’s go to the coffee plantation. It’s slightly uphill, only 10 minutes walk,” said Ayi Sutedja, Management of Murbeng Puntang Cooperatives and member of SCOPI Board and Master Trainer, when he accompanied SCOPI Secretariat Team in Mount Puntang, Bandung District (6/3). The coffee plantation, managed by the Murbeng Puntang Cooperative and its farmers is located in a social forest area. By applying the agroforestry concept, there is a total area of 200 hectares planted with Arabica coffee of Typica, Lini S, Ateng, Sigagarutang and Kartika varieties, rounding up to about 200,000 trees.

Agroforestry according to the first Director of the International Council for Research in Agroforestry (ICRAF), K.F.S. King, is a land management system based on sustainability, which increases overall land yield, combines the production of agricultural crops (including trees), forest plants and/or animals simultaneously or sequentially on the same land unit, and implements management methods in accordance with local cultures.



Credit Photo: SCOPI

Editor in Chief Notes

Hi, #CoffeeWarriors!

We hope you and your families are in good health.

Various efforts to prevent the spread of the COVID-19 virus in our environment need to be taken seriously. This is not only the responsibility of Indonesia Government and medical personnels, but also our responsibility. One of them is by doing activities, working and learning from home, and reducing direct interaction with others if it is not urgent.

SCOPI Secretariat follows the Government's instruction by implementing a work from home system from March 16 to April 2, 2020 while awaiting further notice. All coordination is done virtually. We understand that not everyone has that choice. But if we are among those who can still choose for #StayAtHome, this is a good step to protect our beloved family and many others. With prayers for all Indonesian heroes in the frontline.

In the midst of the #StayAtHome period, the March 2020 edition of KAPUCINO wanted to share the positive and inspirational spirit of various Coffee Warriors out there. Starting from the results of our field visit in early March 2020 to Mount Puntang, to learn agroforestry practices, also about SCOPI's participation in the Indonesia Coffee and People Festival. In addition, we share some inspirational figures, namely Yoseph Ronaldi (youngest SCOPI Master Trainers), Henita Astuti (female SCOPI Master Trainers), Tizen Pahri (Coffee Farmer from Kota Pagar Alam) and ABCD School of Coffee (SCOPI Member).

Also check out #CoffeeFacts about how we can recognize the important factors for selecting Arabica Coffee cultivation land. Don't forget to take part in #SCOPIQUIZ! There is an interesting gift from SCOPI :)

Based on the Perspective document Vol. 14 No. 2 / Dec 2015 issued by the Indonesian Industrial and Refreshing Plants Research Institute, coffee-based agroforestry practices have been implemented by farmers in various regions in Indonesia, including in West Java with a pattern of community forest management.

While walking up, the middle-aged man who's often called Abah Ayi, told us about the Arabica coffee trees that he cultivates. "My coffee plantation area is 3 hectares here, planted with around 2.500 Arabica coffee trees. One of them is the Sundanese Typica variety, an indigenous Typica variety or native plants in the Mount Puntang forest," he said.

According to Abah Ayi, coffee farming in the forest area is very good because the coffee trees can grow optimally with an elevation level of 1,200 – 1,500 meters above sea level as recommended for Arabica coffee and due to the shades trees' presence. Vossen (2005) found that shade trees prevents over-bearing through reducing light intensity. In addition, shade trees also prevents the plant from shoots dying to prolong the productive period.



*Abah Ayi Explain to Secretariat SCOPI Team
Credit Photo: SCOPI*

"The shade trees here are varied. We can also harvest it while waiting for the coffee harvest season. There are New Guinea Kauri trees, white leadtree or leucaena, pine, cinnamon, jackfruit and avocado trees," Abah Ayi continued. Shade trees, according to Abah Ayi, are one of the determining factors in coffee plants productivity. Abah Ayi's Arabica coffee tree can produce 2-3 kg of coffee cherries per tree.

Agroforestry practices carried out by Abah Ayi include the application of intercropping. "I also intercropped these coffee trees with herbs such as lemongrass, ginger and chili.

Climb the mountain to Puncak Jaya
See coffee trees grow healthy and
glorious
Keep the spirit and keep working
Let's work and have a cup of coffee
from home

Cheers to #SustainableCoffee!

Paramita Mentari Kesuma
KAPUCINO Chief Editor



Paramita Mentari Kesuma
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Swiny Adestika
Author



Iyat Hamiyati
Author



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Lemongrass is very good to keep pests away because pests do not like the smell," he explained.

Agroforestry practice implemented by Abah Ayi is supported by the Indonesian Government with a MoU with the Ministry of Environment and Forestry (KLHK). "Alhamdulillah, there has been a MoU with KLHK for 190 families related to the right to use Social Forest in Mount Puntang for 35 years," he said.

Not only the good productivity, but Abah Ayi's agroforestry practices in Mount Puntang also received the highest classic bean selling price at the Specialty Coffee Association of America (SCAA) Expo's 2016 auction in Atlanta, Georgia, United States.

"Alhamdulillah, our greenbeans had the highest selling price in an auction at SCAA Expo 2016. Successfully sold for USD 56 per kilogram. I also cultivate my own Arabica species from East Lombok and Caturra varieties. I hope in the future there will be more Indonesian coffee known to the world," Abah Ayi concluded.



Resin Tree (Damar) a Shades for Coffee Plants
Credit Photo: SCOPI



Arabica Sunda Typica Cherry
Credit Photo: SCOPI

When visiting the coffee plantations, SCOPI Secretariat Team also had the opportunity to plant coffee tree seedlings, as well as visit and study the coffee process at Post-harvest facility owned by the Classical Beans Cooperative.

Article

SCOPI Participation at Indonesia Coffee and People Festival

by Paramita Mentari Kesuma



Credit Photo: SCOPI

SCOPI supported the organization of Indonesia Coffee & People Festival 2020 (ICP) held by the Indonesia Coffee People. No less than 3,500 visitors and more than 40 tenants participated in the festival held on February 13-15, 2020 at Halff Patiunus, South Jakarta.

More than just a coffee gathering event, the festival aims to share interesting knowledge about coffee, educate the public about sustainability of coffee industry and exchange creative ideas about the development of creative economy. The initiators of ICP made the London Coffee Festival or Melbourne International Coffee Expo as the reference of the ICP implementation as one of the coffee events that celebrated the Indonesian coffee scene.

"Collective spirit is carried in this festival. We see a phenomenon where the coffee industry progress in Indonesia is generated by the spirit of the Indonesian coffee community," Radiv Annaba, Event Director of ICP 2020 explained. Millennial segments of the 30 years of age and below are the target audiences of this event, with the hope that they can be educated about the coffee business and can later improve the coffee industry as a coffee business activist.

In addition to support the Festival promotion, SCOPI representative also participated as moderator in one of the discussions of the Indonesia Coffee Farmers & Roasters Forum, specifically the "Understanding Sustainability in the Indonesian Coffee Industry" session. The exciting discussion that afternoon presented a series of highly inspiring speakers, namely Mr. Purnomo Widi Eko from Klasik Beans, Kang Irfan Rahadian from Kopi Kiwari, Mas Sriono Edy Subekti from the Bowongso Prosperous Farmers Group, and Mas Ardy Maulana from the Banjarmasin Coffee Office.



Credit Photo: SCOPI

During the discussion, the meaning of "sustainability" was discussed by each speaker. Apparently the understanding of sustainability also varies. Mr. Eko believes that it is important for sustainability to be interpreted as "sustainable + ability" which is nothing but "continuing wisdom". The legacies from the ancestors that became local wisdom need to be applied continuously. On the other hand, Mas Ardy Maulana, emphasizes the importance of sustainability to be translated as a relationship, which means good relationship between farmers and nature in running their business. For him, for businesses to be "sustainable", every layer that exists along the supply chain needs to be aware of their respective responsibilities and roles.

Kang Irfan who pursued his Master Degree in Sustainable Agribusiness in Germany, instilled a breath of balance between people, nature and responsibility towards God in every business. He portrays sustainable as what is in the present must at least be the same as the conditions in the future. Meanwhile, Mas Eed's principle that when humans take things, humans need to return it. For this reason, he and his farmer group always plant Banyan tree seedlings along the river slopes of Mount Sumbing to maintain water availability and prevent landslides and floods. Up to this present, 450 seedlings have been planted along 3 km of the riverbanks.

Profile Master Trainer

Yoseph Ronaldi: I am proud to be a Master Trainer

by Iyat Hamiyati

This Master Trainer who joined in 2018 is the youngest MT among others. His young age, making other MT greet him as "Mas Ronald". The initial journey to become an MT was not easy for Ronald, because he had to go through several tests, both theory and practical tests.

A youngster, born in 1994 from Colol Village, East Manggarai District, was initially joined in a mentoring program conducted by PRISMA with his daily routines of conducting Good Agricultural Practices (GAP) and post-harvest trainings for coffee farmers. The number of farmers who have been assisted by Ronald so far has reached 222 farmers from East Ponoranaka Subdistrict.

As the youngest MT, Ronald certainly showed remarkable achievements. He was chosen as one of the MTs to be included in the program with SCOPI partner, Rainforest Alliance. In addition, Ronald was also named as the best MT by SCOPI at the provincial level of East Nusa Tenggara (NTT) province, based on evaluations by the Grand Master Trainers and SCOPI Secretariat team.



Best "Millennial" Master Trainer for Arabica Coffee, from East Nusa Tenggara



"I am proud to be part of SCOPI Master Trainers program. I realize I still need to increase my knowledge of good and sustainable coffee cultivation," said Ronald.

The emergence of young generation who care about the sustainability of coffee in Indonesia brings a breath of fresh air amid the degradation of coffee farmers today. Mas Ronald hopes that young people will participate in developing and developing coffee in Indonesia.

Profile Master Trainer

Henita Astuti: I want to continue learning and share knowledge I have to coffee farmers

by Iyat Hamiyati



Henita Astuti became SCOPI Master Trainer (MT) in August 2016. Not only being MT, but she also works as a researcher in the Lampung Provincial Research and Development Agency.

"I am interested in becoming a SCOPI Master Trainer because I want to continue learning and obtain latest information in coffee farming, so I can share the knowledge with farmers, to increase their capacity," explained Henita.

Until now, Henita has assisted approximately 30 farmers in 4 districts, namely West Lampung, Way Kanan District, North Lampung District and Tanggamus District.

During 2019, Henita created a "Roadmap for the Development and Application of Cultivation and Post-harvest Techniques in Lampung Province". This year, Henita together with a team supported by PT Indokom are currently developing a "Roadmap for Agroforestry-Based Arabica Coffee Development in West Lampung District". The roadmap plans to involve 119 farmers in West Lampung District with a total area of 112 ha to be developed. The land is currently on hatchery process for Arabica Coffee plants.

As a SCOPI MT, Henita is extremely knowledgeable in handling post-harvest coffee. She realized the importance of spreading information about good and sustainable coffee cultivation to farmers in Lampung province. "In addition to the knowledge that has been taught, I am eager to learn more about climate change, youth and gender as well as management training," she uttered.





Profile Coffee Farmer

**2nd Winner of the
SCOPI Coffee Cupping
Competition**

Tizen Pahri: From Zero to Hero

**Robusta Coffee Farmer from
Kota Pagar Alam**

by Iyat Hamiyati

Mr. Tizen Pahri (31 years old) was the second winner of coffee cupping competition held by SCOPI at the 2019 Trade Expo Indonesia. Tizen, a Robusta Coffee farmer, comes from Muara Tiban Village, North Dempo Subdistrict, Kota Pagar Alam, who assisted by SCOPI's Master Trainer, Mr. Endang.

Tizen becomes a coffee farmer since five years ago and currently has owned 1 ha of coffee plantations consisting of 3.500 trees with a production estimation of 1.7-1.8 tons/year/ha.

"I was assisted by Mr. Endang, SCOPI MT since 2 years ago. I really feel the benefits on productivity increment and all coffee trees in my plantations are in better conditions. Like they say, from zero to hero," Tizen explained.

Before he received the Good Agricultural Practices (GAP) and post-harvest trainings, Tizen did a conventional farming with less treatments so his coffee trees were unhealthy and had low productivity.

After Tizen's coffee won the cupping competition, he was encouraged to produce even better coffee and improve the practice of good and sustainable cultivation. Currently Tizen is busy preparing for the harvest season which will take place in May – August 2020. Tizen hopes that on this year's harvest season, his coffee plantations will have abundant results.



SCOPI Member Profile

ABCD School of Coffee: From Baristas' "Playground" to a Premier Training Campus



A Bunch of Caffeine Dealers or known as ABCD School of Coffee, was established in 2012 by Hendri Kurniawan in Santa Market, South Jakarta. The 2x6 m area of ABCD Kiosk was originally intended to be a private course for baristas, as Hendri himself is a Q Grader (coffee tasting) license holder and International Barista Competition judge. The activity of selling coffee is considered by Hendri to be just a playground for baristas.

"At first, the kiosk was rented as a place to learn to make coffee and as storage. At that time I was on early stage to pioneering a business of Barista School. A few months after renting here, I promised to the market manager to be able to help enliven this market. From there, a coffee shop concept emerged," said Hendri.

In 2014 with Ve Handoyo, Izman Ramadhan, and other barista friends, they made a #drinkcoffeeinmarket event held every weekend to introduce Specialty Coffee to the public. Uniquely, the visitors were not charged, aka free for all coffee served.

"We do not set tariffs because the coffee beans we had also come free from our friends," said the man who is familiarly called by Phat Uncle.

The #drinkcoffeeinmarket event had major impact. ABCD coffee became viral and visited by lots of people everyday. Interest on Specialty Coffee in Jakarta increased tremendously. Then on August 2014, Hendri opened his first coffee class on ABCD kiosk.



Credit Photo: Hendri Kurniawan

"We wanted to provide opportunities for true coffee lovers to taste high-grade coffee beans that normally only available in coffee shops. We wanted to share stories of these coffee bean. We wanted to share story of Gesha coffee or even stories of Robusta coffee," Hendri said.

Currently ABCD School of Coffee, which is also a SCOPI member since 2017, has a 100-times bigger place, in term of size, compare to its first kiosk in Santa Market. This facility that located in Gondangdia, Central Jakarta, has capacity to accommodate more students.

Apart from its extensive area, the facilities at ABCD School of Coffee have been certified by the Specialty Coffee Association (SCA) as an international standard Premier Training Campus. Since 2014, ABCD School of Coffee has graduated more than 2,500 students. Hundreds of graduates have opened their own coffee shops or work as coffee professionals in various cities in Indonesia.

Source: jpnn.com, suara.com and rewritten by Swiny Adestika
Photos credit: Hendri Kurniawan



#COFFEEFACTS

Important Factors on Land Selections for Arabica Coffee



In the Indonesian Plantation Statistics 2017-2019 book for Coffee, issued by the Ministry of Agriculture, the highest Arabica coffee variety production is in the North Sumatra Province, with an estimated area of 70,546 hectares and production of 58,415 tons. The entire Arabica coffee production is in smallholder plantations. Interestingly, the North Sumatra Province also has quite a lot of Robusta coffee production estimated a total of 10,690 tons with a total land area of 22,308 hectares.

Then, how to choose a suitable land for growing Arabica coffee? Climate factors and soil factors become important things that need attention. Let's look at the important points:

A Climate Factors

B Soil Factors

1. Rainfall of 1,500 – 4,000 mm/year

1. Has good drainage system.

2. Has Max. 5 months and Min. 1 month of Dry Months (rainfall less than 60 mm/year)

2. Soil has rich nutrient content with topsoil contains high organic matter (> 3.5%).

3. Has a degree of soil acidity (soil pH) = 5.5-6.5.

3. Average daily temperature of 15-25 degrees Celcius.

4. Has an effective soil depth of more than 100 cm. Deeper soils are needed for areas with low rainfall, especially soils with sandy texture.

5. The suitable height for Arabica coffee is between 1,000 to 1,600 m asl. The right Arabica coffee variety also need to be considered.

6. To reduce fungi attacks and to improve Arabica coffee taste, it is NOT recommended to plant Arabica coffee in less than 900 m asl.

7. Maximum slope of 45%.



Important technical steps on preparing land for Arabica coffee cultivation are available in National Sustainability Curriculum (NSC) created by the Ministry of Agriculture in collaboration with various parties including SCOPI. The NSC module of Arabica Coffee can be downloaded at <https://scopi.or.id/program/kurikulum-nasional/>.

Source: National Sustainability Curriculum, rewritten by Swiny Adestika
Photo credit: Swiny Adestika. Illustration credit: Mulyadi (SCOPI MT)

Land Elevation and Suitable Coffee Variation That Can Be Cultivated

