

PROCEEDINGS

**OF THE INTERNATIONAL CONFERENCE ON
FOOD SOVEREIGNTY AND SUSTAINABLE AGRICULTURE**

**BUILDING OF FOOD SOVEREIGNTY
THROUGH A SUSTAINABLE AGRICULTURE
Challenges toward Climate Change and
Global Economic Community**

FoSSA 2017



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PROCEEDING OF THE INTERNATIONAL CONFERENCE OF FOOD SOVEREIGNTY AND SUSTAINABLE AGRICULTURE (FoSSA 2017) : BUILDING OF FOOD SOVEREIGNTY THROUGH A SUSTAINABLE AGRICULTURE, CHALLENGES TOWARD CLIMATE CHANGE AND GLOBAL ECONOMIC COMMUNITY

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WELCOMING SPEECH



Rector of University of Jember: Drs. Moh. Hasan, M.Sc., Ph.D.

One of the numerous challenges we face today to overcome the problem of uncontrolled human population growth is the imbalance between supply and demand for food and energy. These would impact in general to the environment and the quality of life. To respond these global challenges, the development of technologies for food and natural resources aiming to create sustainable agriculture will play a strategic role.

Efforts have been made by many researchers focusing on the development of technologies and management natural resources, which will lead to the application and improvement of agriculture systems to better provide human needs – especially in the context of food security. Producing adequate food becomes a common goal. However, such efforts to achieve food security have mainly focused on large scale corporate farming and industries. This can have regrettable impacts on small scale food producers as well as on the environment.

Hence, food sovereignty, a relatively new concept which refers to the rights of communities to choose their own policies regarding agricultural development and food production, is no less important than food security. Agricultural development therefore no longer exclusively focuses on producing enough amount of food for the human population. It now also aims to provide larger freedom for small producers and farmers.

We believe that achieving sustainable agriculture is essential in order to achieve food sovereignty. In line with the efforts to develop agricultural innovations, University of Jember has established many facilities and research centers, such as the Agrotechnopark and the Center for Development of Advanced Science and Technology (CDAST). Furthermore, University of Jember fully supports this conference as a medium for researchers to share their research results including technological innovations, and to engage research collaborations in the area of agriculture for the quality and welfare of mankind.

Lastly, I would like to give my warmest greeting to all presenters and participants of this conference. I appreciate your commitment for the successfull of this conference. Thank you.

Jember, August 1st, 2017
Rector,

Moh.Hasan



Dean of Faculty of Agriculture-University of Jember: Ir. Sigit Soeparjono, MS, Ph.D.

Assalamualaikum Wr. Wb.

Praise goes to the most merciful God Allah SWT for the blessings of life and knowledge for us to gather in this meaningful occasion.

To start with, I would like to warmly welcome the heads of both Indonesian and foreign universities to the Faculty of Agriculture, University of Jember, Indonesia. It is a great pleasure to have you

with us today.

This event is a reflection of our faculty's commitment to always improve the quality of our education and to accommodate more and more opportunities in academic collaborations. We have been working hard to refine our agricultural research facilities and to offer students increasingly more comprehensive and extensive methods of learning in the world of agriculture.

Today, the development of modern agricultural systems and techniques has brought us many benefits. However, these benefits have often come at a certain costs, such as negative ecological impacts and the decreasing quality of working conditions for farmers. Such negative consequences have made us realize that agriculture must also take into account the preservation of the environment and the rights and welfare of food producers themselves. This is what we know as sustainable agriculture.

Therefore I believe this international conference will be able to present an interesting discussion on the aforementioned topic, with prominent speakers from Indonesia, Australia, Japan, Sri Lanka, Malaysia, Taiwan, and Philippines, giving a contribution to the development of science, and hopefully encouraging more research on this area.

I would also like to congratulate the Faculty of Agriculture, University of Jember as the main host of this international conference, along with four other co-hosts which include Brawijaya University, Andalas University, Warmadewa University and UPN Jatim. May it support efforts to become world-class universities in the near future.

I also wish to thank all the sponsors who have provided financial support for this event, and to everyone else who has helped make this event possible.

Finally, I would like to convey a warmest welcome to all the distinguished guests and participants of this international conference. We are truly grateful for your presence today. May we have a fruitful discussion and may we all gain new and valuable knowledge.

Wassalamuallaikum Wr. Wb.

Jember, August 1st 2017.

Dean,

Sigit Soeparjono



Message from Chairman: Prof. Dr. Ir. Yuli Hariyati, MS

Assalamualaikum Wr. Wb.

Ladies and gentlemen ...

First of all, I would like to expressed my gratitude to all of you .. for being present and participate in this FoSSA 2017 International Conference. This conference addresses all experts in food sovereignty from many different countries with the main theme of : “**Building of**

Food Sovereignty through a Sustainable Agriculture: Challenge of Climate Change and Global Economic Community”.

Lately, the concept of food-sovereignty and sustainable agriculture are still very attractive among government-officers ... activist ... academician and also grassroot-elements.

Food sovereignty is defined as the right of every person ... every society ... and every country in the world ... to determine its own food policy by prioritizing local food products for their own needs, and forbidding the practice of food trade by means of dumping.

In principle ... each country has their own right to determine and control its own food-production, distribution and consumption systems ... in accordance with local ecological, social, economic, and cultural conditions, as well as its own sovereignty.. no intervention of others.

Food Sovereignty term was first introduced by the international peasant organization La Via Campesina at the World Food Summit (WFS), in November 1996 in Rome, Italy.

Moreover.. Food Sovereignty has even been declared by 400 delegates of farmer organizations, indigenous-peoples, fishermen, NGOs, social activists, academician and researchers from 60 countries at the World Forum on Food Sovereignty in Havana ... September 2001.

Therefore ... currently ... collective bargaining for food sovereignty is a global issue.

FoSSA 2017 International Conference activities will cover four main activities, namely :

- FoSSA2017 International Seminar
- FoSSA Meeting and SAFE Workshop
- FoSSA Cultural-Event
- Bromo Tengger FoSSA-FieldTrip

The seminar covers 5 sub-topics ...

- (1) Food Sovereignty dimensions in sustainable agriculture production systems, current situation, challenges and opportunities;
- (2) Recent advances on the climate change information and mitigation systems in agriculture and its practical implications on small-scale mixed-farming operations;
- (3) Sustainable agriculture production system on food, strategic-products and energy diversifications: policies and lesson learnt;
- (4) Fostering / Building a global action for cooperation and policy development towards sustainable agriculture;
- (5) The local resources utilization and the local-wisdom on sustainable agricultural production systems : with special emphasis on the global economic community.

At this moment ... we are now 258 participants from Myanmar, Japan, Thailand, Sri Lanka, Germany, VietNam, Bhutan, UK, Phillipine, Australia, Korea, Malaysia, and Indonesia... 205 oral presentations and 28 poster presentations and other would be performed..

FoSSA2017 seminar will present 15 speakers ... this morning we have Dr. Nur Masripatin (Director of PPI) ... Dr. Nick Rose (Executive Director of SUSTAIN: The Australian Food Network) and also 13 speakers from Japan, Taiwan, Malaysia, Philippines, Sri Lanka, Australia, and Indonesia.

We would like to thank to The Directorate General of PPI, PTPN X, BRIA-Germany, and The Research Institute – University of Jember for sponsorships.
And also to UPN University .. Warmadewa University ... and Andalas University ... and The Asia-Pacific SAFE Network .. for collaborative-hosting this FoSSA2017 Conference..

Wassalamualaikum WRB

Jember, August 1st, 2017
Chairperson of FoSSA International Conference

Yuli Hariyati

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