

# Programme



International  
Symposium-cum-Workshop

## Sustainable Development in the Context of Globalization and Locality:

Challenges and Options for Networking in Southeast Asia

September 18-22, 2000 in Bogor, Indonesia



*Consortium of:*  
University of Göttingen  
University of Marburg  
University of Kassel-Witzenhausen  
Institut Pertanian Bogor

**Monday, September 18, 2000**

**Programme**

**Senate Meeting Room, 6<sup>th</sup> floor**

- 08.00 **Registration**
- 09.00 **Opening Ceremony and Welcome Addresses**  
Report by Organising Committee – Indonesia  
**Dr Andriyono Kilat Adhi**  
German Embassy - Jakarta  
**Mr Alexander Stedtfeld**  
Vice-President University of Göttingen  
**Prof Dr Hansjürg Kuhn**  
Vice-President University of Marburg  
**Prof Dr Theo Schiller**  
DAAD  
**Dr Renate Schönhagen**  
GTZ  
**Dr Horst Seel**
- 10.00 **Opening Address**  
Rector of IPB  
**Prof Dr Ir M. Aman Wirakartakusumah**
- 10.30 **Break**
- 11.00 **Keynote Address**  
Minister of Agriculture and Forestry  
**Prof Dr Bungaran Saragih**  
"Research in Agribusiness for Indonesian Economic Development"
- 12.00 **Lunch Break**
- 13.30 **Thematic Addresses**

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**Prof Dr Jajah Koswara**, Directorate General of Higher Education,  
Director of Research and Extension

"Research Management in the University"

**Prof Dr Jochen Röpke**, University of Marburg

"Sustainable Development in an Innovating Economy"

**Prof Dr Gode Gravenhorst**, University of Göttingen

"Natural Resources and Our Environment"

15.00 **Break**

15.30 **Dr Renate Schönhagen**, DAAD

"Alumni Activities of DAAD"

16.00 Introduction to the Programme Formation of Scientific Working  
Groups/Questionnaire

**Dr Siawuch Amini**, University of Kassel

**Presentation of Working Groups**

**Group I:**

**Socio Economic Development**

**Prof Dr Michael Kirk**, University of Marburg

**Group II:**

**Natural Resources/Forestry, Plant and Animal Production**

*Sub-Group II a: Plant Production*

**PD Dr Jürgen Kroschel**, University of Kassel-Witzenhausen

*Sub-Group II b: Animal Production*

**Prof Dr Hala Aref**, University of Cairo

*Sub-Group II c: Forestry*

**Prof Dr H.-J. Weidelt**, University of Göttingen

**Group III:**

**Science, Research, Teaching, and Organization**

**Prof Dr Michael Fremerey**, University of Kassel-Witzenhausen

19.00 **Welcome Dinner**

**New Mirah Hotel**

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**Tuesday, September 19, 2000**

**Plenary**

**Senate Meeting Room, 6<sup>th</sup> floor**

- 09.00 The DFG and its Funding System  
**Dr. Peter Alexander Hansen**, DFG  
"Structure and International Relations"  
**Mrs Maja Rentrop**, DFG  
"Instruments for Co-operative Research"

**Group Socio-Economic Development**

**Senate Meeting Room, 6<sup>th</sup> floor**

**Dr Arya Hadi Dharmawan**  
**Prof Dr Michael Kirk**

- 10.00 Agriculture as key sector for Indonesian Economic Recovery – an Input-Output Analysis  
**Candra Fajri Ananda**  
Sustainable Southeast Asia  
**S.M. Doloksaribu**  
Regional Autonomy and Regional Development in Indonesia  
**Patta Tope**
- 11.15 **Break**
- 11.30 Role of Filipino Women in Agricultural Development  
**Florentina S. Dumlao, Lily F. Corpus and Meiji Leones**  
The Role of Patron-client Relationship in Community-based Development: The case of the Philippines  
**Lurli Teves**

12.30 **Lunch Break**

- 13.30 Agribusiness and Sustainable Development: New Orientation of Business Activities under the Framework of Ecological Economy (A Conceptual Analysis)

**Arya Hadi Dharmawan and Eka Intan Kumala Putri**

Agribusiness-Base Regional Development Model of West Java Province, Indonesia

**Ramdhon Bermanakusumah**

The Role of Post Harvest Technology in Agribase Rural Development  
**Edy Hartulistiyoso**

15.00 **Break**

- 15.30 The Role of Organic Farming to The Development of Indonesian Agriculture

**P. Widyasunu and Widodo**

Efficiency of Cocoa Marketing in Indonesia: An Empirical Study in Sikka, East Nusa Tenggara

**Vincentius Repu**

An Analysis of Marketing Efficiency of Agricultural Product (Case Study of East Nusa Tenggara)

**Markus Bunga**

**Tuesday, September 19, 2000**

**Plenary**

**Senate Meeting Room, 6<sup>th</sup> floor**

- 09.00 The DFG and its Funding System  
**Dr. Peter Alexander Hansen**, DFG  
"Structure and International Relations"  
**Mrs Maja Rentrop**, DFG  
"Instruments for Co-operative Research"

**Group II: Natural Resources/  
Forestry, Plant and Animal Production**

**Subgroup IIa: Plant production**

**LP Meeting Room, 3<sup>rd</sup> floor**

**PD Dr Jürgen Kroschel  
Dr Bunga Elim Somba**

- 10.00 Screening of Red Pepper Seedling for Identifying *Phytophthora Capsici* Resistance  
**Widodo**  
Photosynthesis Capacity of Sweet Potatoes Clones  
**F. Mukminah, E. Sodikin, N. Keutgen and M.J.J. Janssens**  
Genetic Analysis on Germplasm of Local Maize Cultivars from Sulawesi  
**Dirvamena Boer**
- 11.00 **Break**

- 11.30 Study of Induced Systemic Resistance of Soybean to Bacterial Pustule by The Root Colonizing Fluorescent Pseudomonads  
**T. Habazar, F. Rivai, A. Bakhtiar, H. Rahma**  
Physical and Chemical Characteristics of Yam Bean Tuber (*Phachyrizus Rich.DC.*)  
**Pieter Rihi Kale**  
The Characteristics of the Arrowroot Starch and its use as the Source of Raw Material for Glucose Syrups  
**N. S. Indrasti, D. Mangunwijaya, Z. Nasution, and N. Chilmijati**
- 12.30 **Lunch Break**
- 13.30 Possibility of Using Plant Biomass as Renewable Energy Source in South-Sumatra  
**Erizal Sodikin**  
Management of Agriculture for Organic Coffee by Using Organic Matter to Improve Sustainability  
**Hudaini Hasbi**  
Biochemical Effects of Neem on Migratory Locust  
**Arinafril**
- 15.00 **Break**
- 15.30 Effect of Sowing Lablab Bean (*Lablab Purpureus cv Rongai*) Under a Maize Crop on Dry Yield and Chemical Composition of Maize and Lablab Leaves in Kupang Timor, Indonesia  
**L. Bernadina, J.D. Kabasa, G. Thinggaard, and U. ter Meulen**  
Sustainable Upland-Rice-Based Agriculture Rice Breeding for Weeds Resistance  
**Taryono, Supriyanta**  
Modelling Soil Erosion in GIS  
**Bunga Elim Somba**

**Tuesday, September 19, 2000**

**Plenary**

**Senate Meeting Room, 6<sup>th</sup> floor**

- 09.00 The DFG and its Funding System  
**Dr. Peter Alexander Hansen**, DFG  
"Structure and International Relations"  
**Mrs Maja Rentrop**, DFG  
"Instruments for Co-operative Research"

**Group II: Natural Resources/  
Forestry, Plant and Animal Production**  
*Subgroup IIb: Animal production*

**UPT Computer Meeting Room, 2<sup>nd</sup> floor**

**Prof Dr Hala Aref**  
**Dr Agik Suprayogi**

- 10.00 Contribution to The Establishment of a Sustainable Animal Production (especially on conservation and use of indigenous animal genetic resources) in Vietnam  
**Tran Thi Mai Phuong**  
Ewe and Doe Productivity under Village and Improved Management System  
**Akhmad Sodik**
- 11.00 **Break**

- 11.30 Efficiency Analysis of the Utilisation of Production Factors on Beef Processing in Small Business Enterprises. A Case Study from West Timor, Indonesia

**Fred Marthinus Dethan**

Volatile Fatty Acids (VFAs) Production under *In-Vitro* Conditions Using *Sauropus androgynus* Leaves

**Agik Suprayogi, Udo ter Meulen, Tonny Ungerer and Chairul**

- 12.30 **Lunch Break**

- 13.30 Importance and Sustainability of Cattle Fattening Farms in West Timor, Indonesia

**Maria Rosdiana Deno Ratu**

Effects of Essential Oil of Spices as Feed Additives on The Growth and Carcass Characteristics of Growing-Finishing Pigs

**Jane S. I. T. Onibala, K.D. Gunther and U. ter Meulen**

- 15.00 **Break**

- 15.30 Dairy Cattle  $\beta$ -Lactoglobulin: Determination of Alleles A and B By PCR and RFLP Analysis Using Plucked Hair and Milk as a Resource of DNA

**Sri Bandiati Komar Prajoga**

**Tuesday, September 19, 2000**

**Plenary**

**Senate Meeting Room, 6<sup>th</sup> floor**

- 09.00 The DFG and its Funding System  
**Dr. Peter Alexander Hansen**, DFG  
"Structure and International Relations"  
**Mrs Maja Rentrop**, DFG  
"Instruments for Co-operative Research"

**Group II: Natural Resources/  
Forestry, Plant and Animal Production**

***Subgroup IIc: Forestry***

**LPM Meeting Room, 4<sup>th</sup> floor**

**Aaron A. Dagang  
Prof Dr H.-J. Weidelt**

- 10.00 The Improvement of Forest Concession Management Planning  
**Sar Rao and Det Seila**  
Reforestation and Forest Rehabilitation in Sarawak  
**Joseph J. Kendawang and Aaron A. Dagang**
- 11.00 **Break**
- 11.30 Conservation of Ironwood (*Eusideroxylon Zwageri T. Et B.*) Through Cutting Propagation Using Indoleacetic Acid (Iaa) and Indolebutyric Acid (Iba)  
**Bambang Irawan**  
Endangered Sandalwood (*Santalum album*) Species in Nusa Tenggara Timur  
**Yonatan Sinlae**  
Nutrient Cycle ss A Means to Assess The Sustainability of Plantation Development  
**Syahrudin, Daddy Ruhiyat and Rachmat Budiwijaya Suba**

12.30 **Lunch Break**

13.30 Genetic Viability of Teak Seedling in Java  
**Wakhid Nurdin**

Structure of The Productive Canopy of Some Mango and Citrus Cultivars

**Aos Mohammad Akyas**

Center of Information Systems for Tropical Agriculture and Forestry: Its Role for Sustainable Development of South East Asia Region

**M.B.M. Malole**

15.00 **Break**

15.30 Role of Non-Timber Forest Products in Sustainable Economic Development: A Study During Indonesian Economic Crisis in East Kalimantan

**Bernaulus Saragih**

Adoption of Improved Tumpangsari Practices on Central Java, Indonesia: Effects on Income Generation, Food Crop Production and Deforestation

**Slamet Rosyadi**

**Tuesday, September 19, 2000**

**Plenary**

**Senate Meeting Room, 6<sup>th</sup> floor**

- 09.00 The DFG and its Funding System  
**Dr. Peter Alexander Hansen**, DFG  
"Structure and International Relations"  
**Mrs Maja Rentrop**, DFG  
"Instruments for Co-operative Research"

**Group II: Science, Research, Teaching and Organization**

**BAU Meeting Room, 3<sup>rd</sup> floor**

**Prof Dr Michael Fremerey**  
**Prof Dr Teresita T. Tumapon**

- 10.00 Higher Education in the Context of Development Cooperation  
**Werner Wasmuth**  
Improving The Management of Higher Education Institution:  
Learning from Indonesian Public Universities  
**Budi Prasetyo, Munakhir Mudjosemedi, and Wisnu M. Haryono**
- 11.00 **Break**
- 11.30 Sustainable Development in Higher Education Management:  
Learning from the Co-operation of Higher Education Institutions  
**Andriyono Kilat Adhi**  
  
Organizing a Magister Management in Higher Education  
**Supra Wimbari and Wisnu Wardana**  
  
University Staff Career Development Programme  
**Singgih Hawibowo, Supra Wimbari, Amitya Kumara**

12.30 **Lunch Break**

13.30 Promoting Effective Research Culture: The Case of The Don Mariano Marcos Memorial State University, Philippines  
**Antonio O. Ogbinar**

Curriculum Revisited: Towards In-Depth Change  
**Teresita T. Tumapon**

Web-based Collaborative Teaching : a Proposal  
**Setyo Pertiwi**

15.00 **Break**

15.30 Development of Revenue Generating Activities at Gadjah Mada University  
Autonomy  
**Wayan T. Artama**

Challenges and Opportunities for IAN-SEAG to Show Their Commitment on Sustainable Development in Eastern Indonesia  
**Khaerul Muslim**

## Wednesday, September 20, 2000

### Plenary

Senate Meeting Room, 6<sup>th</sup> floor

09.00 **Presentation of Results - Scientific Working Groups**

10.30 **Break**

11.00 **International Alumni Networking**

**Dr Boedi Darma Sidi**

“Challenges for Scientific Cooperation: The Indonesian Experience“

**Myrtle Seepersad, MSc**

“From Idea to Action“

### *Alumni Networking*

#### **Group 1: Internet, Website, Homepage, Data Base**

Senate Meeting Room, 6<sup>th</sup> floor

**Dr Andriyono Kilat Adhi**

**Dr Andreas Deininger**

**Ingrid Howe**

11.30 Working Group

12.30 **Lunch Break**

14.00 Working Group: Continued

15.00 **Break**

15.30 Working Group: Preparation for presentation

## Wednesday, September 20, 2000

### Plenary

Senate Meeting Room, 6<sup>th</sup> floor

09.00 **Presentation of Results - Scientific Working Groups**

10.30 **Break**

11.00 **International Alumni Networking**

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“From Idea to Action“

### *Alumni Networking*

#### **Group 2: Publications, Newsletter, Proceedings**

UPT Computer Meeting Room, 2<sup>nd</sup> floor

**Prof Dr Hala Aref**

**Hans Hemann**

**Elke Krause**

11.30 Working Group

12.30 **Lunch Break**

14.00 Working Group: Continued

15.00 **Break**

15.30 Working Group: Preparation for presentation

**Wednesday, September 20, 2000**

**Plenary**

**Senate Meeting Room, 6<sup>th</sup> floor**

09.00 **Presentation of Results - Scientific Working Groups**

10.30 **Break**

11.00 **International Alumni Networking**

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“Challenges for Scientific Cooperation: The Indonesian Experience“

**Myrtle Seepersad, MSc**

“From Idea to Action“

*Alumni Networking*

**Group 3: Scientific Cooperation  
and Higher Education**

**Rector Meeting Room, 2<sup>nd</sup> floor**

**Dr Arya Hadi Dharmawan**

**Prof Dr Michael Kirk**

**Dr Agus Purwito**

**Prof Dr J. Röpke**

11.30 Working Group

12.30 **Lunch Break**

14.00 Working Group: Continued

15.00 **Break**

15.30 Working Group: Preparation for presentation

**Wednesday, September 20, 2000**

**Plenary**

**Senate Meeting Room, 6<sup>th</sup> floor**

09.00 **Presentation of Results - Scientific Working Groups**

10.30 **Break**

11.00 **International Alumni Networking**

**Dr Boedi Darma Sidi**

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**Myrtle Seepersad, MSc**

“From Idea to Action“

*Alumni Networking*

**Group 4: University Staff Development /  
Alumni Office**

**LP Meeting Room, 3<sup>rd</sup> floor**

**Dr Siawuch Amini**

**Prof Dr Michael Fremerey**

**Dr Edy Hartulistiyoso**

**Dr Setyo Pertiwi**

11.30 Working Group

12.30 **Lunch Break**

14.00 Working Group: Continued

15.00 **Break**

15.30 Working Group: Preparation for presentation

## Thursday, September 21, 2000

Senate Meeting Room, 6<sup>th</sup> floor

- 09.00 Presentation of Results - Networking Groups
- 10.30 Break
- 10.45 Establishment of the Alumni-Association, Election of Representatives  
Feedback, Evaluation, Perspectives  
"SEAG Alumni-Networking in the Future"
- 12.00 Lunch Break
- 14.00 Inauguration Ceremony of The German-Indonesia Collaborative Research Center on "Stability of Rainforest Margins in Indonesia" (STORMA)
- 18.00 Bus Transfer to Novotel
- 18.30 Closing Ceremony and Farewell Party of Symposium-cum-Workshop

Verandah Restaurant, NOVOTEL

## Friday, September 22, 2000

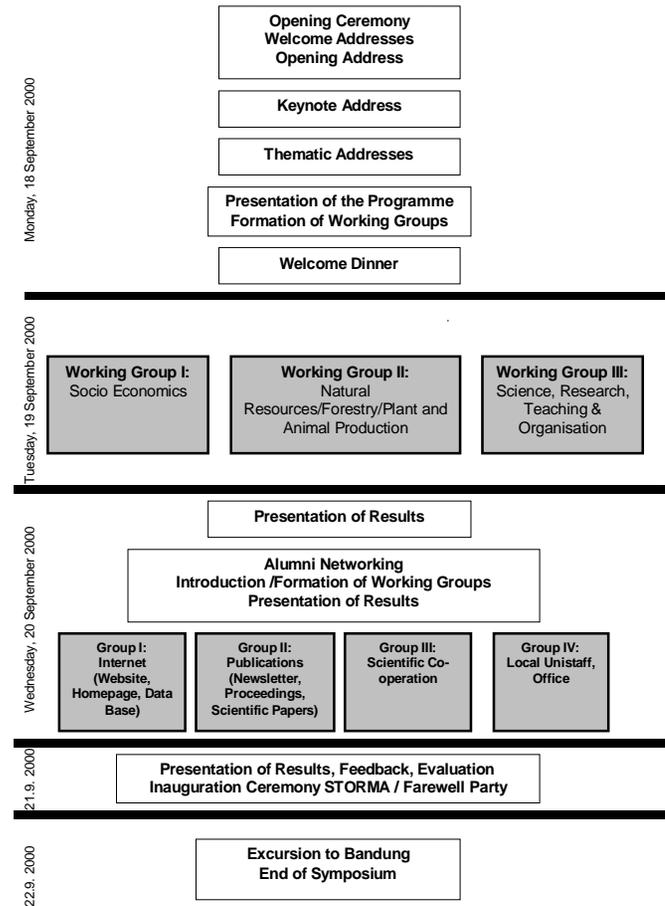
Puncak - Bandung

- 07.00 Field Excursion to Puncak / Bandung
- 
- 22.00

## Saturday, September 23, 2000

- Up to 12.00 Departure of Participants

### International Symposium-cum-Workshop Sustainable Development in the Context of Globalisation and Locality: Challenges and Options for Networking in Southeast Asia



Organizing Committee  
Agus Purwito  
Andreas Deininger  
Andriyono Kilat Adhi  
Arya Hadi Darmawan  
Baginda Siagian  
Burhanuddin  
Diah Ratnadewi  
Diethard Mai  
Dwiyana Hendrawati  
Dyah Rukmitasari  
Edy Hartulistiyoso  
Elke Krause  
Hala Aref  
Hans Hemann  
Ingrid Howe  
Michael Kirk  
Myrtle Seepersad  
Rachmat Surawijaya  
Satyawan Sunito  
Setyo Pertiwi  
Siawuch Amini  
Sri Mulatsih  
Sudarsono Jayadi  
Syarifah Iis Aisyah