

11.15 – 12.30 **Project groups (parallel sessions)**

- Strategic positioning (thematic, overarching aims)

**Project Group A** – *Environmental processes* (Dirk Hölscher & Marife Corre)

**Project Group B** – *Biota and ecosystem services*  
(Teja Tscharntke & Holger Kreft)

**Project Group C** – *Human dimensions* (Heiko Faust & Meike Wollni)

12.30 – 13.00 **Group feedback and discussion in the plenum**

13.00–14.00 **LUNCH**

14.00 – 15.00 **Consolidation / Review and Outlook**

- International Symposium 2018
- Review and Outlook (Speakers)

15.00 **CLOSING / COFFEE**

# Retreat

1–2 November, 2017

Conference Center  
Trans World Hotel Freizeit Auefeld  
(Hann. Münden)



## AGENDA

Wednesday	<i>Status of research of EFForTS</i>
Thursday	<i>Strategic positioning of EFForTS: foci, groups</i>

### Wednesday, November 1

#### Welcome Conference Center

9.30–10.15	Project progress (Speakers)
10.15–16.45	Status of research: scientific projects A, B, C, Z02 & INF <i>Status quo / progress report of each scientific project (achievements, way forward)</i>

#### 10.15–11.30 **A Group – Environmental Processes**

- A01: *Long-term vegetation dynamics and functions of the ecosystems in the Province of Jambi*  
(Siria Biagioni)
- A02: *Tree and palm water use*  
(Joyson Ahongshangbam & Florian Ellsäßer)
- A03: *Water-, energy- and CO<sub>2</sub>-fluxes in an oil palm plantation during the 2015-2016 ENSO: results from micrometeorological measurements and CLM-Palm model simulations*  
(Christian Stiegler)
- A04: *Soil carbon losses and soil characteristics in riparian areas*  
(Nina Hennings)
- A05: *Tree-stem and canopy-soil emissions of N<sub>2</sub>O in oil palm plantations*  
(Marife Corre)
- A07: *The impact of alternative plant growth hypotheses for predicting carbon and water fluxes of rubber plantations*  
(Ashehad Ali & Rahmi Ariani)



Georg-August-Universität Göttingen



Institut Pertanian Bogor



Universitas Jambi



Universitas Tadulako Palu

11.30–12.30 **B Group – Biota and ecosystem services**

- B02: *Impact of rainforest conversion: how prokaryotic communities respond to anthropogenic land use changes* (Dirk Berkelmann)
- B04: *Diversity of tree hydraulic strategies in intensively used and natural tropical landscapes* (Christoph Leuschner)
- B05: *Land use patterns in Jambi – B05 activities* (Kira Urban)
- B06: *Plant diversity, forest dependency, and alien plant invasions in tropical agricultural landscapes* (Katja Rembold)
- B07: *Land transformation causes loss of species richness and functional shifts in fungal communities* (Aisjah Rachmawaty Ryadin & Johannes Ballauff)
- B08: *Structure and functioning of the decomposer system in lowland rainforest transformation systems* (Valentyna Krashevska & Anton Potapov)

12.30–13.30 **LUNCH**

- 13.30–14.15 B09: *Aboveground biodiversity patterns and processes across rainforest transformation landscapes* (Kevin Darras)
- B10: *Land-use change in oil palm dominated tropical landscapes – EFForTS-ABM: an agent-based model to explore ecological and socio-economic trade-offs* (Jan Salecker)
- B11: *Tree islands in a sea of oil palms: biodiversity effects on ecosystem structure and functions* (Clara Zemp)
- B13: *Trophic plasticity of soil living oribatid mites along a transformation gradient in a tropical rainforest in Sumatra (Indonesia) as indicated by stable isotopes (<sup>15</sup>N, <sup>13</sup>C)* (Mark Maraun)

14.15–15.30 **C Group – Human dimensions**

- C01: *Rubber and palm oil production and markets: from Jambi to the world* (Bernhard Dahlheimer & Ella Sujarwo)
- C02: *Smallholder perspectives on socio-cultural and socio-ecological transformations* (Heiko Faust)
- C04: *Mitigating trade-offs between economic and ecological functions and services through certification* (Jann Lay)
- C06: *Encouraging the acceptance of ISPO and RSPO certification for Indonesian small-size farmers – an experiment of policy impact analysis* (Arieska Wening Sarwosri)
- C07: *Drivers of land-use change and socioeconomic effects at household level* (Christoph Kubitzka)
- C08: *Promoting sustainable land use in oil palm systems* (Miriam Romero & Katrin Rudolph)

15.30–16.00 **COFFEE BREAK**

16.00–16.15 **Z02 – Central scientific service project**

*Canopy Fogging: current status* (Jochen Drescher)

16.15–16.45 **INF - Research data management and integrative statistical analyses**

*Data management, GIS / Remote Sensing and statistical consultation in EFForTS - progress and outlook* (Timo Gnadt & Paul Magdon)

16.45–18.45 **Project Collaboration: Report & Feedback (Indonesian Delegation)**

- Achievement : Strength and Weakness
- Access Benefit Sharing (ABS) -measure program
- Way forward

19.00–open end **DINNER AND SOCIAL GATHERING**

**Thursday, November 2**

7.00–8.30 **BREAKFAST**

8.30–10.00 **Status of research: Foci 1 – 4** (parallel sessions)

- Achievements
  - Way forward: short- and medium-term milestones (2018-2019)
- Focus 1: *Biodiversity-profit trade-offs in Indonesian smallholder agriculture: current status of interdisciplinary manuscript* (Ingo Grass & Oliver Mußhoff)
- Focus 2: *Quantifying the effects of spatial, temporal and social heterogeneity on ecological and socioeconomic functions* (Matin Qaim & Holger Kreft)
- Focus 3: *Scaling-up of ecological and socioeconomic functions from local to landscape and broader scales* (Stephan Klasen & Thomas Kneib)
- Focus 4: *Towards more sustainable land use in lowland tropical regions* (Bernhard Brümmer & Teja Tschardtke)

10.00–10.45 **Group feedback and discussion in the plenum**

10.45–11.15 **COFFEE BREAK**