

## **SURED/GAWN Seminar**

**on**

### **“Management of Water and Land Resources in Central Kalimantan, Indonesia”**

**Date:** 24 – 28 August 2008

**Place:** Hotel Cempaka, Jakarta-Pusat, INDONESIA

**Organization:** Prof. Dr.-Ing. Uras Siahaan lic.rer.reg.,  
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In cooperation with  
University of Karlsruhe, Karlsruhe, Germany  
Universitas Indonesia, Jakarta, Indonesia  
Universitas Palangkaraya, Palangkaraya  
GAWN, the German Alumni Water Network

**Topics and Goals:** Regional knowledge together with international experience shall be integrated to find solutions for pressing problems in Indonesia, namely on the Island of Kalimantan. The management of water and land resources has to be part of a more holistic concept, a master plan, which integrates spatial planning, nature protection and the application of appropriate practices and policies. Central Kalimantan is endangered through legal and illegal logging, mining activities, wrong agricultural policies etc. This SURED/GAWN Seminar & Workshop shall bring these and associated problems at a common platform, allowing alumni from Indonesia and other countries,

- to express/share their regional and international experience and expertise,
- to mobilize researchers, policy makers and planners to prepare society for possible threat of impending water crises and related problems,
- to strengthen the academic and economical ties/cooperation between Central Kalimantan Government and German organizations and with German industry active in the region.
- to make available data/information sharing for common cause of humanities,
- interaction among the experts, researchers, professionals and research scholars from various parts of world,
- to increase awareness among the public through common appeals based on consensus between scientific communities,

to promote regional and advanced techniques in mitigating water crises and other problems at regional level taking into account the pros and cons.

**Measures:** The planned SURED/GAWN Seminar in August 2008 will bring together scientists and professionals, giving a forum for the exchange of information and vivid discussions to meet the needs of water and land resources management in Central Kalimantan.

This Seminar shall be **the first** of a row of **three seminars**, out of which the second one shall be performed directly in the Project area, in Central Kalimantan.

The goal of the first Seminar & Workshop will deal with the realities of Central Kalimantan, including its grave problems. The second one shall discuss possible solutions and the third one shall arrive at conclusions, shall formulate final recommendations and develop a Master Plan.

### **Programme:**

#### **Sunday, 24 August**

Arrival and Registration for Indonesian Alumni from outside Jakarta and for Foreigners  
20:00 Dinner

#### **Monday, 25 August**

08.00-09:00 **Registration**  
09:00-09:30 **Opening Ceremony**, Addresses from Governor of Central Kalimantan, Governor of Jakarta & DAAD Director  
09:30-10:00 **Coffee Break**  
10:00-12:00 **Plenary Session / Keynote Speeches**  
Prof. Dieter Prinz: Water Management for Wetlands  
Prof. Günther Uhlig: Green Settlements for Wetlands to Anticipate Global Warming  
Prof. Bernhart: Open  
Prof. Nepl: Open  
Prof. Putuhena: Open  
12:00-13:00 **Lunch break**  
13:00-14:30 **Country Presentations I (India, China, Philippine)**  
India: Vertical Hydraulic Flux and Hydrological Responses in Wetlands  
Philippine: Flood Risk Management in the Philippines, Country of Islands  
China: The Effect of Global Warming on Water Management in China  
Indonesia: Management Pattern of Kahayan River, Kalimantan  
14.30-15.00 **Coffee Break**  
15:00-17:00 **Problems Presentation about Central Kalimantan**  
Ministry of Public Works: River Condition & Wetland Area in Central Borneo  
Water System Service of Central Kalimantan: Irrigation Development in Central Borneo during the last 30 years  
Water System Service of Central Kalimantan: River Transportation Problems in Kalimantan  
Wetland International / CKPP: Integrating Wetlands into Watershed/River Basin Management  
19:00-21:00 **Welcome Dinner and CULTURAL NIGHT**

#### **Tuesday, 26 August**

08:30- 9:00 **Plenary Session** – Announcements and Synopsis of Day 1 Activities  
09:00-10:30 **Call of Papers Presentations** - 3 Papers of Alumni in Indonesia  
North Sumatra: Environmental Problems in Lake Toba through Pulp Industries  
Central Java: Computational Methods and Mathematical Models to Simulate Sustainable Water Resources Development  
North Sulawesi: Coastal Fresh Water Resources Management & Development  
10:30-11:00 **Coffee Break**

- 11:00 -12:00 Aceh: Seawater Intrusion and its Prevention in Aceh Province  
West Sumatra: Associated Health Hazards and Environmental Pollution
- 12:00-13:30 **Lunch break**
- 13:30-15:00 **Country Presentations II (Vietnam, India, Nepal, Pakistan, Germany)**  
Vietnam: Water Transportation through Canals and Interlinking of Rivers  
India: Indian Experiences in Biodrainage  
Nepal: Water Logging and Associated Problems and Their Management  
Pakistan: Water Resources Management in Pakistan with Special Reference to Water Conservation Measures in Agriculture  
Germany (ECONID): Indonesian Economy in the Era of Globalization and further Impact on the Future of a Development Country
- 15:00-15:30 **Coffee Break**
- 15:30-17.15 **Presentation of Papers from Alumni and Guests**  
Central Borneo: Community Participation in River Bank Settlements Upgrading Programs. Case: Flamboyan Settlement Palangka Raya.  
The Architecture of the River Bank Settlements in Palangka Raya.  
DKI Jakarta: Open  
Bandung: The Application of Constructed Wetlands to Treat Wastewater from Tofu Industry and Slaughtering Houses.  
Yogyakarta: Comprehensive Study of Utilization of Abundant Wild Grown Plants in the Central Borneo Province to Produce an Alternative Fuel.
- 17:15-18:45 **GAWN / SURED Alumni Meeting**
- 19:00 – 23:00 **CLOSING CEREMONY AND FAREWELL DINNER**

### Wednesday, 27 August

#### **Workshop on Central Kalimantan**

- 08:30- 09:00 **Summarizing the Framework Conditions of Central Kalimantan**
- 09:00-10:30 **Group Discussions**
- Group I: Land Degradation and Land Conversion,
  - Group II: Flood, Drainage and Water Quality Problems,
  - Group III: Infrastructure and Settlements
- 10:30-11:00 **Presentation of Results and Discussion**

#### **Field excursion tour to the ‘Thousand Islands’, Waterfront City, Jakarta**

- 11:15 **Departure by Bus**
- 18:00 **Back to the Hotel**
- 19:00 **Dinner**

### Thursday, 28 August

Check Out from Hotel and Returning Home

#### **STEERING COMMITTEE:**

Prof. Dr.-Ing. Uras Siahaan  
Prof. Dr. Dieter Prinz  
Prof. Dr. Putuhena  
Ir. M. Doloksaribu M.Eng.  
Ir. Pinondang Simanjuntak MT