



GAME-T WS
in Chiang Rai, 2002

Research Inst. for Humanity and Nature

<http://www.chikyu.ac.jp>

IIS, University of Tokyo

Taikan Oki

Workshop is not a Conference!!

- **GAME-T is an international platform for hydro-climatic research activities.**
- **Exchange ideas and discuss together:**
 - **What are the latest new findings?**
 - **What kind of data is/will be available?**
 - **What do you want to know?**
 - **How do you want to involve us?**
- **How GAME-T should look like in 2005?**
- **How should be the GAME-T structure for both international and domestic frameworks?**
- **→ Drafting Scientific & Implementation Plan**

Objectives of the Workshop

- **Set the target of the GAME-T related research in each country:**
 - What are the most critical issues relevant to hydro-climatology in the region?
 - How to approach to the issue through research?
 - What kind of research is needed?
 - How to organize these research activities?
 - What kind of support is required to maintain and synthesize these research activities?
- **Re-activate the domestic and international committees/communities of GAME-T**

Environmental Situation

- **GAME2 International Science Panel (GISP)**
 - **Lead by Prof. Tetsuzo Yasunari**
 - **One Regional Representative from Thailand**
 - **Research topic oriented representatives:**
 - **Water Resources Application Project (WRAP) group: Thada Sukhapunphan and Taikan Oki**
 - **Modeling group: (Takehiko Satomura)**
 - **Monsoon system study: lead by Jun Matsumoto**
 - **Water and Energy Balance Study (WEBS)**
 - **L-Atmospheric Boundary Layer**
 - **Cloud and Precipitation**
- **GISP 2002 in Tokyo, November 6-7.**

GAME-T2

- **Program-project framework** (multi-funding) from a few countries will be implemented.
 - Japan: MEXT/RIHN, JST/CREST, JAMSTEC, NASDA, JICA, Thai: MOAC, NRTC, USA: NSF...
- **Related programs:**
 - CEOP (IGOS)
 - GLASS, GCSS, WRAP (GEWEX)
 - WWDR, WWAP, HELP, IHP, PUBs(UNESCO)
 - IGBP?
- **Time frame:**
 - ITP 2 years, Apr 2002-Mar 2004 (GAME-2)
 - + 3 years, Apr 2005-Mar 2008 (GAME is over)

Scientific Objectives of GAME-T2

- **Promote hydrometeorological science in Tropical Southeast Asia**
 - Numerical modelings
 - Satellite data assimilations
 - Data sharing and communications
- **Social application of the latest scientific achievements**
 - Advanced hydrometeorological monitorings
 - Comprehensive water resources assessments
 - Integrated water resources management



Continuation from GAME-T

- **GAME-T Workshop** once a year
- **Flux** measurements at: Kog-Ma, Pan Khum Watershed, SiSamrong, Shkhothai paddy field, teak forest, cassava, and EGAT tower
- **Raingauge** network in MaeCham river basin
- **Radar** observations
- **Radiometers**
- **GPS** stations
- **Royal Projects** and new Thai project
- **AVHRR & MODIS** data receiving
- **+CEOP** rawinsonde & wind profiler

2000.3.5

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Thank you.



2001 Workshop on GAME-T in Thailand
during 5-7 March 2001

Enjoy the Workshop!

