

# Indo-Japan Joint Workshop

## ***Socioeconomic/Hydroclimatological***

## ***Perspectives of Future Asian Monsoon***

Time: 11<sup>th</sup> Feb. 2019, 10:30-17:40

Venue: As311/312, **As Block**, Komaba Campus,  
IIS, The Univ. of Tokyo

**CAUTION!!**

Only the Main Gate of the Campus will Open.

Building is Open only 10:00-10:30. To request for instruction to enter after 10:30,  
PLEASE MAIL TO [terao@ed.kagawa-u.ac.jp](mailto:terao@ed.kagawa-u.ac.jp) WITH SUBJECT "IIS-WS" BY 17:00 ON 9 FEB.

### **Program**

#### ***Workshop on Socioeconomic/Hydroclimatological Perspectives of Future Asian Monsoon***

Session 1: Dialogue between hydroclimatology and history

<Lunch>

**Please prepare your own lunch box**

Session 2: Ecological environment and social and institutional development

Session 3: Famines and pandemics in 19th century India

### **IIS Special Lecture 16:25-17:35**

***A perspective from the Meghalaya Plateau, the wettest place on the Earth***

**Prof. H. J. Syiemlieh (North Eastern Hill University)**

**The most rainy belt of Meghalaya Plateau – Sociological, archeological and hydroclimatological approaches**

**Discussant:** Jun Matsumoto (Tokyo Metropolitan University / JAMSTEC)  
Sayako Kanda (Keio University)

**Hosted by Institute of Industrial Science (IIS), the University of Tokyo**



**Sponcers:** Environment Research and Technology Development Fund S-14 "Strategic Research on Global Mitigation and Local Adaptation to Climate Change (MiLAI) of the Environmental Restoration and Conservation Agency / Quest for Ecological and Sustainable Economies in Eurasia: Historical Paths and Future Strategies (ESEE), MEXT-Supported Program for the Strategic Research Foundation at Private University, Keio University / The Hydrosphere and Socioeconomics in Modern Asia: Exploring a New Regional History Using a Database and Spatial Analysis (HySoc), JSPS Grant-in-Aid for Scientific Research (S) / International Consortium for Earth and Development Sciences (ICEDS), Kagawa University

## Program

### Workshop on Socioeconomic/Hydroclimatological Perspectives of Future Asian Monsoon

10:30-10:35 **Opening Remarks: Sayako Kanda**

10:35-11:55 **Session 1: Dialogue between hydroclimatology and history**

**Chair: Masashi Kiguchi**

**1. Toru Terao** (Kagawa University)

Reconstruction of the hydroclimatological behavior of Asian monsoon based on satellite rainfall estimation

**2. Satoshi Murayama** (Kagawa University)

Agricultural crises due to flood, drought, and lack of sunshine in the East Asian monsoon region: An environmental history of Takahama in the Amakusa Islands, Kyushu, Japan, 1793-1818

<Lunch>

12:40-14:00 **Session 2: Ecological environment and social and institutional development**

**Chair: Sayako Kanda**

**3. Asuka Yamaguchi** (Nagoya City University)

Energy use in Japanese copper industry from the Meiji period to WWI

**4. Haruhisa Asada** (Nara Women's University)

Ecological structure of the multi ethnic society in Assam

14:10-16:10 **Session 3: Famines and pandemics in 19th century India**

**Chair: Tomoko Shiroyama**

**5. Michihiro Ogawa** (Kanazawa University)

Reconsidering the great famine (1876-1878) in western India from a meteorological perspective

**6. Seemanta Bhagabati** (the University of Tokyo)

Understanding the great famine of the 19th century in the Indian subcontinent from the hydrological perspective

**7. Kohei Wakimura** (Osaka City University)

Cholera Pandemics and the Problem of Water in 19th Century India

<Tea Break>

### IIS Special Lecture Series of Foreign Researcher

**A perspective from the Meghalaya Plateau, the wettest place on the Earth**

16:25-17:35

**Opening Remarks: Masashi Kiguchi**

**Lecture: Prof. H. J. Syiemlieh** (North Eastern Hill University)

**The most rainy belt of Meghalaya Plateau – Sociological, archeological and hydroclimatological approaches**

**Discussant:** Jun Matsumoto (Tokyo Metropolitan University / JAMSTEC)  
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17:35-17:40 **Closing Remarks: Toru Terao**