

4<sup>th</sup> Asia 2k workshop in Kyoto, Japan  
(19-20, March, 2015)

Day 1 (19 March)

09:00-09:10 *Opening Remarks* (Takeshi Nakatsuka)

09:10-09:30 *The PAGES 2k Network Phase 2* (Lucien von Gunten)

09:30-09:50 *Purpose of this WS* (Xuemei Shao, representing Quansheng Ge)

Take picture/coffee break/Poster section

\*Marumoto: *the database of climate disasters from AD 601 to AD 1200.*

\*Okazaki: *Quasi twentieth century reanalysis with stable water isotopes and comparison with observations and proxies.*

10:20-12:00

Chair, Jonathan Palmer

Modelling & Statistics

- Edward Cook, *The Monsoon Asia Drought Atlas-Version 2*
- Huan Zhang, *Long-term memory in tree-ring proxies and its influences on climate reconstructions*
- Jianghao Wang, *Asia 2k in a broader context: a comparison between regional and global surface temperature reconstructions*
- Feng Shi, *Tree-ring reconstruction of the South Asian summer monsoon index over the past millennium*

Lunch time (12:00-13:00)

13:00-13:45

Chair, Takeshi Nakatsuka

Lake or Ocean sediments

- Philipp Munz, *Decadal-scale record of Indian Ocean wintern monsoon intensity over the past two millennia*
- Min-Te Chen, *A new window for probing tropical ocean climate during LIA and MWP: Mud drift sediments in the East China Sea*
- Hodaka Kawahata, *Alkenone SST and atmospheric temperature during the last 3000 years in western Japan*

13:45-14:00

Chair: Hemant Borgaonkar

Cave deposit

- Naveen Ghandi, *Past rainfall reconstruction using speleothem from*

*Nakarallu cave, Kadapa, Andhra Pradesh, India*

14:00-15:00

Document based paleoclimate reconstruction

- Junpei Hirano: *Japanese Early Modern documentary-based paleoclimate reconstruction.*
- Kei Yoshimura: *Data assimilation GCM to incorporate diary weather records in Early Modern Japan.*
- Zhixin Hao: *High-resolution temperature reconstruction from historical documents over China*
- Poorna Yahampath; *Palaeo-climate change recordings of Sri Lanka in last two millennia with reference to key historical records.*

Coffee break/poster section (15:00-15:30)

Chair: Masaki Sano

(15:30-17:00)

Tree ring and ice core

- Muhammad Wahab, *Hydrological signals in tree-ring width chronologies of pine tree species in northern Pakistan*
- Binod Dawadi, *Pre-monsoon precipitation signal in tree rings of timberline *Betula utilis* in the Central Himalayas*
- Udaya Kumar Thapa, *Spring temperatures in the far-western Nepal Himalaya since A.D. 1640 reconstructed from *Picea smithiana* tree-ring widths*
- Narayan Prasad Gaire, *Premonsoon climate reconstruction using ring width chronologies of conifer species from the western Nepal Himalaya*
- Shreyas Managave, *Oxygen isotopic composition of teak from Peninsular India*

Glacier

- Olga Solomina, *Glaciers fluctuations in Asia in the last 2ka*

19:00: Reception at the Restaurant

Day 2 (20 March)

9:00-10:00

Chair: Juerg Luterbacher

New results of paleoclimate reconstruction using new data sets

- Huan Zhang
- Jianghao Wang,

Coffee break/poster section (10:00-10:30)

10:30-12:30

Chair: Edward Cook

Discussion on needed data (type of proxies, location of data, resolution of data etc) for improving the reconstruction performance.

Lunch time (12:30-13:30)

13:30-14:30

Chair: Chenxi Xu

Data management and Data quality control

Coffee break/poster section (14:30-15:00)

15:00-17:00

Chair: Xuemei Shao

New goals (Hydro-climate reconstruction), Timeline and Tasks: Final Synthesis of this workshop.