

プログラム

9月21日(金)

- 13:00~13:05 主催者挨拶とロジ説明 (佐藤永・iLEAPS-Japan 小委員会 幹事)
- 13:05~13:10 主旨説明 (檜山哲哉・iLEAPS-Japan 小委員会 委員長)
- 13:10~13:35 Akihiko Ito^{1,2*}, Kazuya Nishina¹, Kentaro Ishijima³, Shoji Hashimoto^{4,5}, Motoko Inatomi⁴ (¹ NIES, ² JAMSTEC, ³ MRI, ⁴ FFPRI, ⁵ Univ. of Tokyo)
Emissions of nitrous oxide (N₂O) from soil surfaces and their historical changes in East Asia: a model-based assessment
- 13:35~14:00 Kengo Sudo^{1,2*}, Shuyue Zhao¹, Kazuyuki Miyazaki², Akihiko Ito³ (¹ Nagoya Univ., ² JAMSTEC, ³ NIES)
Improving estimation of global BVOCs emissions
- 14:00~14:25 Michihiro Mochida (Nagoya Univ.)
Biogenic secondary organic aerosol and cloud condensation nuclei over a forest in Wakayama, Japan
- 14:25~14:50 Mikita Okamura^{1*}, Masahito Ueyama¹, Akihiko Ito², Hiroki Iwata³, Yoshinobu Harazono¹, Mathias Goeckede⁴ (¹ Osaka Prefecture Univ., ² NIES, ³ Shinshu Univ., ⁴ Max Planck Institute for Biogeochemistry)
Modification of the ecosystem model, VISIT, for predicting carbon fluxes at boreal and arctic ecosystems
- 14:50~15:15 Hisashi SATO (JAMSTEC)
Simulating topographic controls on the abundance of larch forest in eastern Siberia, and its consequences under changing climate
- 15:15~15:30 休憩
- 15:30~15:55 Tomo'omi Kumagai^{1*}, Taro Nakai², Hisashi Sato³ (¹ The Univ. of Tokyo, ² National Taiwan Univ., ³ JAMSTEC)
Simulation of drought-induced tree mortality using a new individual and hydraulic trait-based mechanistic model (S-TEDy)
- 15:55~16:20 Haruki Sakamoto^{1*}, Tomo'omi Kumagai¹ (¹ The Univ. of Tokyo)
A mechanistic model of methane and carbon dioxide emissions on changing soil moisture conditions
- 16:20~16:45 Hiroki Momiyama^{*}, Tomo'omi Kumagai, Tomohiro Egusa (The Univ. of Tokyo)
Effect of forest thinning on low-water discharge from a coniferous plantation watershed in Japan: model analysis
- 16:45~17:10 Julie K. Michelon^{1*}, Tomo'omi Kumagai², Tetsuya Hiyama³, Hatsuki Fujinami³, Kazuho Matsumoto⁴, Tomonori Kume⁵ and Takami Saito⁶ (¹ Nagoya Univ., ² The Univ. of Tokyo, ³ Nagoya Univ., ⁴ Univ. of the Ryukyus, ⁵ Kyushu Univ., ⁶ Forest Research and Management Organization)
Response of a Bornean Rainforest to the Climatic Changes imposed by ENSO during 2009-2015
- 17:10~17:30 第一日目・総括
- 18:00~20:00 懇親会(場所未定)

※発表は、プレゼンテーション 15分+質疑応答 10分

9月22日(土)

- 09:00~09:25 Hazuki Arakida^{1*}, Shunji Kotsuki¹, Shigenori Otsuka¹, Yohei Sawada^{1,2},
Takemasa Miyoshi¹ (¹RIKEN-CCS, ²MRI)
Data assimilation experiments with MODIS LAI observations and the dynamic
global vegetation model SEIB-DGVM over Siberia
- 09:25~09:50 Takeshi Ise^{1,2*} (¹Kyoto Univ., ²PRESTO, Japan Science and Technology
Agency)
Recent advancements in studies concerning terrestrial ecosystems
- 09:50~10:15 Takeshi Yamazaki*, Shin Fukui, Toshiki Iwasaki, Takahiro Sasai (Tohoku
Univ.)
Regional Japan Reanalysis Using conventional data
- 10:15~10:30 休憩
- 10:30~10:55 Kentaro Hayashi (NIEAS)
Hotspots of nitrogen cycle under seabird cliffs in Svalbard, the European High
Arctic
- 10:55~11:20 Masayuki Kondo¹, Prabir K. Patra², Kazuhito Ichii^{1,3} (¹Chiba Univ., ²
JAMSTEC, ³NIES)
Narrowing the gap in terrestrial CO₂ budget estimates
- 11:20~11:30 第二日目・総括
- 11:30~11:40 休憩
- 11:40~12:10 第24期・第2回 iLEAPS 小委員会 (小委員会メンバー・非公開)

※発表は、プレゼンテーション 15分+質疑応答 10分