

2021 年度 第 1 回
SWAT モデルによる水文過程変動の定量化ワーキンググループ
1st WS for Quantifications of Hydrological Processes, using SWAT

開催期間/Date : 2021 年 6 月 12 日 (土) (June 12, Saturday, 2021)

開催形式/Style : オンライン(Zoom) (*広島大学 総合科学部 第 1 会議室 (事務棟 3 階 ; 最上階でも並行開催)

Online via Zoom (*Meeting room No.1, Faculty of Integrated Arts and Sciences, Hiroshima University)

Main Room: <https://zoom.us/j/99486397209?pwd=V0VXSEdYdk9KUXZGc0RXRkxzS1ZoZz09>

ID: 994 8639 7209, PS: q5J4kE

Sub Task Room: <https://us02web.zoom.us/j/89073153822?pwd=K0ZkL3R6bDZOajh1RXA2Tnp3SVZlZz09>

ID: 890 7315 3822, PS: 3FKZY1

【プログラム/Program】 (*時間は質疑込み/Question and discussion time is included)

10:10-10:30 齋藤光代/Saito, Mitsuyo (岡山大/Okayama U), 小野寺真一/Onodera, Shin-ichi (広島大/Hiroshima U) : 開催趣旨, 最近のプレゼンスについて/ Opening and recent aspects

10:30-11:00 今村直広/Imamura, naohiro (森林総研/FFPRI) : 森林小流域への SWAT 適用と課題/ Challenges for SWAT application to hydrological processes in Japanese forest small catchments

11:00-11:30 小林政広/Kobayashi, Masahiro (森林総研/FFPRI) : 森林土壌の物理性と SWAT(2)/Soil physical property and SWAT: The second phase

11:30-12:00 Sharif Joorabian Shooshtari : Hydrological and water quality impact assessment under future land cover and climate change: Comparative study of dry, tropical, and temporal humid climate regions.

12:00-13:00 昼食休憩/Lunch break Sub Task Room: Sharif and Yuta are discussing for the comparative study

13:00-13:30 清水裕太/Shimizu, Yuta (農研機構・西日本農研/NARO WARC) : Integrating observed soil moisture with river runoff for better water budget estimation at watershed scale.

13:30-14:00 清水貴範/Shimizu, Takanori (森林総研/FFPRI) : 日本の森林流域における蒸発散量観測と SWAT の推定値 1. 放射収支と Priestley-Taylor 式について/Evapotranspiration from Japanese forests -Observation and SWAT estimation- 1. Surface radiation balance and Priestly-Taylor model.

14:00-14:30 Kunyang Wang (広島大/HU) : SWAT analysis paper of forest growing impact on hydrological processes: for the revision of the rejected paper

14:30-14:45 休憩/Tea break

14:45-15:05 齋藤光代/Saito, Mitsuyo・石原秋太/Ishihara, Shuta (岡山大/OU) : 大阪湾支流流域 SWAT 解析の論文文化に向けた課題/Challenges for publishing of the contents about SWAT analysis in a sub-basin of Yamato River

15:05-15:25 Sharon Kimbi (広島大/HU) : Review on previous researches for SWAT-MODFLOW

15:25-15:45 Halake Guyo Rendilicha (JKUAT): Review on SWAT application for the evaluation of groundwater vulnerability

15:45~16:15 総合討論/General discussion

16:15~16:30 今後の計画/Future planning 齋藤光代/Saito, Mitsuyo (岡山大/OU)

16:30~17:00 個別議論/Private discussion