

2021年度第6回 HURu-SAtO インキュベーション拠点研究会
2021年度 第2回 SWAT モデルによる流域環境評価ワーキンググループ
2nd WS for Evaluations of Catchment Environment, using SWAT

開催期間/Date : 2021年11月20日(土)～21日(日) (Nov. 20-21, 2021)

開催形式/Style : *広島大学 総合科学部 第1会議室& C617

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

Nov.20

13:00-18:00: Instruction and exercise of SWAT model use by Shimizu, Y. and Wang K.

Nov.21

10:00-10:10 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

[1. review]

10:10-10:30 齋藤光代/Saito, Mitsuyo (岡山大/OU) Review work for nutrient discharge

10:30-11:00 清水裕太/Shimizu, Yuta (農研機構・西日本農研/NARO WARC) Review work for agricultural
nutrient cycles

11:00-11:30 Wang, Kungyang : PhD thesis draft

11:30-11:50 清水貴範/Shimizu, Takanori (森林総研/FFPRI) : Data base construction for Japanese small forested
catchments

11:50-12:10 小林政広/Kobayashi, Masahiro (森林総研/FFPRI) : SWAT sensitivity of soil physical properties
Lunch break

[2. 現成果と今後の展望/ current results and visions in 2021]

13:10-13:30 今村直広/Imamura, naohiro (森林総研/FFPRI) : 森林小流域への SWAT 適用論文のための課題/
Challenges for submitting the paper of SWAT application to hydrological processes in Japanese forest small
catchments

13:30-13:50 永野裕子/Nagano, Yuko (日林協/JFA) et al. : 有明海流域への SWAT 適用/SWAT application to
the spatial distribution of groundwater recharge in a mountainous river catchment, composed of various
geology and land use

13:50-14:10 山崎正稔/Yamazaki, Masatoshi (株パスコ/Pasco Co.) : 有明流域での土壌地質パラメーター/
Inputs of soil and geologic parameters

14:10-14:30 Sharon Kimbi (広島大 HU) : Variation in water balance in Saijo Basin in 1980s and 2010s

14:30-14:45 General discussion
休憩/ break

[3. 新メンバープレゼン/ presentation by new faces]

14:45-16:00 15min each

Sai Tun Aung Si (HU) : Irrigation and paddy impacts on water budget in an agricultural catchment

Wanna Zaw (HU) : Sediment yield in a steep catchment and its impact on the ecosystem

Harake (OU) : Surface water –groundwater interaction in Asahi river

川口/ Kawaguchi (OU) : Nara city catchment analysis

秋永/Akinaga (OU) : Seagrass analysis by remote sensing

[5. 総合討論/ General discussion]

16:00-16:30 質疑、Lec 企画、研究展望、JpGU presentation/ general questions and discussions, planning for next time