

Times	Thursday, October 24		Friday, October 25	
8:00 - 8:30		Registration and check-in		
8:30 - 10:00		Welcome and Overview of SIIL' Vara Prasad, Sustainable Intensification Innovation Lab, Kansas State University		Modeling Resilience, Adaptation and Mitigation by Vara Prasad
		New Developments: SWAT+' Raghavan Srinivasan, Texas A&M University		Conservation Agriculture for Sustainable Intensification (CA4SI) in Cambodia (Saruth Chan, Lyda Hok, Manny Reyes, Lyda Hok and Florent Tivet)
		Key Note: Mapping the Blue Marble: Using Space-Based Observations for Improved Global Water Security and Sustainability John Bolten NASA Goddard Space Flight Center Hydrological Sciences Laboratory		Key Note: Perspectives and experiences of the FAO on Conservation Agriculture for Sustainable Intensification in Southeast Asia (Yuji Niino)
10:00 - 10:30		Coffee break and group photo		Coffee break
10:30 - 12:00	A1	Watershed Management Modelling	D1	Watershed Management Modelling
	A2	Climate Change Applications	D2	Climate Change Applications
	A3	Database and GIS Application and Development	D3	Environmental Applications
12:00 - 13:30		Lunch		Lunch
13:30 - 15:00	B1	Watershed Management Modelling	E1	Watershed Management Modeling
	B2	Sensitivity, Callibration and Uncertainty	E2	Crop Modelling
	B3	Environmental Management	E3	Environmental Management
15:00 - 15:30		Coffee break		Coffee break
15:30 - 17:00	C1	POSTER SESSION (bus stop model, audience will choose five posters to stop to, and poster presenter will be there to explain the poster for five minutes and repeat the presentation five times. Each stop is 15 minutes with a 10 minute Q&A)	15:30 - 16:30	Modeling Resilience, Adaptation and Mitigation in SEA -Panel Discussion [John Bolten (NASA), Niino Yuji (FAO), Vara Prasad (SIIL), Florent Tivet (CIRAD), Saruth Chan (MAFF, Cambodia)]. 60 minutes
			16:30-17:00	Closing Session: What's next? Action Items (30 minutes)
19:00		Dinner Gala start at 19:00 (<u>depends on availability of funds</u>)		

Session	Regis	Presenter Last Name	Pr. First Name	Pr. Affiliation	Topic	Title
A1	1	Adib Abou Rafee	Sameh	Lund University and University of São Paulo	Watershed Management Modeling	Assessing the hydrologic impacts of land use change in the Upper Parana River Basin between 1985 and 2015
A1	1	Lim	Sopheap	Ms.	Watershed Management Modeling	Impacts of Land use and Climate Change on Streamflow and Sediment Using SWAT Model Application for the Mekong Basin
A1	1	K	Midhun Prasad	Research Scholar, School of Mechanical Engineering, Vellore Institute of Technology, Vellore, Tamil Nadu, India – 632014.	Watershed Management Modeling	Approximation of hydrological phenomena for a coastal watershed using SWAT + model.
A1	1	Loganathan	Parthiban	Research Scholar, School of Civil Engineering, VIT University, Vellore	Watershed Management Modeling	Assessment of climate change impact on streamflow prediction using SWAT – a case study of Cauvery river basin, Peninsular India
A2	1	Chong	Khai Loong	TropicalMap Research Group, Faculty of Built Environment, Universiti Teknologi Malaysia	Climate Change Applications	Southeast Asia Hydro-Climatic Drought (SEA-HCD) Modelling using SWAT and CORDEX-SEA: A case study of the Kelantan River Basin, Malaysia
A2	1	Hok	Panha	Research Associate, Department of Civil and Infrastructure Engineering, Asian Institute of Technology, Thailand	Climate Change Applications	Assessment of Uncertainties in Hydrological Studies under Climate Change Scenarios: A Case of Chinit River Basin in Cambodia
A2	1	Houn	Rithysey	Prediction of climate change impacts on runoff, sediment yield and nutrient transports in Stung Sangker Catchment, Cambodia	Climate Change Applications	Prediction of climate change impacts on runoff, sediment yield and nutrient transports in Stung Sangker Catchment, Cambodia
A2	1	RANI	SEEMA	Indira Gandhi National Open University, New Delhi, India	Climate Change Applications	Responses of Streamflow under Future Climate Change Scenarios in the Upper Beas Basin, Western Indian Himalaya
A3	1	B	Arivumathi	Department of Civil Engineering (Geoinformatics Branch), University VOC College of Engineering, Anna University, Thoothukudi, India.	Database and GIS Application and Development	Estimation and comparison of discharge using SWAT and HEC-HMS tools for a flood event – A case study for Thamirabarani river basin, India
A3	1	Devaraj	Suresh	Research Scholar, Centre for Disaster Mitigation and Management, Vellore Institute of Technology (VIT), Vellore, India	Database and GIS Application and Development	Comparative analysis of INSAT-3D derived precipitation data with IMD data products over Indian Sub-continent
A3	1	Lakshmi	Venkataraman	Professor, University of Virginia	Database and GIS Application and Development	Adequacy of satellite derived precipitation estimates for hydrological modeling
A3	1	Cau	Pierluigi	CRS4 - Center for advanced studies, research and development in sardinia	Database and GIS Application and Development	Development of a Earth Observation System for the management of Water resources based on SWAT
B1	1	MUNDETIA	NITIKA	Research scholar, Central University of Rajasthan	Watershed Management Modeling	Hydrologic Impact Assessment of Land-use Change in an Ungauged Semi-arid River basin of Rajasthan, India.
B1	1	P M	Thameemul Hajaj	PG Student, School of Civil Engineering, Vellore Institute of Technology, Vellore.	Watershed Management Modeling	Integrated Hydrologic-Hydraulic Model for Flood Inundation Mapping: A Case Study of Nagavali River, India
B1	1	surampudi	samvedya	Junior Research Fellow, Vellore Institute of Technology	Watershed Management Modeling	Assessment of Streamflow Prediction for Ungauged Sites Using Altimeter Derived Model and SWAT Distributed Model
B1	1	TEW	YI LIN	Impact of Land Use Changes on Streamflow of the Kelantan River Basin, Malaysia	Watershed Management Modeling	Impact of Land Use Changes on Streamflow of the Kelantan River Basin, Malaysia
B2	1	Gnanaprakasam	Shiyamalagowri	Research Scholar, Centre for Disaster Mitigation and Management, Vellore Institute of Technology (VIT), Vellore-632014, Tamil Nadu, India.	Sensitivity Calibration and Uncertainty	Investigation of Heterogeneity Measure using various Nonlinear approaches by deriving characteristics through SWAT model
B2	1	Homtong	Nudthawud	Department of Geoscience, University of Nevada, Las Vegas	Sensitivity Calibration and Uncertainty	Hydrological Modeling by Using Application of the China Meteorological Assimilation Driving Datasets for the SWAT Model (CMADS) in the Chi-Mun Basin, Thailand

B2	1	Budamala	Venkatesh	Research Scholar, Department of Environmental and Water Resources Engineering, School of Civil Engineering, Vellore Institute of Technology, Vellore, Tamil Nadu, India – 632014.	Sensitivity Calibration and Uncertainty	Assessing the blue and green water dynamics of SWAT hydrological model using adaptive meta simulators
B2	1	Singh	Leelambar	Research Scholar, National Institute of Technology Tiruchirappalli, India	Sensitivity Calibration and Uncertainty	Streamflow and sensitivity modeling Using SWAT for an Ib watershed of, India
B3	1	Martins	Jorge	Full Professor, Federal University of Technology - Parana	Environmental Management	Land cover dynamics by agricultural activities over the Upper Paraná River Basin
B3	1	Pak	Hui Ying	Ms Pak Hui Ying, Nanyang Technological University of Singapore	Environmental Management	A spatial and temporal analysis of ammonium pollution within Johor River Basin
B3	1	Puangkaew	Nattapong	School of Geoinformatics, Institute of Science, Suranaree University of Technology, Thailand.	Environmental Management	WATER YIELD ESTIMATION FOR WATER SUPPLY AND DEMAND BALANCE ANALYSES
B3	1	Chan	Sakdanuphol	Faculty of Agricultural Engineering, Royal University of Agriculture, Phnom Penh, Cambodia	Environmental Management	SWAT modeling of water quality in Stung Prek Thnot Catchment, Cambodia
D1	1	Zhang	DanDan	Ph.D. candidate, Geography Section, School of Humanities, Universiti Sains Malaysia	Watershed Management Modeling	Tropical Hydrological Modelling of the Muda River Basin using SWAT+
D1	1	Hok	Panha	Research Associate, Department of Civil and Infrastructure Engineering, Asian Institute of Technology, Thailand	Watershed Management Modeling	Evaluation of SWAT Model Performance in Simulating Hydrology of Southeast Asian River Basins
D1	1	Mohammed	Ibrahim	Research Scientist, NASA	Watershed Management Modeling	Improved Hydrological Modeling Capabilities and Decision Support Tools for the Lower Mekong River Basin Through Integrated Remote Sensing and Ground Observations
D1	1	TY	SOK	Ph.D. student, Institute of Technology of Cambodia/ECOLAB, Université de Toulouse	Watershed Management Modeling	Assessment of Sediment Erosion and Transport in the Mekong River Basin using SWAT Model
D2	1	Freitas	Edmilson	Full Professor, Institute of Astronomy, Geophysics and Atmospheric Sciences - University of São Paulo, São Paulo, Brazil	Climate Change Applications	Effects of climate change and land use on the hydrology of the Paraná River Basin - Brazil.
D2	1	Pham	Thi Huyen Trang		Climate Change Applications	Quantifying the Impact of Human Activities and Climate Change on Water Resources in the Srepok River Basin, Vietnam
D2	1	Tan	Mou Leong	Senior Lecturer, Geography Section, School of Humanities, Universiti Sains Malaysia, 11800 Penang, Malaysia	Climate Change Applications	A Review of SWAT Applications, Performance and Future Needs for Simulation of Hydro-Climatic Extremes
D2	1	TOUSEEF	MUHAMMAD	Engineer /Guangxi University	Climate Change Applications	Assessment of Land-use/ Land-cover LULC and Climate change Impacts on future stream run-off trends in the Lower Srepok River Basin, Vietnam.
D3	1	Nagarajan	Kowshika	Subject matter Specialist, Tamil Nadu Agricultural University,Coimbatore, Tamil Nadu,India.	Environmental Management	Test of AquaCrop model in simulating yield and water use efficiency of tomato crop under varied climatic conditions at Ponnaniyar basin of Tamil Nadu
D3	1	Nut	Nareth	PhD Scholar and researcher, Faculty of Agricultural Engineering, Royal University of Agriculture	Environmental Management	Evaluation of soil carbon sequestration in conservation agriculture production and tillage systems in Cambodia using APEX
D3	1	Szymkiewicz	Adam	Professor, Gdańsk University of Technology, Faculty of Civil and Environmental Engineering, Department of Geotechnics, Geology and Marine Civil Engineering	Environmental Management	Prediction tool for nitrate transport in groundwater in Puck region (northern Poland) based on SWAT, MODFLOW and MT3D
D3	1	Assefa	Tewodros	Assistant Professor, Bahir Dar University	Environmental Management	Impact of Conservation Agriculture with Drip Irrigation in the Sub-Humid Ethiopian Highlands: An Experiment and Modeling Study

E1	1	Tararam	Parisa	Study of Runoff and Sediment Quantity Affecting Land Use Changes in Nan Basin, Thailand	Watershed Management Modeling	Study of Runoff and Sediment Quantity Affecting Land Use Changes in Nan Basin, Thailand
E1	1	Ridwansyah	Iwan	Dr. (Research Center for Limnology, Indonesian Institute of Sciences)	Watershed Management Modeling	Sediment and Nutrient Loading from Kurambik sub-watershed to Lake Maninjau with SWAT Hydrological modelling
E1	1	Subbarayan	Saravanan	Assistant Professor, Department of Civil Engineering, National Institute of Technology Tiruchirappalli, Tamilnadu, India	Watershed Management Modeling	Landuse landcover impact on water balance components of Noyyal river catchment using SWAT model
E1	1	Kibet Kimengich	Baobab	Graduate School of Agriculture Kyoto University	Watershed Management Modeling	Evaluation of SWAT Model for Simulation of Discharge and Dissolved Phosphorus Load in Sengari Reservoir Basin, Japan
E2	1	N	KOWSHIKA	PhD Research scholar, Agro Climate Research Centre, Tamil Nadu Agricultural University	Crop Modeling	Impact of climate change on chilli (<i>Capsicum annum L.</i>) yield in major chilli growing districts of Tamilnadu
E2	1	S	Arul Prasad	Projected impacts of climate change on irrigated groundnut crop yield over Tamil Nadu	Crop Modeling	Projected impacts of climate change on irrigated groundnut crop yield over Tamil Nadu
E2	1	Jeong	Jaehak	Associate Professor, Texas A&M AgriLife Research	Watershed Management Modeling	Simulating wetland hydrology and plant growth: two case studies in the USA
E3	1	Yifru	Bisrat Ayalew	University of Science and Technology, Daejeon, 34113, Korea Institute of Civil Engineering and Building Technology, Gyeonggi-Do, Korea, Republic Of	Environmental Applications	Groundwater Potential Mapping Using SWAT and GIS-based Multi-Criteria Decision Analysis
E3	1	Dars	Rabia	Engr.	Environmental Management	Groundwater Investigations with Electrical Resistivity in District Matiari, Pakistan
E3	1	Gregar	Jan	Ing., CULS, Prague	Environmental Management	Avoiding Eutrophication of Bathing Dams in Prague using MEASURES
E3	1	ALIBUYOG	NATHANIEL	Professor, Mariano Marcos State University	Environmental Management	Hydro-renewable Energy Resource Assessment using LiDAR derived Digital Elevation Model

Number	Presenter Last Name	Pr. First Name	Title	Topic
1	Aziz	Abdul	QSWAT Identification for Watershed Management Model in Kamundan Watersheds, Papua Barat, Indonesia	Watershed Management Modeling
2	BOITHIAS	Laurie	SWAT modeling of fecal indicator bacteria fate and transport in a rural tropical stream of northern Laos	Contamination and Pollution
3	Hwang	Euiho	Development of Water Hazard Information Platform in Korea using Satellite, Radar	Database and GIS Application and Development
4	Negussie	Kaleb Gizaw	Monitoring Catchment Behavior to determine climate change impacts over Okavango-Omatako River Basin, Namibia	Climate Change Applications
5	sokol	yem	Detection and management of tomato leaf curl virus disease and its whitefly vector through plant promoting management approaches for inducing severity and leaf curl.	Environmental Management
6	Binti Rosli	Ainul Syarmimi	SIMULATION OF WATER QUALITY FOR SG. JOHOR RIVER BASIN USING SOIL AND WATER ASSESSMENT TOOL (SWAT) MODEL	Watershed Management Modeling