

Slot	Presenter	Affiliation	Format	Title	Keyword	Remarks
29 PM2	Convener			Introduction		
Oral	Adina Paytan	University of Ca	Oral or Poster	Coral Skeleton $\delta^{15}\text{N}$ as a Tracer of H	Nitrogen Isotopes, Corals, Submarine Groundwater Discharge	
Chair:Okuda	Anna Fadliah R	Graduate Scho	Oral or Poster	The Use of Ammonium and Trace Metals in Identif	Ammonium, Manganese, Ferrous, Reduction, Coastal Groundwa	
	Mitsuyo Saito	Graduate Scho	Oral or Poster	Spatial and temporal variation in submarine groundwater dis	Submarine groundwater discharge (SGD), Beach scale, Spatial a	
	Shin-ichi Onode	Graduate Scho	Oral or Poster	Phosphorus discharge via groundwater into the lak	Phosphorus, groundwater, alluvial plain, semimeni	
	Sharon Bih Kim	Graduate Scho	Oral or Poster	Geochemical controls and health implications of wa	Hydrochemistry, Water resources, Fluorosis, Urbanization, Came	
30 AM1	Noboru Okuda	Research Instit	Oral or Poster	Biodiversity increases integrated trophic position of macroin	Biodiversity-Ecosystem functioning, Food web, Integrated trophic	
Oral	Tohru Ikeya	Research Instit	Oral or Poster	The analysis of the community composition of riverine bacte	bacteria, microalgae, 16S, MiSeq, phosphorus	
Chair:Paytan	Elfritzson M. Pe	University of Sa	Oral or Poster	Multiple stressors and protection efforts in highly ur	Human population density, Deforestation, Freshwater protected a	
	Maeda Morihiro	Okayama Unive	Oral or Poster	Ammonium contamination of shallow groundwater beneath	ammonium , dissimilatory nitrate reduction to ammonium, nitroger	
	Swee Yang Edr	National Univer	Oral or Poster	Modelling nutrient and organic waste behaviour in a tropical	Wetland, Organic waste impact, Nutrient impact, Water quality, M	
	Julie - An N. Gr	Institute of Biol	Oral or Poster	Benthic macroinvertebrate assemblages and water	Marikina Watershed, land use, land cover, water quality, benthic r	
30 AM2	Batdulam Battu	Tokyo Metropol	Oral or Poster	Characterization, distribution and degradation of er	Plastic debris, River shore, Mongolia, Degradation, Microplastics	
Oral	Assefa M Meles	Florida Internat	Oral or Poster	Multi-site and multi-approach sediment transport modeling in	Sediment flux, Sediment modeling, Erosion 3D, SWAT, WEPP, T	
Chair:Yasumoto	Seiko Yoshikaw	Institute for Agr	Oral or Poster	Calculation of SS concentration coefficients of river water fo	watershed land-use model, SS, concentration coefficient	
	Kunyang Wang	Graduate Scho	Oral or Poster	Evaluation of long term variation in water balance and disch	Land use change, Water balance, Nitrogen load, SWAT Model, L	
	Toshihiko Mom	Ishikawa Prefec	Oral or Poster	Causal correlation between water-use of the Tedori River an	Chirihama Nagisa Driveway, Coastal erosion, Tedori River, River	
	Masayuki Kawa	Tokyo Metropol	Oral or Poster	Role of suspended solids on elemental dynamics in the Sel	Lake Baikal, SS deposition, channel bifurcation	
30 PM1	Yuto Tashiro	Tokyo Universit	Oral or Poster	Relationship between topographical characteristics in catch	Dissolved Iron, Permafrost, Wetland	
Oral	Shinji Nakaya	Department of V	Oral or Poster	Water Source Zones and Hydrochemical Properties of Fluor	Fluoride, Great Lift Valley, Tanzania, Mt. Meru watershec	
Chair:Yoshikaw	Keiji Takase	Ishikawa Prefec	Oral or Poster	Development and Application of a System for Measurement	Water Quality, Concentration, Total load of water quality, System	
	Masahiro Kobay	Forestry and Fc	Oral or Poster	Water infiltration and uptake around a Japanese cypress gr	tree, stemflow, water uptake	
	RAVI KUMAR M		Oral or Poster	Innovative Rainfall Simulator Design for Moving St	Rainfall simulator, Moving Storm experiments, Spatio-temporal va	
	All participants			Discussion		
30 PM2&3	Yasumoto Ko	Kitasato Univer	Poster	Phosphate Enrichment Hampers Development of Juvenile A	phosphate, calcification	
Poster	Assefa M Meles	Florida Internat	Oral or Poster	Modeling chlorophyll-a concentration using remote sensing	Chl-a, SeaWIFS, Water quilty modeling, South Florida, Remote se	
	Yusuke Tomoz	Graduate Scho	Oral or Poster	Dynamics in groundwater flow system with seasonal water t	stable isotope, groundwater, coastal	
	Anna Fadliah R	Graduate Scho	Poster	The Tracing of Groundwater Contamination Source	Sulfur Isotope, Nitrate Isotope, Coastal Groundwater, Indramayu	
	Xin Liu	The University o	Poster	Spatio-temporal dynamics of orthophosphate with implicatio	Orthophosphate dynamics, Phosphorus limitation, Phytoplankton	
	Umi Murao	University of the	Poster	Microbial phase analysis in aquifer of Ryukyu Limestone Zo	groundwater, microbial community analysis, genetic analysis	
	Mitsuyo Saito	Graduate Scho	Poster	Evaluation for temporal variation in groundwater inflow to th	Groundwater inflow, Connected lagoons, Lake Biwa, Radon (222	
	Seiichiro Ioka	Institute of Regi	Poster	Br/Cl ratio characteristics of groundwater in coastal areas in	Indonesia, groundwater, Br/Cl ratio, coastal area	
	Kunyang Wang	Graduate Scho	Poster	Estimation of groundwater recharge and phosphorus transp	Phosphorus transport, Groundwater recharge, Different precipitati	
	Shin-ichi Onode	Graduate Scho	Poster	Losses of phosphorus with soil erosion and nitrate with grou	Phosphorus, groundwater, nitrate	
	Sreekumari Kur	Lakehead Unive	Poster	Phosphate solubilizing bacteria as an indicator of sediment	Phosphate Solubilizing Bacteria, Freshwater Lakes , Sediment PH	
	Masashi Nozak	Graduate Scho	Poster	A Study on the dynamics of various phosphate forms in soil	Phosphorus, 31P-NMR, Groundwater	
	Yoichi Fujihara	Department of E	Poster	Impacts of highly concentrated turbid water on the groundwa	groundwater, paddy percolation, riverbed seepage	
	Yusuke Tomoz	Graduate Scho	Oral or Poster	Altitude effect of water stable isotopic ratio of ravine water a	stable isotope, altitude effect, groundwater recharge	
	Seiko Yoshikaw	Institute for Agr	Oral or Poster	Calculation of TN and TP concentration coefficients of river	watershed land-use model, TN, TP, concentration coefficient	
	Syuehi Ban	The University o	Poster	Possibility of nutrients transportation from littoral sl	Horizontal nutrient transportation, non-point source loading, agric	
	Yang Cao	Hiroshima unive	Oral or Poster	SWAT model analysis for confirming the effects of crop grow	SWAT model, Small catchment, Sugarcane, Sediment, Ishigaki	
	Soichiro Fujii	Japan Forest T	Poster	Estimating the runoff of water, sediment, and nutrient using	SWAT model, Runoff estimation	
	Yuko Itoh	Forestry and Fc	Poster	Atmospheric depositions on forest ecosystems in areas alor		
	Noriko Nakayar	Osaka Universit	Poster	Continuous and simultaneous flux measurement of N<sub>2 <td>on-site mass spectrometry, MULTUM, soil-to-atmospher gas flux</td> <td></td>	on-site mass spectrometry, MULTUM, soil-to-atmospher gas flux	
	Tomijiro Kubota	National Agricu	Poster	Effects of introduction of cyclic irrigation system on mass ba	cyclic irrigation system, water pollution, suspended solid, total ph	