



DFG-PAK 823/4/5: “Platform for Biodiversity and Ecosystem Monitoring and Research in South Ecuador“

Timetable Status Symposium Centro de convenciones, UTPL, Loja

Wednesday 07/10/2015, Morning session: 09:00 – 12:15 (talks in English)

	08:30 – 09:00	Registration for certifications of participation	
	09:00 – 09:30	Introduction to the program	Bendix
Chair	Beck	Environmental/Global Change Research	
	09:30 – 09:45	Tree species richness and functional tree diversity as predictors of forest productivity in the Andes of S Ecuador	Homeier et al.
	09:45 – 10:00	Stable isotope variations in tree from the dry forest and their hydroclimatic implications	Bräuning et al.
	10:00 – 10:15	Nutrient addition affects biological P mobilization in a tropical montane rainforest	Oelmann & Dietrich
	10:15 – 10:30	Response of element budgets of a tropical montane forest to climate change	Velescu et al.
	10:30 – 10:45	Fungal ecology in a tropical montane forest - Latest results	Camenzind, Rillig
	10:45 – 11:15	Coffee Break and posters	
Chair	Mosandl	Sustainable Management and Ecosystem Services	
	11:15 – 11:30	Restored tropical landscapes should be diversified to provide multiple ecosystem services	Knoke et al.
Chair	Breuer	Cross-scale Monitoring: Biodiversity and Ecosystem Functions	
	11:30 – 11:45	Remote sensing as surrogate for phylodiversity and functional processes along land use and elevation gradients	Thiede et al.
	11:45 – 12:00	Interactions among frugivores and plants: interaction networks and functional diversity	Quitíán et al.
	12:00 – 12:15	Monitoring bird diversity across elevational and land-use gradients	Santillán et al.
	12:15 – 13:45	Lunch break	



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Wednesday 07/10/2015, Afternoon Session: 13:45 – 17:15 (talks in English)

Chair	Zarate/Knoke/Mosandl		
	13:45 – 15:15	GUIDED POSTER SESSION	
Chair	Bräuning	Water and Element Flux Indicators	
	15:15 – 15:30	Monitoring of fungal communities on reforestation plots and pristine forest with Ion Torrent sequencing	Haug
	15:30 – 15:45	Analysis of carbon and water relations of trees as indicators of small environmental changes in a mountain rain forest of Ecuador	Beck et al
	15:45 – 16:00	Tree water use, forest structure and species composition in the natural and disturbed forest of Laipuna	Gräfe et al.
	16:00 – 16:30	Coffee Break and posters	
Chair	Farwig		
	16:30 – 16:45	Functional indicators using tower observations and remote sensing	Silva et al.
	16:45 – 17:00	Inferring runoff generation and nutrient fluxes through high resolution spatial and temporal UV-Vis absorbance measurements in an Andean alpine grassland catchment in Southern Ecuador	Windhorst et al.
	17:00 – 17:15	Addressing Emerging Issues in Tropical Ecohydrology: Water Sourcing and Landscape Controls on Runoff Generation in a Neotropical Alpine Ecosystem	Mosquera et al.



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Thursday 08/10/2015, 08:30 – 12:30 (talks in Spanish)

	08:00 – 08:30	Registration for certifications of participation	
	08:30 – 08:40	Introduction:	Zeilinger / Matt
Chair	Zarate	Environmental/Global Change Research	
	08:40 – 09:00	El ciclo del fósforo en las ecosistemas del bosque en el sur del Ecuador	Dietrich & Oelmann
Chair	Suarez	Sustainable Management and Ecosystem Services	
	09:00 – 09:20	Nuevos bosques para Ecuador - Enriquecimiento de plantaciones de Pino con especies nativas	Calvas et al.
	09:20 – 09:40	Ecología y manejo forestal como una nueva línea de investigación en la Universidad de Cuenca	Palomeque et al.
	09:40 – 10:00	Diversidad, estructura y regeneración natural en diferentes sitios del bosque seco	Cueva et al.
	10:00 – 10:30	Coffee Break and posters	
Chair	Celleri	Cross-scale Monitoring: Biodiversity and Ecosystem Functions	
	10:30 – 10:50	Metodología del mapeo digital de suelos en áreas montañosas con límites de accesibilidad	Ließ
	10:50 – 11:10	Mapeo de evapotranspiración en el páramo del sur del Ecuador: Microcuenca Quínoas (Cajas)	Carillo et al.
	11:10 – 11:30	Evapotranspiración derivada y medida en ECSF	Alva et al.
	11:30 – 11:50	Hidrometeorología de cuencas andinas y su aplicación para estudios ecohidrológicos y de pronóstico de caudales	Celleri et al.
	11:50 – 12:10	Conservación del recurso hídrico en el Sur del Ecuador: retos y perspectivas para el 2020	Gordillo et al.
	12:10 – 12:30	Calibración de radares de lluvia banda-X en el sur del Ecuador: Efectos de la altitud y la clasificación de lluvia en los parámetros de la relación Z-R	Orellana et al.



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There will be a guided poster session with 3 minutes presentations of each poster the 7th of October between 13:45 – 15:15.

Moderation: Zarate / Knoke

Name	Poster Title
Environmental/Global Change Research	
Velescu & Wilcke	Nutrient availability drives dissolved organic matter cycling in a tropical montane forest of Ecuador
Cárate & Homeier	Tree regeneration NUMEX
Salgado & Homeier	Root dynamics NUMEX
Pucha et al.	Elemental analysis in tree-rings from different forest ecosystems in southern Ecuador
Volland & Bräuning	Climatic signals from stable oxygen and carbon isotopes in <i>Cedrela</i> tree-rings
Spannl & Bräuning	Xylem structure and hydraulic architecture under trophic forcing - A wood anatomical study of the tropical tree species <i>Alchornea lojaensis</i>
Sustainable Management and Ecosystem Services	
Hildebrandt et al.	Suitable spatial range for domestication of dry forest tree species according to future climate projection
Hildebrandt et al.	Carbon sequestration performance of Pine plantations on Páramo sites
Quiroz et al.	Pine plantations in the Páramo: Reconciling public and science perceptions
Barros et al.	The effects of increased yield variability in agriculture on deforestation – an economic modelling approach for Ecuador considering site-specific land-use restrictions
Cross-scale Monitoring: Biodiversity and Ecosystem Functions	
Wallis et al.	Using remote sensing for modelling bird diversity across a mountain rainforest
Trachte et al.	Climate indicators from mesoscale modelling
Campozano	Regional Climate Modelling for the simulation of Mesoscale Convective Systems in Southern Ecuador
Abuja et al.	Characterization of the rainfall based in the vertical microstructure, using MRR radar at ECSF
Sucozhañay & Celleri	Assessment of spatial rainfall variability using different time scales. A case study in urban area
Córdova et al.	Using high-density monitoring to map daily temperature in the Andes of South Ecuador, Cajas National Park
Abril et al.	Using DBMM to fill gaps in runoff time series in Andean mid-size catchments of South Ecuador
Gordillo et al.	Conservation of water resources in Southern Ecuador, challenges and perspectives to 2020
Contreras et al.	Sensitivity assessment of the FAO 56-PM reference evapotranspiration in an Andean gradient of Southern Ecuador
Liess et al.	Sampling for regression-based digital soil mapping: Closing the gap between statistical desires and operational applicability
Peters	The climate of Laipuna
Adams et al.	From abandoned sites to valuable pasture land: implementing the story of success in the Andes of South Ecuador