



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

Timetable Status Symposium  
Talks and Posters: Centro de Convenciones, UTPL. Loja

**Thursday 01/12/2016, 09:00 – 12:30 (talks in English)**

	09:00 – 09:30	<b>Introduction to the program</b>	<b>Bendix</b>
<b>Chair</b>	<b>Beck</b>	<b>Environmental/Global Change Research</b>	
	09:30 – 09:45	Effects of continued N and P addition on Ecuadorian Andean forests	<b>Homeier et al.</b>
	09:45 – 10:00	Temporal and spatial variations of tree-ring stable carbon and oxygen isotopes in a complex mountain rainforest ecosystem in relation to climate and topography	<b>Pucha et al.</b>
	10:00 – 10:15	The highly resolved spatial and temporal Climatic Indicator System (hrCIS)	<b>Bendix, Trachte</b>
	10:15 – 10:30	Base metal budgets of a small catchment in a tropical montane forest in Ecuador	<b>Velescu et al.</b>
	10:30 – 10:45	Precipitation analysis and impacts of heavy rain using radar data in Southern Ecuador	<b>Fries</b>
	10:45 – 11:15	<b>Coffee Break and Posters</b>	
<b>Chair</b>	<b>Mosandl</b>	<b>Sustainable Management and Ecosystem Services</b>	
	11:15 – 11:30	Carbon stocks in Pine plantations and natural vegetation in the Ecuadorian Páramo	<b>Hildebrandt et al.</b>
	11:30 – 11:45	Why farmers diversify their land use in the Ecuadorian dry forest - empirical evidence	<b>Knoke, Ochoa</b>
<b>Chair</b>	<b>Knoke</b>	<b>Cross-scale Monitoring: Biodiversity and Ecosystem Functions</b>	
	11:45 – 12:00	Functional monitoring of biodiversity and ecosystem processes along land use and elevation gradients	<b>Wallis et al.</b>
	12:00 – 12:15	Spatial and temporal variation in bird assemblages along elevational gradients in Southern Ecuador	<b>Santillán et al.</b>
	12:15 – 12:30	Assessing impacts of livestock grazing on páramo birds in southern Andes of Ecuador	<b>Astudillo et al.</b>
	12:30 – 12:45	Are there keystone mycorrhizal fungi associated to tropical epiphytic orchids?	<b>Cevallos et al.</b>
	12:45 – 14:00	<b>Lunch break</b>	



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

Thursday 01/12/2016, 13:30 – 17:20 (talks in English and Spanish Overview talks)

<b>Chair</b>	<b>Mosandl, Knoke</b>		
	14:00 – 15:00	<b>GUIDED POSTER SESSION</b>	
<b>Chair</b>	<b>Farwig</b>	<b>Water and Element Flux Indicators</b>	
	15:00 – 15:15	Seasonality of tree water use in a tropical dry forest	<b>Butz</b>
	15:15 – 15:30	Contrasting night-time hydrology of co-occurring evergreen trees in a tropical mountain rain forest in South Ecuador	<b>Strobl et al.</b>
	15:30 – 15:45	Cajas vs. Podocarpus national Park - key differences in rainfall-runoff response from two high-elevation tropical ecosystems	<b>Mosquera</b>
	15:45 – 16:15	Coffee Break and Posters	
<b>Chair</b>	<b>Sánchez</b>	<b>Spanish Overview talks</b>	
	16:15 – 16:20	Introduction	<b>Zeilinger</b>
	16:20 – 16:40	Efectos de la fertilización, aridez y uso del suelo en la diversidad de hongos de micorriza arbuscular en los bosques del sur del Ecuador	<b>Dueñas-Serrano</b>
	16:40 – 17:00	La regeneración en el bosque seco – efectos del estado de la cobertura natural y de la presencia del Ganado	<b>Cueva et al.</b>
	17:00 – 17:20	Diversidad y estabilidad de la comunidades de aves en una región de bosque Andino	<b>Tinocoa et al.</b>



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Guided Poster Session: Status of posters: **01/12/2016**; can be slightly extended

There will be a guided poster session with 3 minutes presentations of each poster the **01/12/2016** between 14:00 – 15:00.

**Moderation: Mosandl, Knoke**

Name	Poster Title
<b>Salgado &amp; Homeier</b>	Variation in fine root biomass and production after continued nutrient addition to Andean montane forests
<b>Fabian et al.</b>	Sodium in a tropical montane forest in South Ecuador: demand of phyllosphere microorganisms and effects on decomposition.
<b>Dueñas-Serrano</b>	Molecular characterization of AMF assemblages along an altitudinal and soil fertilization gradient in a mountain forest in southern Ecuador
<b>Spannl et al.</b>	Intra-annual fluctuations of stable carbon isotopes of <i>Alchornea lojaensis</i>
<b>Peña et al.</b>	A new tree-ring chronology of <i>Tabebuia chrysantha</i> from the dry forests of Ecuador
<b>Espinosa</b>	Intra-annual stem increment patterns and climatic responses in five tree species from an Ecuadorian tropical dry forest
<b>Muñoz et al.</b>	Impacts of silvicultural interventions on natural tree regeneration in a tropical mountain forest
<b>Veintimilla et al.</b>	Silvicultural treatments of exotic and native tree plantations: development of enrichment plantings and natural regeneration
<b>Manchego et al.</b>	Contrasting climate change and deforestation as threats for characteristic tree species of the Ecuadorian dry forest
<b>Curatola et al.</b>	Environmental stress in bracken fern promotes fungal infection
<b>Wallis et al.</b>	Compared predictability of species richness and turnover using remote sensing based habitat indicators
<b>Tiede et al.</b>	Ants as functional indicators in megadiverse mountain rainforests in Ecuador
<b>Gusmán</b>	Focusing on individual species reveals the specific nature of assembly mechanisms in a tropical dry-forest
<b>Carillo-Rojas et al.</b>	The Breath of the Andean Highlands: Net Ecosystem Exchange and Evapotranspiration over the Páramo of Southern Ecuador.
<b>Orellana-Alvear et al.</b>	RadarNet-Sur: An Operational Approach to Rainfall Radar Classification on X-band radar imagery