



## Symposium 06.-07.10.2011 in Loja at UTPL

### Timetable

**Talks: Building 1, Ground floor, Auditorium Pío Jaramillo Alvarado**  
**Posters: Building Octógono, Ground floor, central hall**

#### Thursday 06.10.2011, 08:35 – 12:30 (talks in English)

	08:35 - 09:00	Introduction	Bendix
<b>Chair</b>	<b>Beck</b>	<b>A: “Forest Ecosystems“</b>	
	09:00 - 09:15	Nitrogen availability links soil N <sub>2</sub> O and NO fluxes with forest productivity in the environmental MATRIX experiment	Veldkamp
	09:15 - 09:30	Tree species richness, above ground biomass and productivity of Ecuadorian rain forests	Homeier
	09:30 - 09:45	Arbuscular mycorrhizal responses to fertilization.	Rillig
	09:45 - 10:00	Response of soil fauna to experimental nutrient enrichment of tropical montane rainforests of different altitude	Scheu
	10:00 - 10:15	Caterpillars on shrubs	Bodner
	10:15 - 10:30	Taxonomic composition of terrestrial green algal crusts at different altitudes in the Podocarpus National Park: A DNA – barcode approach.	Friedl (ABA)
	10:30 - 10:45	Diversity of Lichen photobionts along an altitudinal gradient: first insights from the genus <i>Sticta</i>	Beck (ABA)
	10:45 - 11:15	Coffee break and posters	
<b>Chair</b>	<b>Mosandl</b>	<b>B: “Pastoral Ecosystems“</b>	
	11:15 - 11:30	Ecophysiology of bracken and <i>Setaria</i> under various types of competition	Voss
	11:30 - 11:45	The southern bracken competition model: An approach to simulate dynamics of two anthropogenic grassland species after burning in the San Francisco valley	Silva
	11:45 - 12:00	Sustainability assessment in different land-use systems of the Southern Ecuadorian Andes	Makeschin
	12:00 - 12:15	Effects of pasture fertilisation on soil quality and biomass production	Hamer
<b>Chair</b>	<b>Makeschin</b>	<b>C: “Rehabilitation &amp; Sustainable Development“</b>	
	12:15 - 12:30	Growth reactions of PCTs (Potential Crop Trees) to silvicultural treatment	Kübler

## Thursday 06.10.2011, 13:30 – 19:00 (Poster session and talks in English)

<b>Chair</b>	<b>Wilcke</b>		
	13:30 - 14:45	<b>Guided Poster Session</b> <b>Building Octógono, Ground floor, central hall</b>	
<b>Chair</b>	<b>Makeschin</b>	<b>C: “Rehabilitation &amp; Sustainable Development”</b>	
	14:45 - 15:00	Development of enrichment plantings with native species in Pine and natural forest stands	Hildebrandt
	15:00 - 15:15	Network of arbuscular mycorrhizal fungi in reforestation plots and pristine forest	Haug
	15:15 - 15:30	Cost-effective compensation to reduce carbon emissions due to forest loss: An approach considering risk-aversion and non-Gaussian return effects	Acevedo
	15:30 - 15:45	Colonization and agriculture as drivers of landscape change in the Upper Zamora	Gerique
<b>Chair</b>	<b>Wilcke</b>	<b>D: “Landscape Dynamics”</b>	
	15:45 - 16:00	Climate variability in Southern Ecuador – Dry periods and their causes	Peters
	16:00 - 16:15	Atmospheric nutrient transports in South America - current state and potential scenarios	Rollenbeck
	16:15 - 16:30	Disentangling the relationship between vegetation and pollen rain in mountainous ecosystems of South Ecuador	Jantz
	16:30 - 16:45	Variations of stable carbon isotopes and their environmental control in trees of a tropical mountain forest in southern	Bräuning
	16:45 - 17:15	<b>Coffee break and posters</b>	
<b>Chair</b>	<b>Bräuning</b>	<b>D: “Landscape Dynamics” and other topics</b>	
	17:15 - 17:30	High temporal resolution measurements of NO <sub>3</sub> -, DOC and sediment fluxes in the Rio San Francisco	Breuer
	17:30 - 17:45	Modeling forest growth dynamics of the ECSF forest	Dislich
	17:45 - 18:15	Outro - Towards monitoring platform of biodiversity and ecosystem services in south Ecuador under environmental change	Bendix

## Friday 07.10.2011, 08:30 – 13:40 (talks in Spanish)

	08:30 - 08:40	Intro and welcome	Zeilinger / Matt
<b>Chair</b>	<b>Suarez</b>	<b>A: “Forest Ecosystems“</b>	
	08:40 - 09:00	Respuesta biogeoquímica del suelo bajo bosque montañoso tropical en el sur del Ecuador a cambios ambientales	Valarezo
	09:00 - 09:20	Efecto de cambio del uso de la tierra sobre la biodiversidad en el área del PN Podocarpus	Werner
	09:20 - 09:40	Definiendo especies en Tulasnella: Tulasnella sp. nov y dos nuevos reportes para Ecuador información molecular (IST-5.8S) y morfológica	Cruz
	09:40 - 10:00	Uso de las hormigas para monitorear las perturbaciones de la selva tropical de los Andes ecuatorianos causadas por los cambios atmosféricos	Delsinne
	10:00 - 10:20	Identificación molecular de gametofitos de briofitas y helechos y su potencial como bio-indicadores	Lehnert
		<b>B: “Pastoral Ecosystems“</b>	
	10:20 - 10:40	Ecología de los pastos y efectos de su manejo en los Andes en el Sur de Ecuador	Roos
	10:40 - 11:00	Evaluación de la sostenibilidad rural a escala de finca; a partir de las dimensiones: económica, social y agroecológica. Caso Yantzaza – Ecuador	Izquierdo
	11:00 - 11:40	Coffee break and posters	
<b>Chair</b>	<b>Valarezo</b>	<b>C: “Rehabilitation &amp; Sustainable Development”</b>	
	11:40 - 12:00	Impacto de un raleo selectivo en la composición florística y el dosel de un bosque tropical de la montaña	Cabrera
	12:00 - 12:20	Inserción de los servicios ecosistémicos a la economía nacional, a través de la implementación de instrumentos financieros	Castro
	12:20 - 12:40	Manejo eficiente de Bio-Portafolios, un camino efectivo para el uso sustentable del suelo y la Conservación de los ecosistemas	Calvas
	12:40 - 13:00	Tenencia de tierra, deforestación y conservación en la Cuenca alta del río Zamora	López
	13:00 - 13:20	Nuevos bosques para Ecuador: Conversión de plantaciones puras de Pino y Aliso en bosques mixtos, un modelo para transfer de conocimiento	Günter
		<b>D: “Landscape Dynamics”</b>	
	13:20 - 13:40	Reconstrucción de la vegetación, clima e impacto humano de "El Cristal" sur del Ecuador durante el Holoceno	Villota

