

**Timetable**

UTPL, Edificio 1, Ground floor, Auditorio Pío Jaramillo Alvarado

Thursday 07.10.2010, 09:00 - 12:15

09:10 - 09:30 Introduction

Jörg Bendix

Chair Reinhard Mosandl**A Forest Ecosystems**

09:30 - 09:45 Microarthropods along an altitudinal gradient in a tropical mountain rain forest in Southern Ecuador

Mark Maraun

B Pastoral Ecosystems

09:45 - 10:00 The new diversity of orchid mycorrhizal fungi

Ingrid Kottke

10:00 - 10:15 Vegetation structures and ecological features of the upper timberline ecotone within the Andean Depression

Thorsten Peters

10:15 - 10:30 Ecuadorian arbuscular mycorrhizal fungi and their role and diversity in native trees of the ECSF region

Arthur Schüssler

10:30 - 10:45 The population of bracken on the Llashipa research area

Kristin Roos

10:45 - 11:15 Coffee break and posters

Chair Erwin Beck**Biodiversity Research**

11:15 - 11:30 ABA Ecuador: Rapid assessment of beetles and lower plant species

Wolfgang Wägele

Dietmar Quandt

11:30 - 11:45 ABA Ecuador: Terrestrial microalgae and cyanobacteria along an altitudinal gradient.

Thomas Friedl

11:45 - 12:00 Ecosystem conservation, generation of bio-knowledge and sustainable development of the industry based on ecosystem services and goods for a better livelihood

Bruno Paladines

12:00 - 13:15 Lunch

Thursday 07.10.2010, 13:15 - 18:30

Chair Reinhard Mosandl

13:15 - 14:45 Guided Poster Session, 3 Minutes each

Chair Mark Maraun

C Rehabilitation & Sustainable Development

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| 14:45 - 15:00 | Facilitative and competitive interactions as responsible drivers of natural succession on abandoned pastures in the Andes of South Ecuador | Michael Weber |
| 15:00 - 15:15 | Impact of silvicultural interventions on natural regeneration in mountain rain forests in South Ecuador | Reinhard Mosandl |
| 15:15 - 15:30 | Effects of mycorrhization and fertilization on plant production in the nursery | Bernd Stimm |
| 15:30 - 15:45 | Arbuscular mycorrhizal communities | Ingeborg Haug |
| 15:45 - 16:00 | Financial compensation to avoid carbon emissions from forest loss: An approach to consider risk-aversion and price-quantity effects | Thomas Knoke |

16:00 - 16:30 Coffee break and posters

Chair Wolfgang Wilcke

D Landscape Dynamics

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| 16:30 - 16:45 | Palaeoecological studies in the Podocarpus National park region, southern Ecuador | Hermann Behling |
| 16:45 - 17:00 | Climatic control of radial tree growth in a humid lower montane rainforest in Southern Ecuador | Oswaldo Ghanzi |
| 17:00 - 17:15 | Landcover change simulation in southern Ecuador and beyond | Jörg Bendix |
| 17:15 - 17:30 | Vegetation and climate dynamics in Ecuador - Vegetation index | Víctor González |
| 17:30 - 17:45 | New emission data bases: Tools for constraining atmospheric nutrient fluxes in South America | Peter Fabian |
| 17:45 - 18:00 | Modelling the link between life and landscape (landslides, forest dynamics and carbon balance) | Peter Vorpahl |
| 18:00 - 18:15 | Predicting climate change impacts on water resources in the tropical Andes: the effects of GCM uncertainty | Rolando Céleri |
| 18:15 - 18:30 | Soil Landscape Modeling | Mareike Ließ |

Friday 08.10.2010, 08:00 - 12:50

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| 08:00 - 08:05 | Introducción | Felix Matt / Jörg Zeilinger |
| 08:05 - 08:20 | Líneas de investigación científica de SENACYT y como postular a financiamiento para proyectos de Investigación Científica, Desarrollo e Innovación Tecnológica | Introducción Lauro Luna |

Chair Juan Pablo Suárez

A Forest Ecosystems

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| 08:20 - 08:40 | El experimento NUMEX: ¿Cómo responden los ciclos de elementos en el bosque tropical de montaña a la adición de nutrientes? | Carlos Valarezo |
| 08:40 - 09:00 | Efectos de la adición de nutrientes al crecimiento de los árboles en el bosque tropical de montaña | Nixon Cumbicus |
| 09:00 - 09:20 | Definiendo especies en <i>Tulasnella</i> correlacionando morfología y secuencias de rDNA (ITS-5.8S) desde basidiomas en un bosque Tropical Andino | Darío Cruz |

B Pastoral Ecosystems

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| 09:20 - 09:40 | Aplicación de hongos micorrizas arbusculares en el vivero forestal con enfoque a la reforestación | Narcisa Urgiles |
| 09:40 - 10:00 | Diferentes tipos de derrumbes y sus efectos ambientales en el Sur de Ecuador | Michael Richter |

10:00 - 10:30 Coffee break and posters

Chair Carlos Valarezo

C Rehabilitation & Sustainable Development

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|---------------|--|-------------------|
| 10:30 - 10:50 | Influencia de las intervenciones silviculturales en la regeneración natural en un bosque montano | Johana Muñoz |
| 10:50 - 11:10 | Compensaciones para evitar la deforestación en el Ecuador evaluadas desde una perspectiva con incertidumbre financiera | Luz Maria Castro |
| 11:10 - 11:30 | Sistemas de uso alternativos para contener la deforestación en el sur del Ecuador | Andrés Gerique |
| 11:30 - 11:50 | Modelo de crecimiento económico sostenible del manejo agrícola en la Amazonia: El ejemplo de Yantzaza | Gonzalo Izquierdo |

D Landscape Dynamics

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| 11:50 - 12:10 | Estudio paleoecológico en las Lagunas Natotas, páramo de Jimbura, sur de Ecuador | Andrea Villota |
| 12:10 - 12:30 | Incertidumbre asociado a modelación hidrológica en una microcuenca altoandina | Raul Vásques |
| 12:30 - 12:50 | Factores que controlan la respuesta hidrológica de micro-cuencas en los Andes tropicales (Ecuador) | Patricio Crespo |