

**Posters****UTPL, Edificio Octógono, Ground floor, central hall**

There will be a guided Poster Session with 3 Minutes presentations of each poster the 7th of October between 13:15 - 14:45.

Name	Poster title
A	Forest Ecosystems
Tapia, Valdivieso, Espinosa, Homeier	Deforestation, fragmentation and habitat loss in different vegetation types in South Ecuador during the last 32 years
Camenzind, Rillig	Arbuscular mycorrhizal responses to fertilization
Adams, Fiedler	Herbivore Communities on Shrubs and Treelets in the Montane Forest Zone of Southern Ecuador
Werner, Gradstein	Reduced epiphyte diversity on isolated remnant trees: die-back of resident florremnant flora or reduced recruitment?
Valarezo, Wilcke	Afforestation project
Sadri	Expanding hydrological catchment modelling to the simulation of element cycles.
Bigalke	A trace metal and stable Ca isotope approach to identify Sahara-derived Ca in rainfall of the RBSF.
González	Management of soil fertility with amendments of biochar in wood tree plantations of the south Ecuadorian Amazonia
Müller, Martinson, Veldkamp, Corre, Flessa	Effect of nutrient addition on N ₂ O fluxes and N cycling in montane tropical forest soils
Wolf, Veldkamp, Flessa	Terrain heterogeneity and trace gas fluxes from tropical montane forest soils

Name	Poster title
B Pastoral Ecosystems	
Voss, König, Silva, Roos, Beck, Scheibe	The Southern Bracken competition model: Physiological basis
Silva	Current status of the Southern Bracken competition model: assessment of photosynthesis
Curatola	Land-use change detection with multitemporal satellite data
Drobnik, Grünberg, Präg, Richter, Peters	Climate variability in two different tropical forest ecosystems of southern Ecuador
Hamer	Response of soil microbial activity and community structure to land use change
C Rehabilitation & Sustainable Development	
Pohle, Gerique, Lopez Sandoval, Park	Human ecological dimensions in the sustainable utilization and conservation of tropical mountain forests.
D Landscape Dynamics	
Rodriguez, Behling	Late Holocene vegetation, fire, climate and upper forest line dynamics in the Podocarpus National Park, south eastern Ecuador
Jantz, Behling	Holocene vegetation, climate, and fire dynamics in the south eastern Ecuadorian Andes - Derived from the Tres Lagunas-region
Makowski	Datahandling and analysis of new emission databases for matter deposition in the tropical mountain forest.
Trachte, Rollenbeck, Bendix	Simulation of nocturnal convective clouds at the eastern Andes of South Ecuador
Rollenbeck	Nubes y neblina: ¿porque llueve tanto en la Cordillera real?
Windhorst	New field experimental approaches to investigate highly dynamic water and biogeochemical fluxes in the San Francisco