

## Ikiam - Fact sheet of the Project Region Forest areas in Tena

Facts/ characteristics	Description
<b>General Information</b>	
Country	Ecuador
Name of the region	Forest areas in Tena
Contact partner	Kassandra Bazantes
<b>Description of the site</b>	
Coordinates of center point or surrounding polygon (latitude, longitude in WGS'84)	(0°49'21.03'S, 78°16'19.25"W)
Topographic information (altitude)	510 masl
Climate information	Tropical amazon climate. Rainy and cloudy during the entire year. Average temperatures from 22°C to 32°C.
Soil characteristics	Different soil formations, but almost all the areas (experimental plots) are with low pH and reduced organic matter content.
<b>Information on Land use</b>	
Traditional farming practises (if available)	Chakra farming system is the most common, but livestock and forest are the most extensive uses in the region.
Cropping practise /cultivated crops/trees/cropping system	Cocoa in intercropping with trees is one of the most important cropping practices. Also the chakra system.
Management (fertilizer/pesticide/tillage etc. )	Crop management are Minimum or no fertilizer and pesticides are used in crops production.
<b>Research questions/interests</b>	
current research activities	Influence of microbial communities on forest succession <ul style="list-style-type: none"> <li>• Bacteria and fungi isolation on primary and secondary forest.</li> <li>• Physicochemical soils analysis in primary forest and land uses (cocoa, livestock) in secondary forest.</li> <li>• Metagenomics analysis of soil samples (identification).</li> </ul>
Interests and project ideas	Determination of microbial communities linked with physic and chemical properties of soils under different land uses (primary forest, livestock and cocoa crop under chakra system). Forest regeneration and perturbation could be linked with microbial community, as well as the functional groups belonging to each ecosystem.
<b>Student work</b>	
participation of students in this region	Kassandra Bazantes is doing her research for undergraduate thesis in this region. Other students of the university do their excursion to these areas.
Kind of activities	Research activities in Kassandra studies. Student of Ecosystem career do their excursion for determining plant and animal biodiversity.
Student activities part of the curriculum? yes/no	Yes
<b>Available data sets</b>	No available data set
<b>Comments</b>	