

Organic farming and environmental protection in Peru

A technical college as step towards a local and sustainable production i

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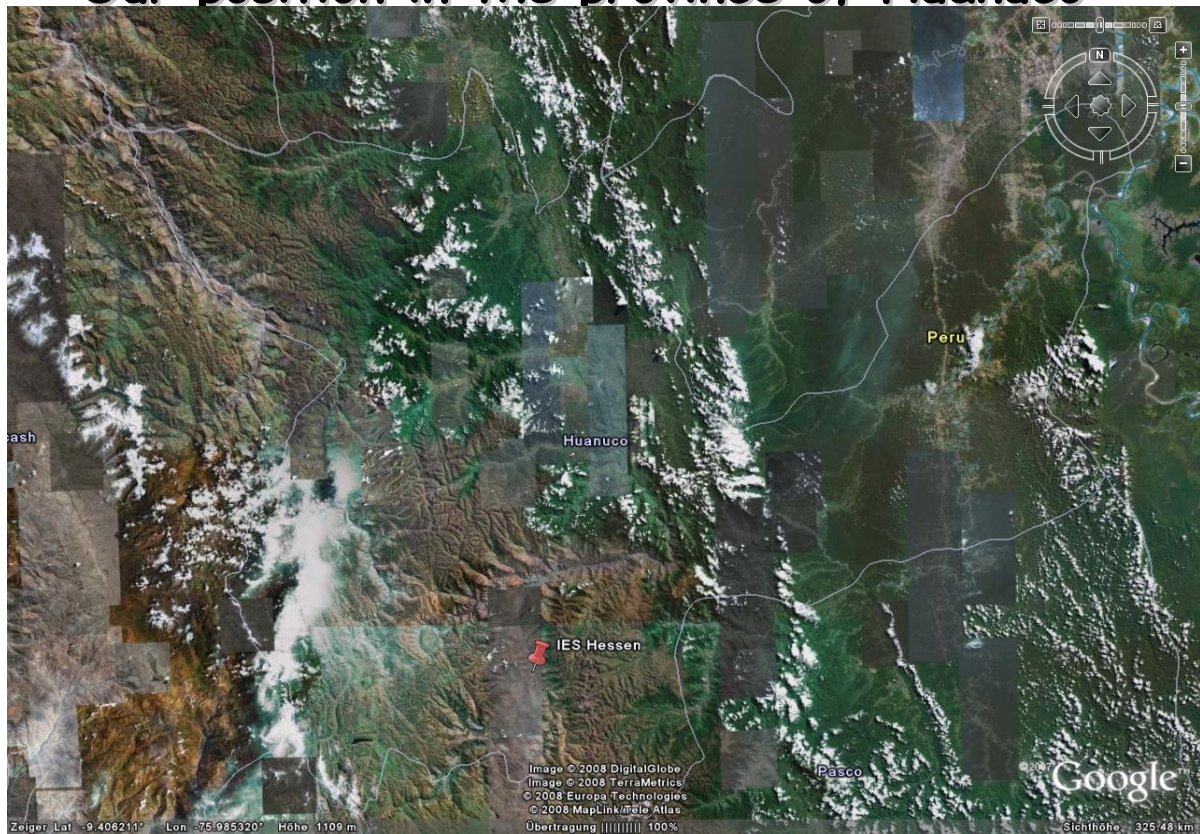
Who are we?

- We are a technical college which is recognized by the Peruvian government and is teaching at the moment nursing, dentistry and laboratory technique
- we are intending to broaden our offers adding the sectors of agriculture, environmental protection and nutritional science

Our position in Peru



Our position in the province of Huanuco



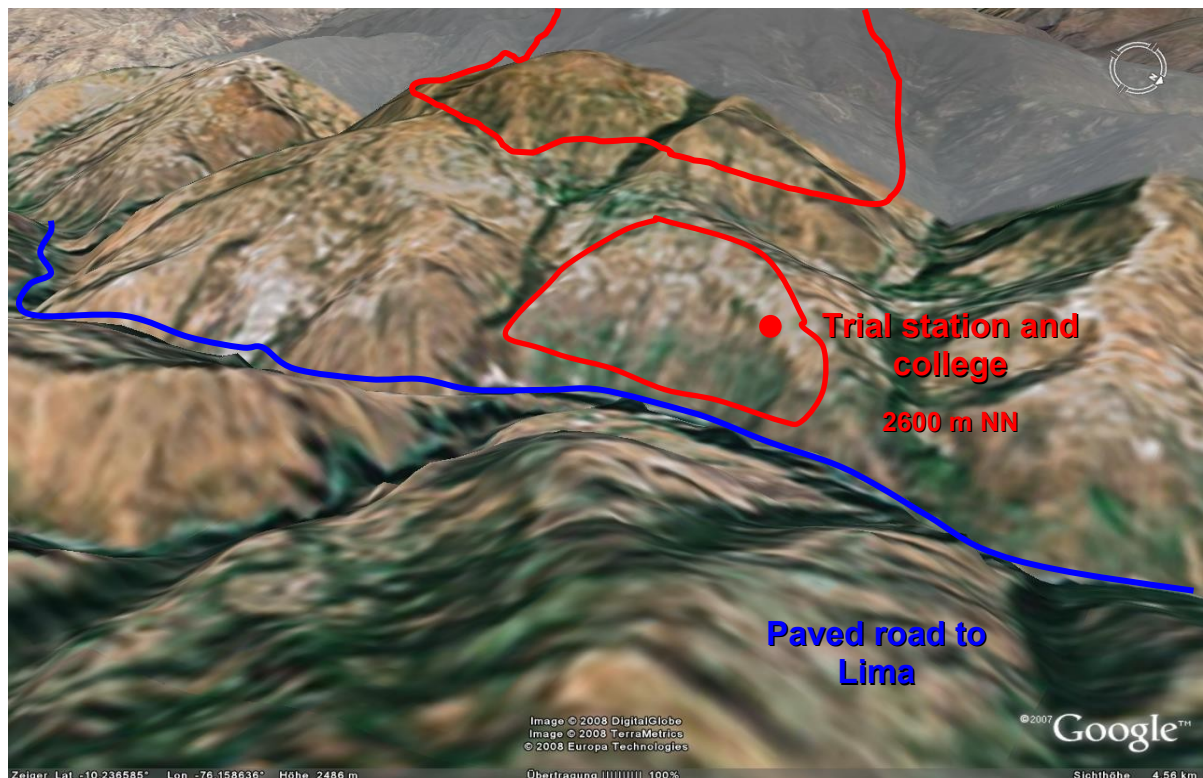
View on the existing college



What is our project?

- Foundation of an agricultural department of the college with 60 students per year and a programme duration of three years
- Investigation on organic agriculture based on techniques of the Yaru culture and application of results
- foundation of a local branch of the college with a agricultural trail station on the 500 ha of ground available for this purpose

Position of the agricultural area



Position relative to the existing college



Climate and soils

- average temperature is about 22°C depending on altitude, without seasonal changes
- seasonal rainfall from November to February
- degraded, clayey soils

Parts of the agricultural project

- terracing of fields to prevent erosion
- forage and fruit tree planting
- practice of mixed cultures
- construction of a stable for hundred dairy cows (Brown Swiss)

Parts of the food processing project

- dairy product processing
- potato processing
- milling of cereals and cassava

Parts the investigation and education project

- construction of classrooms and laboratory
- continuation of the archaeological investigation on the agriculture of the Yaru
- field trials to adapt this agriculture to modern conditions
- integration of practical work and production in the lectures
- research in the hibernation of seeds in high altitudes (to facilitate germination and desactivate bacteria)

Yaru terraces



Yaru terraces



Yaru terraces



Yaru terraces



Yaru terraces



Yaru terraces



**Yaru irrigation
system-with subsoil
pressure canals**



hibernation of seeds



hibernation of seeds



hibernation of seeds



hibernation of seeds



Our around



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