Sustainable Development Goals

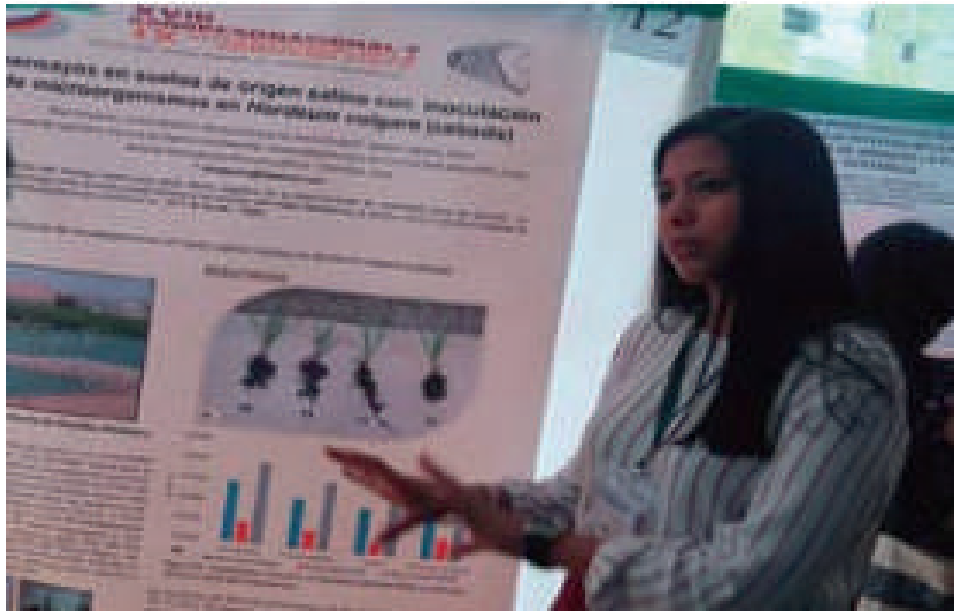
Protection and Research of the Titicaca Giant Frog

Roberto Elías Piperís, Professor of Veterinary Medicine, was recognized as a National Geographic delegate; he obtained a grant from Denver for preserving and conducting a research on the Titicaca giant frog. Commemorative 1 sol coin was issued with an illustration of this frog.

18th National and 9th International Congress of Soil Science

In the last edition of the 18th National and 9th International Congress of Soil Science, held in the city of Pucallpa on May 20-23, 2019, representatives of the UPC Environmental Engineering program participated. Professor Silvia Aguero Aguilar, Biol. Mg Sc., and the students Jareth Diaz Cervantes and Karla Minaya Echevarria attended the event.

The UPC delegation presented a research poster regarding native saline soils and the effects of microbial inoculants on an indicator culture (barley). This research was carried out in order to develop a research line related to the recovery of saline soils of anthropic origin (mainly degraded by the excessive use of agrochemicals). This work was a result of continuous previous tests made in the Pollution and Soil Quality Control course (2018-2 semester), and replicated in the 2019 summer term, whose conclusions were presented in this event.



PachApp, a Platform that Connects Socially Responsible Companies with Formal Recyclers

PachApp innovates in recycling practices using a digital platform for the care of the environment, connecting companies that seek to donate their reusable solid waste with formal recyclers. This application allows recyclers to know the routes of companies with which they can work and, similarly, companies can know the recyclers' routes. Currently, PachApp allows to train the participating companies' employees in waste segregation and implementation of segregating garbage cans.

This initiative was launched by Samuel Sotomayor, who is one of the ten winners of the 9th edition of UPC Protagonistas del Cambio [Protagonists of Change] in 2019.

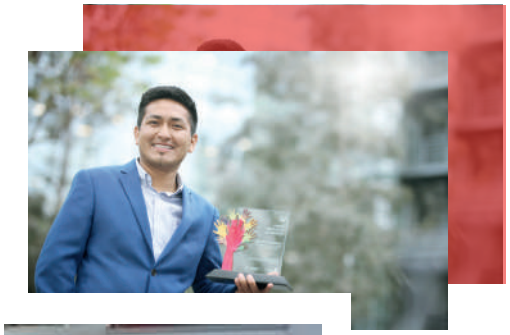
The goals achieved by PachApp and Samuel up to date are:

Award ceremony at the Sustainable Fair, Ica Region, 2019.

Acceptance of Wayra accelerator to support PachApp as candidate for the 2019 StartUp Peru.

Winners of the 2018 Telefónica Open Future contest.

More than 1,700 kg of recycled waste in 30 days, with 20 associated companies surpassing similar entrepreneurships.



Carbon Footprint

At UPC, we are committed to managing the environmental impacts of our operations in line with the institution's social responsibility approach and in compliance with current legal regulations established by the Ministry of the Environment. Therefore, we constantly re-evaluate our processes and identify potential opportunities for improvement to control, reduce and mitigate these environmental impacts. The measurement of the carbon footprint allows us to know our environmental impact regarding the emission of greenhouse gases. This first measurement will help us to have a baseline and to observe the progress of our footprint over time. Likewise, it will allow us to know which of our processes has the highest GHG emission and how our environmental management plans are helping to reduce such footprint.