2019 CLIFF-GRADS Awardees

Victor Ilich Alvarado Bolovich

Peru

Studying at: National Agrarian University La Molina, Peru

Hosted by: National Institute of Agricultural Technology (INTA), Argentina

What is your academic background?

I'm a PhD student at the National Agrarian University La Molina, where I study animal sciences. My thesis topic is Carbon footprint through the life cycle assessment in high Andean southern cattle livestock systems. I also work at the National Institute of Agrarian Innovation, where I conduct research in measurement of enteric methane emissions in dairy cows, sheep and South American camelids.

Which project have you been selected for?

"Greenhouse gas mitigation strategies on cow/calf production systems", supervised by Dr. José I. Arroquy and Dr. Ricci Patricia.

How will this award impact your study?

My country is involved in measurements of enteric methane, where the first measurements have been made in dairy cows fed with pastures cultivated through my master thesis entitled "Enteric methane emission from lactating cows with pastures grown in the Andes - rainy and dry season", published this year. There is a need to improve our analytical skills in this matter and extend them to the different livestock realities of Peru. Likewise, the skill and research experience that I can acquire in mitigation techniques are key and necessary to comply with the environmental commitments of my country, signed in the Paris Agreement in 2016.

Tell us a bit more about yourself?

I graduated with honors in the Bachelor´s degree studies (Animal Science) at National Agrarian University La Molina in 2012. Then in 2016, I won a CONCYTEC Scholarship to pursue a Master's degree in Animal Nutrition, where I graduated in the first place. My dissertation title was "Enteric methane emission from cows in lactation with cultivated pastures in the highlands – rainy and dry season. Finally, in 2018 I won a CONCYTEC Scholarship to pursue a Phd in Animal Science at the National Agrarian University La Molina.

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