Paul Efren

Paul Efren Santos Andrade. Biólogo y entusiasta de la Programación

Descarga el CV en formato PDF

CONTACTO

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paulefrensa.rbind.io
github.com/PaulESantos
PaulEfrenSantos

PROGRAMAS

R
Python
ArcGIS
CSS
Git
SQL
AutoCAD
Photoshop

*Elaborado con el paquete **pagedown**.*

Código disponible en: github.com/PaulESantos/cv.

Actualizado: 2022-05-11.

EDUCACIÓN

2018 — **MAESTRÍA EN ECOLOGÍA Y GESTIÓN AMBIENTAL**
Universidad Nacional San Antonio Abad — Cusco, Peru

2012 | 2008 — **BACHILLER EN BIOLOGÍA**
Universidad Nacional San Antonio Abad — Cusco, Peru

EXPERIENCIA

2020 | 2019 — **ASISTENTE DE INVESTIGACIÓN**
Universidad de Arizona
Universidad de Bergen
Cusco, Peru

· **Proyecto:**
Roles of inter and intra specific variability in the composition and functional diversity of high Andean plants of the Puna in the Manu National Park

2017 | 2016 — **ASISTENTE DE INVESTIGACIÓN**
University of Miami
Department of Biology
Cusco, Peru

· **Proyecto:**
Vulnerability to forest drought dominated by Bamboo: Detection with remote sensing and functional adaptation of the plant community in the Amazon - Andean gradient compared to forest without bamboo

2016 — **ASISTENTE DE INVESTIGACIÓN**
University of Oxford
GEM Global Ecosystems Monitoring Network
Cusco, Peru

· **Proyecto:**
RAINFOR - GEM: A Proyecto to understand the carbon balance in the Andean and Amazonian forests

2015

ASISTENTE DE INVESTIGACIÓN

Cusco, Peru

The Open University
Department of Environment, Earth & Ecosystems
Centre for Earth, Planetary, Space & Astronomical Research
CEPSAR

· **Proyecto:**
Evaluate the contribution of tree- stem CH4 and N2O emissions to the total ecosystem emissions from a range of tropical rainforests on the south-eastern slopes of the Andes

2015

ASISTENTE DE INVESTIGACIÓN

Cairns QLD, Australia

University of Oxford
Environmental Change Institute
University of Leeds
James Cook University

· **Proyecto:**
T- Forces: Changes of tropical forests in the land system

2015 | 2013

ASISTENTE DE INVESTIGACIÓN

Cusco, Peru

University of Miami
Department of Biology

· **Proyecto:**
Factors that influence the dynamics and location of the forest line between the forest and the Puna on Parque Nacional del Manu – Peru at Acjanaco, Qurqurpampa and Tres Cruces (4ta Period)

2014

ASISTENTE DE INVESTIGACIÓN

Oxapampa, Peru

University of Oxford
Environmental Change Institute
University of Leeds

· **Proyecto:**
T- Forces: Changes of tropical forests in the land system

2013 | 2010

ASISTENTE DE INVESTIGACIÓN

Cusco, Peru

University of Aberdeen
Institute of Biological and Environmental Sciences

· **Proyecto:**
Are tropical uplands regional hotspots of methane and nitrous oxide?

2013

ASISTENTE DE INVESTIGACIÓN

University of Oxford
Environmental Change Institute
Pontificia Universidad Católica del Perú
Instituto de Ciencias de la Naturaleza Territorio y Energía Renovables
Cusco, Peru

· **Proyecto:**
CHAMBASA - CHallenging Attempt to Measure Biotic Attributes along the Slope of the Andes

2012 | 2011

ASISTENTE DE INVESTIGACIÓN

University of Edinburgh
School of Geo Sciences

Cusco, Peru

· **Proyecto:**
Respiration of soil with the Multiplexer Licor along a gradient of elevation of the Andes to the Amazon

TALLERES

2021

INTRODUCCIÓN A LA PROGRAMACIÓN CON R TIDYVERSE

Taller en línea

Remoto

2021

VISUALIZACIÓN DE DATOS

Taller en línea

Remoto

2019

MANIPULACION DE DATOS

Museo De Historia Natural

Cusco, Peru

2019

UNA INTRODUCCION A LA VISUALIZACION DE DATOS

Museo De Historia Natural

Cusco, Peru

PRESENTACIONES

2021

ASSESING LONG-TERM SHIFTS IN FUNCTIONAL COMPOSITION AND IMPACTS ON CARBON AND WATER CYCLING IN THE SOUTHERN ROCKY MOUNTAINS

AGU Fall Meeting 2021

New Orleans, LA
Remoto

· Julia Chacon-Labella, Cesar Hinojo Hinojo, **Paul Efren Santos**, Lindsay Backhaus, Sandra Milena Duran, Lorah Seltzer, Alex Brummer, Amanda Henderson, Charles F. Rick Williams, Nicola Falco, Haruko M Wainwright, Eoin Brodie, Susan S. Hubbard, Kenneth Hurst Williams, Vigdis Vandvik and Brian Joseph Enquist

2020

INTRODUCCIÓN A LA ECOLOGÍA BASADA EN RASGOS FUNCIÓNALES

ZOE Asociación para la Investigación y Conservación

Remoto

2020

INTRODUCTION TO TIDYVERSE

Plant Functional Trait Course - PFCT5

Cusco, Peru

2020

ASSESSING HOW LONG-TERM SHIFTS IN SPECIES AND FUNCTIONAL COMPOSITION HAVE IMPACTED CARBON AND WATER CYCLING THE SOUTHERN ROCKY MOUNTAINS

AGU Fall Meeting 2020

Remoto

- Julia Chacon-Labella, Connor Wilson, Lindsay Backhaus, **Paul Efren Santos - Andrade**, Sandra Milena Duran, Alex Brummer, Amanda Henderson, Lorah Seltzer, Nicola Falco, Haruko M. Wainwright, Eoin Brodie, Charles F. Williams, Susan S. Hubbard, Vigdis Vandvik, Brian Joseph Enquist, Kenneth Hurst Williams

2020

ASSESSING THE SENSITIVITY OF EVAPOTRANSPIRATION TO SHIFTS IN PLANT TRAITS, CHANGING CLIMATE, AND EARLIER SNOWMELT: LONG-TERM OBSERVATIONS FROM A 1,000M ELEVATION GRADIENT IN THE EAST RIVER WATERSHED, COLORADO, USA

AGU Fall Meeting 2020

Remoto

- Brian J. Enquist, Julia Chacon-Labella, Alex Brummer, Sandra Milena Duran, **Paul Efren Santos-Andrade**, Nicola Falco, Amanda Henderson, Haruko Murakami Wainwright, Vigdis Vandvik, Eoin Brodie, Susan S Hubbard, Kenneth Hurst Williams

PUBLICACIONES

2021

TROPICAL TREE GROWTH SENSITIVITY TO CLIMATE IS DRIVEN BY SPECIES INTRINSIC GROWTH RATE AND LEAF TRAITS

Global Change Biology

- Bauman, D., Fortunel, C., Cernusak, L. A., Bentley, L. P., McMahon, S. M., Rifai, S. W., Aguirre-Gutiérrez, J., Oliveras, I., Bradford, M., Laurance, S. G. W., Delhaye, G., Hutchinson, M. F., Dempsey, R., McNellis, B. E., **Santos-Andrade, P. E.**, Ninantay-Rivera, H. R., Chambi Paucar, J. R., Phillips, O. L., & Malhi, Y.

2021

REDUCED TREE DENSITY AND BASAL AREA IN ANDEAN FORESTS ARE ASSOCIATED WITH BAMBOO DOMINANCE

Forest Ecology and Management

- Belen Fadrique, **Paul Santos-Andrade**, William Farfan-Rios, Norma Salinas, Miles Silman, Kenneth J. Feeley

2018

TROPICAL FOREST LEAVES MAY DARKEN IN RESPONSE TO CLIMATE CHANGE

Nature Ecology & Evolution

- Christopher E. Doughty, **Paul Efren Santos-Andrade**, Alexander Shenkin, Gregory R. Goldsmith, Lisa P. Bentley, Benjamin Blonder, Sandra Díaz, Norma Salinas, Brian J. Enquist, Roberta E. Martin, Gregory P. Asner, Yadvinder Malhi

2017

CAN LEAF SPECTROSCOPY PREDICT LEAF AND FOREST TRAITS ALONG A PERUVIAN TROPICAL FOREST ELEVATION GRADIENT?

Journal of Geophysical Research: Biogeosciences

- Doughty C.E., **Santos Andrade P.E.**, Goldsmith G.R., Blonder B., Shenkin A., Bentley L.P, Chavana Bryant C., Huaraca Huasco W., Díaz S., Salinas N., Enquist B.J., Martin R., Asner G.P., Malhi Y.

POSTERS

2021

EVALUATING THE EFFECT OF SAMPLING SCALE TO QUANTIFY DIFFERENT COMPONENTS OF PLANT BIODIVERSITY WITH IMAGING SPECTROSCOPY.

AGU Fall Meeting 2021

New Orleans, LA
Remoto

- Sandra M Duran, Nicola Falco, **Paul Efren**, Jesus N Pinto Ledezma, Haruko M Wainwright, Heidi Steltzer, Eoin Brodie, Brian Joseph Enquist and Jeannine Cavender-Bares.

2021

HYPERSPECTRAL DERIVED TRAITS AND VEGETATION INDICES PREDICT RATES OF ABOVE- AND BELOW-GROUND CARBON FLUXES IN ALPINE MEADOWS

AGU Fall Meeting 2021

New Orleans, LA
Remoto

- Sandra M Duran, Nicola Falco, Sergio Marconi, **Paul Efren**, Amanda Henderson, Haruko M Wainwright, Heidi Steltzer, Eoin Brodie, Scott R Saleska and Brian Joseph Enquist.