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EDUCATION

- 2015-2017** **University of Twente – Lund University**
MSc. in Geo-information Science and Earth Observation for
Environmental Modelling and management
- 2007-2012** **Universidad Nacional Agraria “La Molina”**
Forestry Engineer
Merit award: Upper fifth
- 2004-2006** **Davy College**
International Baccalaureate. IBO
Merit award: Upper fifth

TRAINING

- 03 – 07 Apr. 2017** Application of UAV Data in Temperate and Arctic Environmental
Research. **UCPH. Denmark.**
- 13 – 17 Mar. 2017** Statistical Analysis of Hyperspectral and High-Dimensional Remote-
Sensing data using R. **U. Jena. Germany**
- 17 - 19 Jan. 2017** Workshop “Remote Sensing of Fluorescence, photosynthesis and
vegetation status” **ESA. Italy**
- 2 Aug. - 16 Sept 2015** Course “Remote Sensing of Forest Resources.” **JICA. Japan**
- 10 - 30 Nov. 2014** Course” Technical and legal basis for the responsible management of
tropical forests in the Peruvian Amazon.” **IIAP. Peru**
- 16 Jun. – 21 Jun. 2014** Course and workshop “Spatio-temporal data analysis with R-
SAGA+GRASS+Google Earth” (GEOSTAT 2014 Summer School).
Norwegian School of Economics. Norway
- 27-30 Jan. 2014** Course “Scientific Communication”. **UNALM. Peru**
- 16-18 Oct. 2013** Esri Latin America User Conference. **ESRI. Peru**
- 20 Jun. – 2 Aug. 2013** Project Management. **Universidad ESAN. Peru**

PROFESSIONAL EXPERIENCE

- 1 Oct. 2014– Nowadays** **IIAP (Instituto de Investigaciones de la Amazonia Peruana)**
Researcher at the Forest Management and Environmental Services
program (PROBOSQUES).
- 1 Jan. – 30 Jun. 2016** **University of Twente. ITC**
Member of the Programme Committee of the Faculty of ITC.
- 30 Aug. – 25 Sep. 2014** **PACIFIC PIR**
Botanical specialist in the biological monitoring of lot 107 (San Matías
San Carlos protected forest).
- 1 – 30 Aug. 2014** **Innovalia**
Consultant to prepare a GIS of the vegetation maintenance in the Gran
Canaria roads- Spain.
- 1 Oct. 2013– 30 Jul. 2014** **VLIR-UNALM programme**
Researcher at the Drone project.
- 11 Mar. 2012 – 30 Sep. 2013** **VLIR-UNALM programme**
Researcher at the Agroforestry project.
- 9 May. – 15 Sept. 2012** **MINAM/GIZ**
Volunteer to prepare a proposal to implement a botanical garden in
Presidente del Perú school.

16 Jan. – 24 Feb. 2012	Gobierno Regional de Huancavelica Field assistant in georeferencing and evaluation of Forestry plantations and nurseries.
11 Oct. – 13 Dec. 2010	UNODC Digitalization and multi-temporal analysis of satellite imagery to determine deforested areas in coca- growing areas of Peru.

AWARDS

Apr. 2016	8th place Worldwide and Regional Winner (Netherlands) of "People's Choice" NASA Space Apps challenge for the app "SenseAir"
Aug. 2008	Top 10 at the Bayern Youth Summit in Peru for the project "Reducing emissions from vehicles in urban areas".

PUBLICATIONS

Tagle, X. 2017 Study of radiometric variations in Unmanned Aerial Vehicle remote sensing imagery for vegetation mapping. Lund University. Sweden.
 Chuquizuta, B; **Tagle, X.** 2016. Feasibility study for the development of furniture using cashavara (*Desmoncus polyacanthos*) fiber for exportation. *Folia Amazonica* 25:1.
 Alegre, J.; Vega, R; Garcia, S; Lao, P; **Tagle, X.** 2014. Manual of methodologies developed in Agroforestry and other land use systems in research carried out in San Martín and Loreto.
Tagle, X. 2013. Medium-term carbon contribution of litter from different Land Use Systems along the Tarapoto-Yurimaguas road. UNALM. Peru.

PROJECTS INVOLVED

Ago. 2017 – Dec 2018	Monitoring of protected natural areas in Peru to increase the resilience of forests to climate change (MonANPeru).
Jul. 2017 – Jul 2018	Analysis of the management of camu-camu (<i>Myrciaria dubia</i>) using high resolution images of UAVs in the lower basin of the Ucayali River, Loreto.
Oct. 2016 – May 2017	Radiometric calibration of UAV remote sensing products for vegetation mapping.
Feb. 2016 – Jan. 2019	Bamboo Value Chain for Scientific and Technological Development (CI-BAMBÚ). P1: Bamboo species distribution modelling.
Oct. 2014 - Dec 2018	Technology transfer and management of plantations in Loreto.
Oct. 2014 - Dec 2018	Ecology and Management of Non-Timber Forest Species in Jenaro Herrera.
Oct. 2013 - Jul. 2014	UAV-based assessment of natural resource management strategies in Peru.
Mar. 2011 - Sept. 2014	Dynamics of organic phosphorus, quality of organic matter and mycorrhizal activity with Agroforestry and other land use systems along the Tarapoto – Yurimaguas road in the Amazon.

INFORMATIC SKILLS

Microsoft Office 2007-2016
ArcGIS
QGIS, GRASS GIS
Agisoft PhotScan Professional
Pix4D Mapper and capture
ERDAS imagine, ENVI
CorelDRAW X7

Advanced
 Advanced
 Intermediate
 Upper intermediate
 Upper intermediate
 Intermediate
 Basic

PROGRAMMING SKILLS

R Upper intermediate
MATLAB Basic
HTML Intermediate
XML Basic
JavaScript Basic

LANGUAGE SKILLS

Spanish:	Mother tongue
English:	Advanced (IELTS, TOEFL, FCE)
Portuguese:	Upper intermediate (CELPE- BRAS)
French:	Basic (Alliance Française)