



PROFILE

I am a passionate for knowledge and botany, that is why I have been studying since bachelor school (BUAP) anatomy, taxonomy, genetics, farming, ecology, evolution and almost anything related to plant kingdom.

The last years I have been focused studying plant-microorganisms interaction, as pathogens (powdery mildew) or as mutual influence (rhizospheric microbiome ecology) in peppers.

Now I am ending this stage (PhD work), and will love to step in private industrial sector, with many different plant breeding soft and hard skills to share and sum to your company.

CONTACT

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HOBBIES

- Ride my bike in the city and near towns to discover new places.
- Read science fiction novels.
- Landscape and urban photography.
- Take care of my plants.
- Play PC videogames and tinkering with single-board microcontrollers as Raspberry Pi.

IVAN ILICH MORALES MANZO

EDUCATION

Meritorious Autonomous University of Puebla (BUAP, in Spanish) (Puebla, Mexico)

2009 - 2014

Bachelor of Biology. Graduated by grade.

Polytechnic University of Valencia, Polytechnic University of Catalonia, Polytechnic University of Madrid (Valencia, Spain)

2015 - 2017

Master's Degree in Plant Genetics and Breeding. Final project for master's degree: "Study of enzymatic activity of soil in organic and conventional crop management in a set of hot and sweet peppers (*Capsicum spp.*)"

Polytechnic University of Valencia (Valencia, Spain)

2017 - to date

PhD in Agricultural Resources and Technologies. Thesis project: "Genetic improvement of pepper (*Capsicum annuum* L.) for biotic stress: Powdery mildew (*Leveillula taurica* (Lév.) Arn.) and soil fertility: challenges of organic farming and search for sources of variation of interest and related genetic factors"

WORK EXPERIENCE

CINVESTAV and Mexican Academy of Sciences – Summer Internship

June 25, 2012 – August 25, 2012

Collaborate with different research projects at Dr. Jorge Molina Torres' biotechnology and biochemistry laboratory at Guanajuato, Mexico.

Family business - Volunteering

August 05, 2014 – May 30, 2015

Greenhouse labors as weeding, nutrition, irrigation, and plant managing at Puebla, Mexico.

Center for Enterprise Innovation and Competitiveness (CICE – BUAP, in Spanish) – Environmental advisor

January 16, 2015 – June 15, 2015

Interviews and advisories to 'maguey pulquero' (*Agave salmiana* Otto ex Salm-Dyck) farmers to improve soil nutrition and yields at Puebla, Mexico.

CONCYTEP-CONACYT – Grant's holder

September 01, 2015 – August 31, 2021

Recipient of foreign postgraduate studies grants program, 2015, for master's degree and then, 2017's renewal for PhD studies. *one year prorogation, 2020-2021, after difficulties to accomplish research goals due to SARS-CoV-II pandemic.