

# Alejandro Delgado

## Résumé

### PERSONAL DETAILS

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*Birth* January 21th, 1986  
*Address* Street Alfa Centauro 152, Surquillo-Lima  
*Phone* (+051) 985946415  
*Mail* adelgadop@outlook.com

### EDUCATION

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#### Course of Air Quality Modelling using CALPUFF

July 23-27,  
2012

*Pontifical Catholic University of Chile*

Theory and practice related with applications of air quality modelling and the use of CALPUFF model. Duration of the course was 23 hours. Final note: 7,0 (maximum score). SENCE Code: 12-37-8901-21.

#### Environmental Engineering

2005-2009

*National Agrarian University - La Molina*

Specialization in atmospheric pollution. The issue of thesis was about the application of air quality modeling using AERMOD model in order to determine the effect of sulphur dioxide spread in the atmosphere. The title of the thesis is "Optimización del Modelo AERMOD mediante el modelo Meteorológico de Mesoescala BRAMS para la Dispersión de SO<sub>2</sub> de una Fuente Puntual".

### WORK EXPERIENCE

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#### Air Quality and Noise Specialist

2011-present

*Knight Piésold Consultores S.A., Full-time*

Elaboration of environmental studies related with national and international mining projects. Support to Knight Piésold offices in Australia and Ghana. Experience more than 4 years in the elaboration of environmental baseline for climate and meteorology, air quality, noise and ground vibration. Air quality and noise modeler with experience between 2 and 5 years in the use of different software such as AERMOD view, CALPUFF view, IAQx, Openair (R project) and SoundPLAN 7.2

#### Practice in Environmental Engineering

2010-2011

*Klepel Consulting S.A.C., Full-time*

Practice in studies related with environmental impact for constructions of retails in Lima. Researcher in meteorological modeling using BRAMS and applications in order to obtain hourly meteorological data for any location in Perú as input to air quality model.

## SKILLS

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<i>Languages</i>	Spanish (mother tongue) English (intermediate level)
<i>Software</i>	R- STATISTICAL PROGRAM, L <sup>A</sup> T <sub>E</sub> X, CALPUFF, AERMOD, IAQx SOUNDPLAN

## CONFERENCE

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### Module VI Air Quality Dispersion Modeling

July, 2014

*Center of Environmental Technology SENATI and Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH - GIZ, Part-time*

Course to general public involve in air quality analysis, theory and practice.

### Mesoescala Meteorological Modeling using BRAMS

September  
27-29, 2012

*National Agrarian University - La Molina, Part-time*

Course to students of meteorologic career, members of group "Centro de Estudiantes de Meteorología".

### Inventory Emissions and Air Quality Dispersion Modeling

July, 2012  
and 2013

*National Agrarian University - La Molina, Part-time*

Conference to students was about the elaboration of inventory emission of particulate matter and gases from mine operations and analysis using air quality dispersion model using AERMOD view program.

## REFERENCES

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Jerónimo García Villanueva, Mg.Sc. Principal professor associated to National Agrarian La Molina University. Francisco García, Eng. Project Manager of Knight Piésold Consultores S.A.