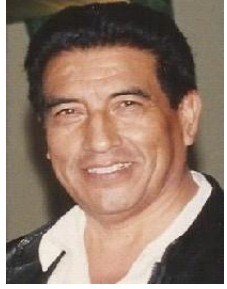




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CURRICULUM VITAE

Name	AGREDA TURRIATE CARLOS	
Professor's Code	19848008G	
Professional Title	PhD	
Highest Academic Degree	Doctor	
Category	Hired professor for more than 30 years	
Time	Full time	
Email	drCarlosagreda@yahoo.ca	

Higher education leading to a degree or title

(Include at the end of the table, postgraduate studies in which the degree is missing, diplomas or specializations)

Description	Year	University - Abbreviation	Country
Professional Mining Engineering		UNI	Peru
MSc – Mining Engineering	1977	Queen's University – Mining Department – Kingston, Ontario	Canada
PhD – Mining Engineering	1980	University of Saskatchewan Department of Mining Engineering Saskatoon – Saskatchewan	Canada

Academic Experience (as a professor or administrative staff in universities or other academic institutions)

Institution	Position	Years: from-to
UNI – FIGMM	Undergraduate and Postgraduate Professor	1984 – Present
Universidad Nacional del Centro del Perú- Huancayo	Postgraduate Professor (Master and Doctorate)	2010 – Present
UNMSM – FIGMMG	Postgraduate Professor	2005
UNI – FIC	Postgraduate Professor	2004
UNFV	Tenure Professor in the Master's Program in Systems Engineering	1997 - 1999
Queen's University, Canada	Head of rock blasting test field	
University of Saskatchewan, Canada	Rock Mechanics for Undergraduate students	
ISSE UNI	Chapter promoter and Consultant	2014
Universidad Nacional de Cajamarca	Promoter of the Reopening of the Metallurgical Engineering Program	2011
Universidad Nacional de Cajamarca	Promoter of the Reopening of the Mining Engineering Program	2010



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Universidad Nacional de San Agustín de Arequipa.	Promoter of the Mining Engineering Program	1995
FIGMM – UNI	Creator of the Rock Drilling and Blasting International Symposium – SIPERVOR	1990
UNI	Promoter of the creation, implementation and start of the Postgraduate Program (M. Sc.) in Mining Engineering.	1984 – 1987
UNI	Director of the Technical Mining Training Center – CFTM	2002 - 2003
FIGMM – UNI	Director of the Research Institute	2007
FIGMM – UNI	Director of the Mining Engineering Program	2007

Professional Experience (private or public sector)

Institution	Position	Years: from-to
Empresa Minera Especial Tintaya S.A.	Board of Directors Consultant - Mining Area	1988 - 1990
Representaciones Industriales S.A. (REINSA)	Rocks Blasting Division Manager	1985 - 1986
Fábrica de Mechas SA. (FAMESA)	Production Manager	1983 - 1985
Minero Perú. Mina Cerro Verde / Surface Mining	Production Superintendent	1974 - 1976
Marcona Mining Company / Surface Mining	Consultant on topics of my specialty in various mines	1967 - 1974

Research work in the last 5 years (situation: completed, published, in process)

Research work	Participation (Head of team or researcher)	Situation

Professional Association: Entity, number, year	Peruvian Engineers Association CIP No. 14097
Member of Scientific and Professional Societies	International Society of Explosives Engineers (ISEE).
	International Innovation in Mining Conference MININ 2004 (Chile).
	Association of Engineers, Geologists and Geophysicists of Alberta - Canada
	Professional Engineers Ontario.
	Society for Mining, Metallurgy and Exploration (SME)
	American Institute of Industrial Engineers (AIIE).



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	International Society of Systems Engineers (ISSEN).		
	Operations Research Society of America (ORSA).		
	Canadian Institute of Mining, Metallurgy and Petroleum (CIM)		
	Engineers Association of Manitoba - Canada		
	Technical Committee for Standardization of Explosives and Blasting Accessories. UNI- INDECOPI (2003 - present).		
Awards and Acknowledgments	Doctor Honoris Causa, Cajamarca National University, Peru. November 16, 2012		
	Key of the City of Yanachanca, Cerro de Pasco. November 11, 2001.		
	Grant from the Canadian government to study a PhD in Mining Engineering. Saskatoon, Saskatchewan, Canada, 1978.		
	"Queen's Graduate Award 1976 – 1977". From the School of Graduate Studies and Research Queen's University. Kingston, Ontario – Canada, 1976.		
Certifications			
Speaker or panelist at Conferences	Topic	Conference or Event Organizer / Place	Year
	"AMMONIUM NITRATE IN MINE WATER." Paper presented on the 25 th Conference on Explosives and Blasting Technique	Nashville, Tennessee USA	1999
	"THE IMPACT OF STOCHASTIC VARIABLES ON THE ROCK BLASTING RESULTS." Presented on the 20 th Explosives and Blasting Research symposium	Orlando, Florida USA	1996
	"ROCK BLASTING ENVIRONMENTAL IMPACTS." Presented on the 21 st annual Conference on Explosives and Blasting Technique - ISEE	Nashville, Tennessee – USA	1995
	The Comminution Theory Applied to Rock Blasting." Presented on the 20 th . Annual Conference on Explosives and Blasting Technique organized by the ISEE.	Austin, Texas	1994
	"Environmental Engineering Applied to the Mining Industry."	La Paz, Bolivia	1993
	"Instrumental Control during Rock Blasting." Presented at the 9 th Mining Symposium.	Universidad de Huancayo. Mining College	1993
	"Use of a Computerized Mathematical Model to Optimize Rock Blasting."	UNI-FIGMM	2000
	"Mathematical Comminution Model	UNI-FIGMM	2000



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	Applied to Rock Blasting.”				
	"Technical, Economic and Ecological Impact of the Use of Heavy Emulsions and ANFOS in Rock Blasting."	1 st Drilling and Rocks Blasting Symposium	1990		
	“Tandem Dragline Operations.”	Calgary, Alberta – Canada	1982		
	“Hot Holes.”	ISEE Denver USA	2009		
Publications (books, journals, essays not-included in the previous section)	Title	Journal / publishing house	Year		
	Operations Research		1994		
	Introduction to Explosives Technology		1992		
	Mathematical modeling of rock blasting		1993		
	Controlled blasting		2001		
	Application of rock blasting called cushion Blasting to a high-risk case study		2006		
	Unitary mining operations of drilling and rock blasting		1996		
	Minimization of costs in unitary mining operations of drilling and rock blasting applying the theory of comminution.		2011		
	“Comminution Theory”, Vol. I, II, III, IV Y V.		2010		
	“Hot Holes”		2009		
	“Attack of Nonels by Acid Water”		2007		
	Mining Planning		2011		
	Rock Mechanics		2012		
	Commercial Explosive Mixtures	ANBO	1976		
Attendance to: Courses, conferences, seminars, workshops, symposiums and congresses	Event	Organizer - place	Year		
	Since its creation, I actively participate as a main consultant and panelist in the SIPERVOR.	FIGMM- I. MINAS			
Other activities of technical support, social work, etc.					
Languages. A: advance I: Intermediate B: Basic	English	A	X	I	B
		A		I	B

Subjects you are/were in charge of in the last three years at UNI (indicated if it is from another program)

MI 985 - Rock Blasting
MA 681 - Introduction to operations research.
AD 858 - Thesis 2



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From your total weekly work, indicate the % of time dedicated to the UNI:

UNI (in %)					Another institution (%)	Total
Teaching	Tutoring-Assessing	Research	College Administration	Main Administration		
						100%

Note: Teaching includes preparing and giving classes, and correcting evaluations.

Administration includes laboratories.

Send to: acreditacionfigmm@uni.edu.pe – Quality and Accreditation Office - FIGMM