UNIVERSITÀ DEGLI STUDI DI MILANO

TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO **ID CODE 4915**

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Scienze Agrarie e Ambientali – Produzione, Territorio, Agroenergia**

Scientist- in – charge: Prof. Claudio Gandolfi

Maximiliano Jose Rodriguez Moreno

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Rodriguez Moreno
Name	Maximiliano Jose
Date of birth	[04, 12, 1986]

PRESENT OCCUPATION

Appointment	Structure
Postgraduate research assistant	

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Hydrology-Environment	The University of Chile	2013
Specialization			
PhD	Geochemistry - Paleoceanography	The University of Hong Kong	2021
Master	Water resources	The University of Chile	2013
Degree of medical specialization			
Degree of European specialization			
Other			

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
19/04/2020	Geochemical Society	Washington, D.C.

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FOREIGN LANGUAGES

Languages	level of knowledge
Spanish	Mother tongue
English	Advanced

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2016	Postgraduate Scholarship

TRAINING OR RESEARCH ACTIVITY

description of activity
Certificate in Teaching and Learning in Higher Education, Centre for the Enhancement of Teaching and Learning, University of Hong Kong (1st Semester, 2016/2017).
Workshop of hydrologic modeling using WEAP, in Center of Climate Change, UC (October 2010).
Workshop of winter techniques, in the Mountaineering club of University of Chile (July-August 2010).
Course of avalanche rescues using ARVAS (Avalanche beacon) at University of Chile (Winter 2011-2012).

PROJECT ACTIVITY

Year	Project
2021	Resolving microbial carbon and plastic processing in mangroves to improve use of ecosystem services and conservation strategies
2014-2016	Civil Engineer in snow modelling projects and discharge forecast in Chilean catchments for Anglo American and CDEC-SIC
2013-2014	Mass Balance and modeling of glaciers in North and Central Chile
2013	Mass Balance and modeling of glaciers in Central Chile
2010	Engineer Assistant in potable water projects

PATENTS

Patent

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CONGRESSES AND SEMINARS

Date	Title	Place
21/06/2020-26/06/2020	Trace-elements in shallow marine ostracods and their calibration with environmental parameters	Goldschmidt 2020, Online
07/04/2019-12/04/2019	Trace element distribution in marine shells of ostracods	EGU 2019 General Assembly, Vienna, Austria
10/10/2018-12/10/2018	Development of a modern calibration between the chemical composition of marine shells and environmental parameters in coastal marine waters	ICAMG-9 International conference on Asian Marine Geology, Tongji, China
07/07/2018-08/07/2018	Marine shell chemistry of ostracods to understand past ocean conditions	Gordon Research Conference on Ocean Biogeochemistry, Hong Kong SAR, China
19/03/2018-23/03/2018	Ostracod shell chemistry as a tool to understand our past marine environment	UCAS University Consortium on Aquatic Science, Xiamen, China
23/10/2013-25/10/2013	Análisis de la contribución glaciar a ríos de los Andes de Chile Central mediante el uso de trazadores	XXI Chilean congress of Hydraulic engineering, Concepción, Chile
22/09/2013-27/09/2013	Estimating glacier and snowmelt contributions to stream flow in a Central Andes catchment in Chile using natural tracers	Applied Isotope Geochemistry Conference (AIG-10), Budapest, Hungría
21/04/2013-25/04/2013	Estimating glacier and snowmelt contribution to streamflow in a Central Andes catchment in Chile using natural tracers	IAI CRN 2047B, Uspallata, Argentina
05/12/2011-09/12/2011	Defining sources and evolution of discharge in Central Andean snowmelt-dominated watersheds	American Geophysical Union, San Francisco, United States of America

PUBLICATIONS

Books
Rodriguez, M., Doherty, J.M., Man, Hilary, Wang, R., Xiao W., Zhou, B., Thibodeau, B., and Not, C. Intra-valve elemental distributions in Arctic marine ostracods: Implications for Mg/Ca and Sr/Ca paleothermometry. Geochemistry, Geophysics, Geosystems, 22, e2020GC009379. https://doi.org/10.1029/2020GC009379, 2020.
Rodriguez, M., Ohlanders, N., Pellicciotti, F., Williams, M. W., and McPhee, J. Estimating runoff from a glacierized catchment using natural tracers in the semi-arid Andes cordillera, Hydrological processes, 30(20), 3609-3626, 2016.
Ohlanders, N., Rodriguez, M. and McPhee, J. Stable water isotope variation in a Central Andean watershed dominated by glacier and snowmelt, Hydrol. Earth Syst. Sci., 17(1), 1035-1050, doi:10.5194/hess-17-1035-2013, 2013.

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Articles in reviews
Rodriguez, M. and Not, C. Calibration of Mg / Ca and Sr / Ca in coastal marine ostracods as proxy of temperature, Accepted, Biogeosciences Discuss. [preprint], https://doi.org/10.5194/bg-2020-343, 2020.
Rodriguez, M., De Baere, B., François, R., Yasuhara, M. and Not, C. An evaluation of cleaning methods, preservation and specimen stages on trace-elements in modern shallow marine ostracod shells of *Sinocytheridea impressa* and their implications as paleo-proxies, in review, Chemical Geology.

Congress proceedings
[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Hong Kong, 03/03/2021

SIGNATURE

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