

Name:	Walter Hurtares-Orrala		
Academic Rank:	Non-Tenure Track Lecturer	FT	PT

EDUCATION			
Degree	Discipline	Institution	Graduating year
Master (MSc)	Project of Structures	Universidad Federal de Rio de Janeiro (UFRJ) – Brasil.	2017
Bachelor (BSc)	Civil Engineering	Escuela Superior Politecnica del Litoral (ESPOL)	2011

ACADEMIC EXPERIENCE		
Institution	Location	Date Range
Escuela Superior Politecnica del Litoral. - Assistant. Discipline Assistant: topography., (Oct 2009 – Feb 2010). Substitute teacher of the discipline: topography. (May 2012 – Sept 2012). Assistant Professor: building materials, strength of materials, structural analysis. (May 2018)	Guayaquil, Ecuador	2018-Present

NON-ACADEMIC EXPERIENCE		
(Consulting, Industry, etc.)	Location	Date
Federal University of Rio de Janeiro - desktop Technical University (ETU) - project coordination: Intern scholarship master's degree from UFRJ. Development and support of academic projects related to the master plan of the UFRJ, in the environmental area and evaluation of real estate at the University. July 2016 – July 2017.	Brazil	2016 - 2017
Federal University of Rio de Janeiro - desktop Technical University (ETU) - project coordination: Intern scholarship of the UFRJ. <i>Análise de projetos de estruturas.</i> Sept 2014 – Apr 2016.	Brazil	2014-2016
Alberto Gordillo constructions: Resident's work. Execution of concrete structures, and Assembly of wooden structures. Aqueduct piping and sanitary homes. Architectural finish do accompaniment. Personnel management. Measurement and calculation of amounts of work, assembling tax returns. Jun 2013 – Aug 2013	Guayaquil, Ecuador	2013
JVP Consultores S.A.: Audit das executed works pela concessionaire water and sanitation of the city of Guayaquil, INTERAGUA S.A, and by the municipal company of the city of Guayaquil, EMAPAG. Review of plans and invoices generated by INTERAGUA e EMAPAG.	Guayaquil, Ecuador	2011 - 2013

Daily accompanying works, and the quality of the materials and the construction process. Statistical analysis of the investment in the projects. Weekly issue of reports. July 2011 – May 2013		
Construfacil S.A.: Engineer of construction. Topographic survey, mapping and layout of buildings, excavations, and fills. Construction of concrete structures, and Assembly of metal structures. Electrical, sanitary facilities and drinking water. Construction of swimming pools, cisterns. Accompaniment of the architectural finish. Personnel management. Project structures.	Guayaquil, Ecuador	2010 - 2011

PUBLICATIONS AND PRESENTATIONS FROM THE PAST FIVE YEARS

- Transfer matrix of forces and displacements for sections intermediaries of elements of bar. Magazine: Engenharia Estudo e Pesquisa da Associação Brasileira de Pontes e Estruturas, Volume 14 Nº 2, Brazil. Link: http://www.revistaeep.com/imagens/volume14_02/cap05.pdf. ISSN 2316 - 591-X
- Comparison of results in seismic analysis - methods: equivalent horizontal forces, response spectrum and history in the time. Magazine: Engenharia Estudo e Pesquisa da Associação Brasileira de Pontes e Estruturas, Volume 16 Nº 2, Brazil. Link: http://www.revistaeep.com/imagens/volume16_02/cap04.pdf. ISSN 2316 - 591-X
- Evaluation of procedures non-linear static with progressive side loading - analysis Pushover. Magazine: Engenharia Estudo e Pesquisa da Associação Brasileira de Pontes e Estruturas, Volume 17 No. 2, Brazil. Link: http://www.revistaeep.com/imagens/volume17_02/cap04.pdf. ISSN 2316 - 591 X
- Comparison of results in seismic analysis - methods: equivalent horizontal forces, response spectrum and history in the tempo. IX Congresso Brasileiro de Pontes e Estruturas, Rio de Janeiro, 2016. Link: <http://abpe.org.br/trabalhos2016/13.pdf>. ISBN 978-85-63465-03-0
- Comparative study of some seismic codes for building design regarding criteria for non-linear methods of analysis. 16th European Conference on Earthquake Engineering. Link: https://www.researchgate.net/publication/326020498_COMPARATIVE_STUDY_OF_SOME_SEISMIC_CODES_FOR_BUILDING_DESIGN_REGARDING_CRITERIA_FOR_NON-LINEAR_METHODS_OF_ANALYSIS.

MOST RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

- [2014] Presença na Semana da Engenharia Civil 2014. Institution: Universidad Federal de Río de Janeiro, Brasil. Period: 11/aug/2014 a 15/aug/2014. Work load: 5 hours.
- [2014] Curso: Modelagem e Análise MÓDULO I. Institution: ESTCON Tecnologia, Brasil. Period: 14/jul/2014 a 15/jul/2014. Work load: 16hours.
- [2013] Curso: Cálculo de Elementos Estructurales. Institution: Servicio ecuatoriano de capacitación profesional (SECAP), Ecuador. Period: 08/jun/2013 a 30/jun/2013. Work load: 60 hours.
- [2013] Curso: Dibujo Arquitectónico y Estructural. Institution: Servicio ecuatoriano de capacitación profesional (SECAP), Ecuador. Period: 06/apr/2013 a 28/apr/2013. Work load: 60 hours.
- [2011] Practical seminar: Analysis of unit prices, valued schedule, polynomial formula and readjustment of prices and advance form of works. Institution: Colegio de Ingenieros Civiles Del Guayas (CICG), Ecuador. Period: 03/oct/2011 a 14/oct/2011. Work load: 40 hours.