

Name:	ARIAS HIDALGO MIJAIL EDUARDO		
Academic Rank:	TIEMPO COMPLETO	FT X	PT
Professional Registration ID:			

EDUCATION			
Degree	Field	Institution	Graduation year
DOCTOR Ph.D	DOCTOR	UNIVERSIDAD TECNICA DE DELFT	2012
MAGISTER	MASTER OF SCIENCE IN SPECIALIZATION: HYDROINFORMATICS	INSTITUTE FOR WATER EDUCATION UNESCO-IHE	2008
TERCER NIVEL	INGENIERO CIVIL	ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL	2002

ACADEMIC EXPERIENCE		
Institution	Location	Date Range
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	03/98 - 04/99
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/13 - 12/13
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	12/14 - 12/14
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/15 - 02/16
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	09/15 - 09/15
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	01/16 - 02/16
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	02/16 - 02/16
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	02/16 - 12/17
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	04/16 - 04/16
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	03/17 - 03/17
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	05/17 - 05/17
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	01/18 - 02/18
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	02/18 - 02/18
ESCUELA SUPERIOR POLITECNICA DEL LITORAL	ECUADOR	08/18 - 08/18

NON-ACADEMIC EXPERIENCE		
(Consulting, Industry, etc.)	Location	Date
CONCEGUA - CONORTE S.A. - CONCESIONES VIALES DEL GUAYAS	ECUADOR	07/00 - 07/01
NOVACERO - ACEROPAXI S.A. - PROYECTOS - CUBIERTAS	ECUADOR	07/01 - 09/02
CONSULNAC, GEOTECNIA Y MATERIALES, CIA. LTDA. - PROYECTOS VIALES	ECUADOR	10/02 - 03/05
ENERMAX S.A. - PROYECTO HIDROELÉCTRICO CALOPE	ECUADOR	03/05 - 09/06
DELTARES INSTITUTE - STRATEGIC RESEARCH AND DEVELOPMENT	PAÍSES BAJOS	09/07 - 05/09
SECRETARÍA NACIONAL DE GESTIÓN DE RIESGOS - SUBSECRETARÍA TÉCNICA	ECUADOR	01/13 - 05/13
INSTITUTO OCEANOGRÁFICO DE LA ARMADA - DILREM - PROYECTO MARGE	ECUADOR	11/14 - 12/14
INSTITUTO OCEANOGRÁFICO DE LA ARMADA - LÍMITES Y RECURSOS ESTRATÉGICOS MARÍTIMOS (DILREM)	ECUADOR	10/15 - 12/15
EFFICÁCITAS CÍA LTDA. - INGENIERÍA	ECUADOR	03/16 - 04/16
EFFICÁCITAS CÍA LTDA. - INGENIERÍA	ECUADOR	12/17 - 03/18

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS
<ul style="list-style-type: none"> • COLEGIO DE INGENIEROS CIVILES DEL GUAYAS (09-4472), ECUADOR • SENESCYT (INVESTIGADOR AGREGADO 2, REG-INV-15-00965), ECUADOR

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- INTERNATIONAL ASSOC FOR HYDRO-ENVIRONM ENG & RESEARCH (IAHR) desde
- AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) desde
- INTERNATIONAL ASSOCIATION OF HYDROLOGICAL SCIENCES (IAHS) desde
- AMERICAN GEOPHYSICAL UNION (AGU) desde
- EUROPEAN GEOSCIENCES UNION (EGU) desde

HONORS AND AWARDS

- MEJOR PROFESOR AREA DE GESTIÓN 2016-2017, ESPOL, 2017
- DISTINCIÓN DOCENTE DE ESPOL-FICT 2015, ESPOL, 2015
- CUM LAUDE (MSC THESIS), UNESCO-IHE, INSTITUTE FOR WATER EDUCATION, 2008
- BECA NUFFIC DEL GOBIERNO HOLANDÉS PARA POSTGRADO, NETHERLANDS FELLOWSHIP PROGRAMME, 2006

SERVICE ACTIVITIES (WITHIN AND OUTSIDE OF THE INSTITUTION)

- INSTRUCTOR CICLO BASICO DE FORMACION DOCENTE, CISE, ESPOL, 2014 -

PUBLICATIONS AND PRESENTATIONS FROM THE PAST FIVE YEARS

Publications (5 more relevant)

- ARIAS HIDALGO, 2021, NUMERICAL FLOW CHARACTERIZATION AROUND A TYPE 209 SUBMARINE USING OPENFOAM†, FLUIDS, 2311-5521
- ARIAS HIDALGO, 2020, ACCREDITATION PROCESS AS A WAY TO PROMOTE CONTINUOUS IMPROVEMENTS IN CIVIL ENGINEERING PROGRAMS AT PUBLIC INSTITUTIONS: ESPOL CASE-ECUADOR, ICERI2020 PROCEEDINGS,
- ARIAS HIDALGO, 2020, I.BORBOR-CORDOVA, M.J.; GER, G.; VALDIVIEZO-AJILA, A.A.; ARIAS-HIDALGO, M.; MATAMOROS, D.; NOLIVOS, I.; MENOSCAL-ALDAS, G.; VALLE, F.; PEZZOLI, A.; CORNEJO-RODRIGUEZ, M.D.P. AN OPERATIONAL FRAMEWORK FOR URBAN VULNERABILITY TO FLOODS IN THE, SUSTAINABILITY, 20711050
- ARIAS HIDALGO, 2020, DRAFT SUBMITTED: NUMERICAL FLOW CHARACTERIZATION AROUND A TYPE 209 SUBMARINE USING OPENFOAM, FLUIDS OPEN ACCESS, 2311-5521
- ARIAS HIDALGO, 2019, DETERMINING ABIOTIC FACTORS RESPONSIBLE FOR AFFECTING THE ECOLOGICAL QUALITY OF RIVERS IN AN ARTISANAL GOLD- MINE AREA A. CASE STUDY IN PONCE ENRIQUEZ (ECUADOR), WATER, 2073-4441

Conference Papers (5 more relevant)

- ARIAS HIDALGO, 2020, NUMERICAL FLOW CHARACTERIZATION AROUND A TYPE 209 SUBMARINE USING OPENFOAM, , 15TH OPENFOAM WORKSHOP - VIRTUAL
- ARIAS HIDALGO, 2019, AN OPERATIONAL FRAMEWORK FOR URBAN VULNERABILITY TO FLOODS ON THE GUAYAS ESTUARY COAST: THE DURAN CASE STUDY, , IWA-IDB INNOVATION CONFERENCE ON SUSTAINABLE USE OF WATER: CITIES, INDUSTRY AND AGRICULTURE - GUAYAQUIL
- ARIAS HIDALGO, 2019, CLIMATE RESILIENCE IN A COASTAL CITY IN ECUADOR: LINKING DISASTER RISK REDUCTION AND URBAN HEALTH IN DURAN, , 11TH CONFERENCE ON ENVIRONMENT AND HEALTH - AMERICAN METEOROLOGIAL ASOCIATION ANNUAL MEETING - BOSTON, USA
- ARIAS HIDALGO, 2019, HYDRODYNAMIC ANALYSIS OF A STORMWATER SYSTEM, UNDER DATA SCARCITY, FOR DECISION-MAKING PROCESS: THE DURAN CASE STUDY (ECUADOR), , IWA-IDB CONFERENCE ON SUSTAINABLE USE OF WATER: CITIES, INDUSTRY AND AGRICULTURE - GUAYAQUIL
- ARIAS HIDALGO, 2018, SUSTAINABLE AND INNOVATIVE TECHNIQUES FOR HEAVY METAL REDUCTION IN ECUADORIAN MINING AREAS, , WASH INTERNATIONAL SYMPOSIUM 2018 - COLORADO - USA

RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

- 2021, CURSO TUTORIAL PARA DOCENTES: LÍDER DE CANVAS, ECUADOR
- 2019, CULVERT HYDRAULIC ANALYSIS AND DESIGN PROGRAM (HY-8) WEB-BASED, ESTADOS UNIDOS
- 2019, MODELAMIENTO HIDROLÓGICO CON SWAT+ Y QGIS, PERU
- 2019, USO DEL MODELO DELFT 3D FLEXIBLE MESH, ECUADOR
- 2018, ADVANCED SWAT - CUP WORKSHOP, BELGICA