



Lucas Hernán De Oto

Geographer – MSc in Geo-information Science

GIS & Remote Sensing Specialist

Personal Information	<p>Name: Lucas Hernán DE OTO Address: Geulstraat 124 Zip Code: 7523 TW – Enschede – The Netherlands Mobile: + 31 06 38 61 90 06 Email: lucas.deoto@gmail.com Nationality: Italian Date of birth: 28/01/1976</p> <p>EU Citizen Dutch Level: B2 Linkedin: https://www.linkedin.com/in/lucas-de-oto-71066325/</p>
Experience in Consultancy	<p>December 2013 – August 2014 Ministerio de Planificación Federal, Inversión Pública y Servicios (Ministry of National Planning, Public Investment and Services) Geography and GIS Consultant</p> <p><i>Under-secretary for Spatial Planning of Public Investment – Development Bank of Latin America (CAF) Loan 7353: Intercity connectivity indicators study: Design and construction of spatial database in PostgreSQL for integrated management of geographic information on public transport services produced by different government agencies and departments. Design and construction of digital cartography for the study.</i></p> <p>August 2012 – August 2013 Ministerio de Turismo de la Nación (Ministry of Tourism) Geography and GIS Consultant</p> <p><i>Under-secretary for Tourism Development – Improvement of the Competitiveness of Tourism – Inter-American Development Bank (IDB) Loan 1648/OC-AR: Consulting service for development of SIET (Tourism Statistics and Information System). Content development for GIS section. Development of a georeferenced catalogue of natural geographical features of the country.</i></p> <p>February 2012 – September 2015 Instituto Nacional de Estadística y Censos (National Institute of Statistics and Censuses) Geography and GIS Consultant</p> <p><i>Technical Direction – GIS Department: Development and implementation of Web GIS applications. Consultant for Interagency projects: BAHRA (Human Settlements Database of Argentina), BANGOL (Local Governments Database of Argentina), IDERA (Spatial Data Infrastructure of Argentina)</i></p> <p><i>Online applications developed in the last 3 years by the GIS department:</i></p> <p>Opex: https://opex.indec.gov.ar/index.php?pagina=mapa_dinamico Geocenso: http://www.siq.indec.gov.ar/censo2010/ CodGeo: http://geoservicios.indec.gov.ar/codgeo/index.php?pagina=mapas Visor Territorio: Información Geográfica: https://www.indec.gob.ar/nivel2_default.asp?id_tema=1&seccion=T BAHRA: http://www.bahra.gob.ar/</p>

	<p>January 2011 – September 2015 Instituto Geográfico Nacional (National Geographic Institute) Consultant Geographer</p> <p><i>General Direction of Geographic Services. Consulting, management, coordination and administration of geographic data and information. Procedures standardization. Special GIS projects assistance. Geography advisor to the Project ANIDA (National Interactive Atlas of Argentina). Coordinator for the official magazine of the institute. Representative of IGN at IDERA, Fundamentals and Basic Data work group.</i></p>
Experience in Consultancy	<p>August 2011 – December 2011 Ministerio de Educación de la Nación (Ministry of Education) Didactic contents developer</p> <p><i>National educational program “Conectar-Igualdad”: Development of didactic contents for geography and social sciences sections on the educational website Educ.Ar</i></p> <p><i>Mapoteca Educar: http://mapoteca.educ.ar/</i></p>
	<p>March 2006 - October 2010 French Embassy of Buenos Aires – Economic Services Business consultant. Advisory service for international development of French companies. Fields: Natural resources, Energy, Oil & Gas, Power generation, Petroleum, Nuclear energy, Electricity, Renewable energy sources, Mining, Chemical & Petrochemical industries.</p> <p><i>The Economics Services offers French firms a complete range of products and services to support them in their development on foreign markets: Information, consulting and market supervision products for planning international development strategies, promotion operation to encourage partnerships with foreign companies. Articles, reports and monthly publications of topical subjects and currents affairs of each sector are regularly redacted by the consultants. Detailed reports, notes and study cases are also often published by the consultants.</i></p>
	<p>September 2004 – March 2006 Viva Latina Tours Argentina Manager for Planning and Sales Development Department</p> <p>April 2002 – August 2004 Quimbaya Tours Argentina Assistant Manager for Planning and Sales Department</p> <p><i>French Receptive Tourism Agencies for French-speaking companies. Planning and quotation of tourist itineraries, circuits, package holidays and brochures in Argentina, Paraguay and Uruguay. Advisory service for international travel agencies in France or French speaking countries.</i></p>
Experience in Teaching & Research	<p>April 2017 – Currently working Faculty of Geo-Information Science and Earth Observation (ITC) – University of Twente Lecturer/Researcher</p> <p><i>Activities:</i></p> <ul style="list-style-type: none"> - Capacity building on Earth Observation for sustainable development (EO4SD - http://eo4sd.esa.int/). - Development, organization and delivery of training courses in Africa and Latin America in English, French and Spanish - Lecturing for Summer School, BSc Minors and different modules of the MSc course on Geo-information Science - Research topic: Food security - Index-based livestock insurance using medium resolution satellite imagery
	<p>January 2015 – Currently collaborating remotely UNIFE (Provincial Pedagogical University) Assistant Researcher for GIS, mapping and spatial analysis</p> <p><i>Project:</i></p> <ul style="list-style-type: none"> - Education, territory and society. A study on the objective and subjective dimensions of social and educational inequalities in Argentina

Experience in Teaching & Research	<p>August 2014 – September 2015 Geographic Sciences Training Center (CCCG) - National Geographic Institute Assistant Lecturer – Courses: Digital Satellite Image Processing Levels I and II</p>
	<p>January 2006 – Currently collaborating remotely CONICET (National Scientific and Technical Research Council) – Multidisciplinary Institute of History and Human Sciences – Department of Geography Adjunct Researcher (“Ad Honorem”)</p> <p><i>Projects:</i></p> <ul style="list-style-type: none"> - <i>Resource availability and preliminary territorial planning to site a Mega Radio Telescope in Argentina (International project SKA) – January 2006</i> - <i>Territorial and regional planning for Puerto Madryn and surrounding lands – March 2007</i> - <i>Territorial and regional planning for Patagonia's Central Plateau – August 2014</i> <p>*Member of GRUTUS (Sustainable Tourism Group). Group of geographers, historians and tourism graduates working on the development of sustainable tourism projects – November 2010</p>
Education	<p>March 1989 – December 1993 Instituto Jesús en el Huerto de los Olivos - Highschool</p>
	<p>March 1999 – December 2001 Universidad del Salvador (USAL) – Lecturer in Geography</p>
	<p>March 1997 – December 2002 Universidad del Salvador (USAL) – Geographer</p> <p><i>Graduation thesis: Design and planning of network structure for public transport in the province of Catamarca, Argentina</i></p> <ul style="list-style-type: none"> - <i>Graduated Cum Laude</i> - <i>Award for the Highest Grade Point Average in the Geography Bachelor's program, 2002.</i>
	<p>January 2011 – December 2011 Universidad Nacional de Lujan – Specialist in Remote Sensing and GIS applied to Environmental Analysis</p> <p>Postgraduate course. Currently waiting for turn to present final project</p>
	<p>September 2015 – March 2017 University of Twente – Faculty of Geo-Information Science and Earth Observation (ITC) Master of Science in Geo-Information Science and Earth Observation for Natural Resources Management</p> <ul style="list-style-type: none"> - <i>Awarded Excellence Scholarship of the University of Twente</i> - <i>Graduated Cum Laude</i> - <i>Thesis: https://webapps.itc.utwente.nl/librarywww/papers_2017/msc/nrm/deoto.pdf</i>
Languages	<p>Spanish – Mother tongue French – Excellent reading/writing and verbal skills – DELF C1 English – Excellent reading/writing and verbal skills – IELTS 7.5 (C1) Dutch – Good reading/comprehension skills – B2 Portuguese – Good reading/comprehension skills</p>
Courses	<p>*Digital Satellite Image Processing Levels I and II: Physical principles. Radiometric corrections. Filters. Geometric corrections. Principal components analysis. Classification – Theory & Practice – Instituto Geográfico Nacional – September 2010</p> <p>*Satellite Geodesy and GPS - Theory & Practice – Instituto Geográfico Nacional – June 2011</p> <p>Fundamentos Teóricos y Prácticos de la Teledetección Ambiental. Synthetic aperture radars: synergy with optical satellite – Postgraduate course – Theory and practice - Centro Regional de Geomática (CeReGeo) - Facultad de Ciencia y Tecnología de la UADER –Diamante, Entre Ríos – October 2011</p>

	<p>Spatial Databases – Postgres/Postgis – Online course – Programa Nacional Mapa Educativo – Ministerio de Educacion de la Nacion.– July 2012</p> <p>The spatial dimension of environmental indicators – Online course organized by the Latin American Development Bank, the Pan American Institute of Geography and History and the National Geographic Institute of Spain – June 2014</p> <p>The Sen2Agri System – User’s workshop and training session by Universite Catholique de Louvain – FAO, Rome – June 2017</p>
<p>Publications</p>	<p>*Ryser, A., De Oto, L.H. & Peltier, B. (2009). <i>La generación eléctrica en Argentina</i>. Paris: Editions Ubifrance, 58p.</p> <p>*Ryser, A., De Oto, L.H. & Mondon, M. (2009). <i>Le secteur minier en Argentine</i>. Paris: Editions Ubifrance, 49p.</p> <p>*Ryser, A., De Oto, L.H. & Benages, R. (2009). <i>Les hydrocarbures en Argentine</i>. Paris: Editions Ubifrance, 51p.</p> <p>*August 2007 – October 2010, monthly article in « <i>Lettre de l'Argentine, du Paraguay et de l'Uruguay</i> », Buenos Aires: Editions du Service Economique Régional – Ministère de l’Economie, l’Industrie et l’Emploi – Ambassade de France en Argentine. (A detailed list of the articles is available)</p> <p>* Sánchez, Darío C.; Jiménez, Laura R.; Lema, Carlos A.; De Oto, Lucas H. (2011). <i>Crecimiento turístico en la Argentina: un análisis preliminar a la luz de la información censal de 2010</i>. Buenos Aires: GAEA, Sociedad Argentina de Estudios Geográficos. En: Actas Científicas CNG 72° Semana de Geografía, p. 363-376</p> <p>* Gatti, Ignacio A. et al (2013). <i>El papel del geógrafo en el instituto geográfico nacional en la actualidad</i>. Buenos Aires: GAEA, Sociedad Argentina de Estudios Geográficos. En: Actas Congreso Internacional de Geografía - 74° Semana de Geografía, p.165-178</p> <p>* Sánchez, Darío C.; Jiménez, Laura R.; Lema, Carlos A.; De Oto, Lucas H. (2014). <i>Crecimiento demográfico y construcción de viviendas en la Argentina. Un breve análisis de la información censal 2010</i>. En Geoperspectivas – Geografía y Educación. Retrievable from: http://geoperspectivas.blogspot.com.ar/2014/07/crecimiento-demografico-y-vivienda-en.html</p> <p>* Vargas, Elisabet Cintia; De Oto, Lucas H. (2014). <i>Captura de datos y proceso de producción de cartografía en el Instituto Geográfico Nacional</i>. Buenos Aires: GAEA, Sociedad Argentina de Estudios Geográficos. En: Actas Congreso Internacional de Geografía - 75° Semana de Geografía, p.167-175</p> <p>*November 2011 – October 2014, several articles in «<i>El Ojo del Cóndor</i>», official magazine of the National Geographic Institute, Buenos Aires: Instituto Geográfico Nacional. (A detailed list of the articles is available). Digital editions: http://www.ign.gob.ar/revista/</p> <p>* Sánchez, Darío C.; Jiménez, Laura R.; De Oto, Lucas H. (2014). <i>Crecimiento turístico en Argentina. Un análisis preliminar a la luz de la información censal de 2010</i>. En: Sánchez, D. C. (dir.) <i>Hacia un modelo de desarrollo turístico regional sustentable: el crecimiento de Puerto Madryn y el vaciamiento de la meseta contigua</i>. Buenos Aires: CONICET-IMHICIHU, p. 77-92</p>
<p>Working Skills</p>	<p>Responsibility, efficiency, efficacy, punctuality, organization, excellent managing skills; excellent adaptation capacity; excellent development capacity in multicultural environments; excellent performance in teamwork; excellent ability to relate well to others and to establish good working relationships; excellent competence and understanding of numerical data, statistics and graphs.</p>
<p>Technical Skills</p>	<p>GIS (ArcGIS, QGIS, gvSIG, Kosmo), Satellite images processing (Erdas, Envi, ILWIS, SNAP), DBMS (Postgresql), Geoserver, Geonetwork, Geonode. Basic IDL, SQL, Html</p>
<p>Social/Student Life</p>	<p>November 2015 – November 2016 ITC Student Association Board (SAB) Chairman</p> <p><i>All ITC students are automatically members of the Association of ITC Students, which is represented by the Student Association Board (SAB). Students are invited to support the activities of this voluntary body, which is set up to look after their interests. The Board acts as an intermediary body between the students and the management.</i> https://www.itc.nl/pub/study/student-life/student-association-board</p>