Juan Ardila
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EDUCATION
2012   Ph.D., Geo-Information Science and Earth Observation, ITC, University of Twente, The Netherlands
2008   MSc, Geoinformatics & Earth Observation, ITC, University of Twente, The Netherlands
2004   Bachelor's degree, Cadastral engineering and Geodesy, Bogotá District University, Colombia
2013   Geospatial Data Infrastructure and data policy Workshop. ICLPST. Taiwan, China.

PROFESSIONAL EXPERIENCE
2016- Present   Scientist, Earth Innovation Institute, San Francisco, USA
2012- 2016   Manager of Information of Alternative Development Programme, UNODC, Colombia
2013- 2014   Programme officer, Remote sensing and GIS, United Nations Office on Drugs and Crime, Austria, Vienna
2011-2012   Specialist in Geoinformatics and Earth Observation, NEO, B.V. The Netherlands
2003-2006   Image analyst and GIS operator, United Nations Office on Drugs and Crime, Bogota, Colombia

PRESENTATIONS & PUBLICATIONS
2018   Stickler, C.M., A.E. Duchelle, J.P. Ardila, D.C. Nepstad, O.R. David, C. Chan, J.G. Rojas, R. Vargas, T.P. Bezerra, L. Pritchard, J. Simmonds, J.C. Durbin, G. Simonet, S. Peteru, M. Komalasari, M. DiGiano and M. Warren. 2018. The State of Jurisdictional Sustainability: Synthesis for Practitioners and Policymakers. San Francisco, USA: Earth Innovation Institute/Bogor, Indonesia: Center for International Forestry Research/Boulder, USA: Governors' Climate and Forests Task Force Secretariat.

2016   DiGiano, M., C. Stickler, D. Nepstad, J. Ardila, M. Becerra, M. Benavides, S. Bernadinus, T. Bezerra, E. Castro, M. Cendales, C. Chan, A. Davis, S. Kandel, E. Mendoza, J. Montero, M. Osorio, and J. Setiawan. 2016. Increasing REDD+ Benefits to Indigenous Peoples & Traditional Communities through a Jurisdictional Approach. San Francisco: Earth Innovation Institute.

2016   Produce Protect Platform. November 2016. Marrackech: Global Landscapes Forum.

2015   Multitemporal spatial risk index of illicit crops in Colombia. ESRI user conference. San Diego, USA.

2012   Ardila, J. P., Bijker, W., Tolpekin, V. A., and Stein, A. 2012. Context-sensitive extraction of tree crown objects in urban areas using VHR satellite images. *International Journal of Applied Earth Observation and Geoinformation*, 15: 57-69.

2012   Ardila, J. P., Bijker, W., Tolpekin, V. A., and Stein, A. 2012. Quantification of crown changes and change uncertainty of trees in an urban environment. *ISPRS Journal of Photogrammetry and Remote Sensing*, 74: 41-55.

2012   Ardila, J. P., Bijker, W., Tolpekin, V. A., and Stein, A. 2012. Multitemporal change detection of urban trees using localized region-based active contours. *Remote Sensing of Environment*, 124: 413-426.

2011   Ardila, J. P., Bijker, W., Tolpekin, V. A., and Stein, A. 2011. Markov-random-field-based super-Resolution mapping for identification of urban trees in VHR images. *ISPRS Journal of Photogrammetry and Remote Sensing*, 66(6): 762-775.

2010   Ardila, J. P., Tolpekin, V. A., and Bijker, W. 2010. Angular backscatter variation in L-band ALOS scanSAR images of tropical forest areas. *IEEE Geoscience and Remote Sensing Letters*, 7(4): 821-825.

LEADERSHIP, RECOGNITIONS, AND ADVENTURES
2018   Lead the development of web platforms to monitor progress in regions of Peru, Brazil and Indonesia. Earth Innovation Institute (GCFimpact.org and pcimonitor.org platform)
2014-2015   Lead the development and implementation of a Geospatial Data collection application to georeference and document farming areas registered in the Alternative Development Program in Colombia. http://geoapic7.unodc.org.co
2013   Travel grant from GSDI for the ICLPST training seminar in Taiwan, China
2010   Travel grant from IEEE society to present at IGARSS 2010 conference
2010   Winner of the IGARSS land cover community remote sensing competition IGARSS geo-wiki
2009   Training fellowship with EuroSDR in laser scanning and calibration of aerial cameras
2008   Best MSc Thesis award with the Faculty of Geo-Information Science and Earth Observation of the University of Twente

LANGUAGES
Spanish   Native
English   Advanced fluency
French   Intermediate
Korean   Basic