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Brief Personal Description:
I am a PhD candidate at "Centro de Investigaciones en Geografía Ambietantal" (CIGA, Universidad Nacional Autónoma de México), where I am currently researching and developing, as part of an interdisciplinary research team, models of land use/cover change as the primary indicator of social-environment interactions and observing their impacts at the forest-cover level. Additionally I have been focused on implementing and developing ecological-niche models, using the DINAMICA EGO platform in order to assess the impact of deforestation in the potential distribution of species. During my academic experience I have contributed in several aspects, such as: monitoring and assessing the deforestation process in México, generating socioeconomic data bases to assess the process of deforestation at local and regional level and finally improving spatial assessment tools for the analysis of deforestation process. My background is in Biology with a Master degree in Geography with emphasis in the integrated landscape management approach.

Educational Qualifications:
B.Sc. in Biology, Master in Geography, PhD in Geography with emphasis in socio-environmental systems (in progress).

Research Experience:

2013 - 2014	Centro de Investigación en Gestión de Riesgos y Cambio Climático, Universidad de las Ciencias y Artes de Chiapas. Research adviser. Project: Updating State Climate Change Program for Chiapas, (OT-011-13).
2011 - 2013	Centro de Investigaciones en Geografía Ambiental, UNAM. GIS -Technical support. Project: Development and implementation of prospective land use/cover change models in Mexico, (IN113511-PAPIIT).
2009	Centro de Investigaciones en Geografía Ambiental, UNAM. Master Thesis: From remote sensing to social perception: deforestation and conservation (1971-2000) in the Biosphere Reserve Sierra de Manantlán.

Teaching Experience:

2013	Faculty of Science, UNAM. Graduate level course: Modeling environmental processes with DINAMICA EGO program. (http://www.educontinua.fciencias.unam.mx/SiteNuevo/Cursos/ProcesosAmbientalesEGO/MasInfo.php)
2011-2012	Centro de Investigaciones en Geografía Ambiental, UNAM. Graduate level course: Modeling potential distribution with Maxent and DINAMICA EGO.
2009	Centro de Investigaciones en Geografía Ambiental, UNAM. Graduate level course Introduction to local spatial knowledge: concepts principles and applications (Participatory GIS).

Significant Publications:

M. Farfán et al., 2012. Interpolating socioeconomic data for the analysis of deforestation: A comparison of methods, Journal of Geographic Information System.
http://www.scirp.org/Journal/PaperInformation.aspx?paperID=22155#.U8Vt3kCTETQ

Mas, J.F., Soares Filho, B., Pontius Jr., R.G., **Farfán, M**., Rodrigues, H., 2013. A suite of tools for ROC analysis of spatial models. Int. J. Geo-inf. 2 (3), 869-887. http://www.mdpi.com/2220-9964/2/3/869.

Escalante T., **Farfán M**., Rodríguez G y Robayo A. Cambio de Uso de suelo: afectaciones y tendencias en Zacatecas, La Biodiversidad en Zacatecas: Estudio de Estado. (CONABIO http://www.conabio.gob.mx/). In process of publication.