resume\_99@gmail.com  
102-466-9966  
Sebastian Castro  
Enosburg Falls VT - Email me on Indeed: indeed.com/r/Sebastian-Castro/bccf7477d82a5cbd  
Willing to relocate  
Authorized to work in the US for any employer  
WORK EXPERIENCE  
Project consultant  
- 2013 to Present  
Design of the Monitoring and Evaluation

M  
phase in the ejoramiento de la Seguridad Alimentaria de Productores y Productoras de Caf. This project was coordinated eՁ with Food4Farmers and SOPPEXCA R.L. in Nicaragua.  
Consultant  
EcoAgriculture Partners - 2015 to 2015  
Six month position with EcoAgriculture Partners  
developing a biodiversity impact assessment of the CAMBio project   
carried out by the anco Centroamericano de Integraci  
BoՁ n  
oՁ  
m(  
Econ ica BCIE). Tasks in this position included field work data gathering field data and GIS analysis and final report writing.  
GIS Specialist  
Government of Liberia - 2015 to 2015  
Six month position at Tetra Tech ARD. Tasks  
carried out in this position included contributing to the GIS analysis of a climate change mitigation and forest conservation strategic  
assessment prepared for the Government of Liberia codeveloping an automated registration eform using the iFormBuilder platform and developing professional cartography for numerous reports  
technical brochures and international development project  
proposals.  
Project consultant  
Mitigation and Smallholder Livelihoods in Coffee Landscapes - 2014 to 2014  
I wrote a literature review titled limate Change  
Mitigation and Smallholder Livelihoods in Coffee Landscapes:

Synergies and Tradeoffs. This desk review was led by Dr. V. Ernesto Mendez and Dr. Peter Laderach CIAT Colombia.  
   
Project consultant  
Climate Community and Biodiversity Alliance Standards - 2014 to 2014  
Technical review of the application documents  
put together by a rubber plantation in Colombia to comply with the Climate Community and Biodiversity Alliance Standards 2do edition. This audit was led by Environmental Services Inc.  
Research assistant  
- 2013 to 2013  
erennial Grass Biomass for biofuel

r  
production esearch project with Dr. Sidney C. Bosworth   
Extension Associate Professor Plant and Soil Science Department University of Vermont.  
Research assistant  
- 2013 to 2013  
evisiting the Thin Months  
R  
study. Data  
collection in Mexico data processing analysis and writing for final  
CoPrincipal Investigator  
ARLG and International Center for Tropical Agriculture (CIAT) - 2012 to 2013  
ustainable management of ycena

citricolor  
iՁ a in Coffee. This project was done with Mar del  
Milagro Granados MSc. phytopathologist at the Crop Protection Department University of Costa Rica.  
ARLG and International Center for Tropical Agriculture (CIAT) - 2007 to 2013  
of 150 smallholder coffee  
households in Mexico Nicaragua and Guatemala to assess livelihood changes (with a focus on food security). Joint project ARLG and International Center for Tropical Agriculture (CIAT)  
CoPrincipal Investigator  
ARLG and International Center for Tropical Agriculture (CIAT) - 2011 to 2012  
ustainable nutrient management in   
p  
coffee farms under the risk of climate change roject. Funding for this project was provided by the Arthur Riggs Emerging Scientist  
R  
fellowship and coordinated by Earthwatch and CoopeTarraz .L.  
uՁ  
Science Coordinator and field scientist  
Earthwatch Institute - 2007 to 2012  
Costa Rica. My work included coordinating workshops which provided results from our science program including our research on agroforestry practice soil fertility improvement and wild habitat  
management for biodiversity conservation.  
CoPrincipal Investigator  
ARLG and International Center for Tropical Agriculture (CIAT) - 2007 to 2011  
Management in Tarraz uՁ r  
 Costa Rica esearch project. This project was funded by Starbucks Coffee Company.  
2006 V  
Participating alumni: egetation Mapping and wood resource

p  
use in Rufu Forest Tanzania roject. This research project was

organized by ITC as a requisite for graduating in the Professional Masters program.  
Teaching Experience  
Director  
Geospatial Lab - 2006 to 2007  
eՁ  
Instituto del Caf e Costa  
d  
Rica  
 San Jos eՁ  
 Costa Rica. I coordinated the application of geospatial technologies for field research in the seven coffee growing regions of Costa Rica.  
Project Manager  
Verde Urbano - 2004 to 2005  
S.A. a consulting company  
specialized in spatial planning and geoinformation technologies  
applications for agriculture and natural resource management and urban development. Costa Rica.  
Technical Advisor  
- 2003 to 2004  
PURDIVE Forestal native tree species  
nursery for high end landscaping projects. Guanacaste Costa Rica.  
Project Manager Tr ica  
- 2000 to 2004  
Tica landscaping company San Rafael de Alajuela Costa Rica.  
Student Research Assistant  
Plant Biotechnology Laboratory - 1998 to 2000  
oՁ m(  
Centro de Investigaciones Agron icas CIA) UCR.   
Research Experience  
EDUCATION  
ecology and conservation  
University in Vermont 2015  
Geographic Information Systems  
Champlain College 2015  
Teaching Assistant  
University of Vermont 2013  
limate Champions  
University of Vermont 2012  
Student Research Conference  
University of Vermont 2012  
Ph.D. in Plant and Soil Science / Agroecology. Plant and Soil  
University of Vermont 2009  
MSc. in Geography  
University of Costa 2004  
BS in Agronomy  
University of Costa Rica 1997 to 2002  
ADDITIONAL INFORMATION Expertise  
Quantitative data analysis techniques  
 Linear and non linear modeling techniques: ANOVA OLS GLM GLMM and non linear regression  
 Multivariate statistics: PCA and canonical correlations.  
 Structural equation modeling (SEM).  
-p  
 Non arametric and resampling techniques Advance general data processing  
 Database design query and maintenance Computation of biodiversity metrics  
Computer Skills  
 Microsoft Office Suit  
 Static and computational software: R (proficient) SPSS and SAS (basic) Database management software: MS Access and PostGRESQL (basic) Adobe Photoshop  
 AUTO CAD  
 MS Project Manager  
Geographical Information Systems (GIS) and Remote Sensing GIS: Arc View 3.2 ArcGIS 8 10  
 QGIS and GRASS  
 Image analysis: ENVI / ERDAS  
 Spatial applications and geostatistics with R  
 Python applications in QGIS  
 Basic web map creation (CartoDB and Google maps)  
 Mobile data collection with Fulcrumapp and iFormBuilder