THE LAND INFORMATION CENTER (LIC), DEPARTMENT OF LAND AND SURVEYS, MINISTRY OF NATURAL RESOURCES AND AGRICULTURE GRANT ATTACHMENT D

GSDI SMALL GRANTS PROGRAM REPORT TEMPLATE

Reports for 2014 GSDI Small Grants are due December 31, 2014. They should be in English and they should be sent digitally to grants@gsdi.org. The required format is in a .PDF file or in .DOC or .RTF files with 12-point Times Roman or Arial font. Reports should be between two to four pages long and they should follow the template below.

2014 GSDI Small Grant Project Final Report

Title of Project/Activity

Developing a Reliable Agriculture GIS Database for Belize through Partnership with Key Stakeholders

Focal Point Institution

Land Information Center (LIC), Department of Land and Surveys, Ministry of Natural Resources and Agriculture

Contact Person (business street address, phone/fax, email, and website)

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List of Collaborators (Contact Information)

Department of Agriculture, Central Farm – Mrs. Fay Garnett, fay.garnett@agriculture.gov.bz University of Belize – Cecy Castillo, ccastillo@ub.gov.bz Belize Livestock Producers Association – Alistair McPherson, blpa@btl.net SIRDI – Marcos Osorio, sirdi.belize@gmail.com

Summary of Deliverables as per Grant Proposal

Data collection and standardization of Agricultural data Report on data integration and development of farms data Develop a comprehensive farms geodatabase to be uploaded on the NSDI Geoportal

Itemized Use of Project's Budget (including summary of labor hours)

Date	Description		Approx. Labor Hours	
8-Jul-14	GSDI Grant funds received			
30-Jul-14	Hotel accommodation for 2 nights fo 30-31 July, 2014 in Corozal	r 4 data collectors	16 hours per person for 3 days	
16-Jul-14	Fuel for data collection in Corozal 15 GST)	gallons (without		
14-Jul-14	Fuel for data collection in Corozal 10 GST)	el for data collection in Corozal 10 gallons (without ST)		
16-Jul-14	GST on fuel for Corozal data collectio \$138.33 + \$91.89	n at 12.5% of		
15-Aug-14	Food catering for GSDI NSDI Farms Stakeholder presentation			
14-Jul-14	Hotel accommodation for 2 nights for 3 data collectors 14 - 15 July, 2014 in Corozal		16 hours per person for 3 days	
Jul-14 to Mar-15	Contribution from LIC staff (PLIO and	SLIO)	12 days each x 2 hours (48 hrs)	
Jul -14 to Aug -14	Preparation of stakeholder session and preparation of data by interns		10 days each x 8 hours (160 hrs)	
Nov-14 to Mar-15	Contributions made by Principal Planner		20 hours	
Jul-14 to Mar-15	Total Labour Hours for LSD Staff – this includes data collection from 3 staff members Jul-14 = 144 hours; other contributions from LIC staff = 48 hours; contribution from Principal Planner = 20 hours. Total = 212 hours. This does not include contributions made by Interns (352 hours)			
TOTAL	,		564 hours	

Timeline of Project

Project commenced in July 2014 and was expected to be completed in December 2014

Potential or Actual Follow-up Activities

- This project has the potential to expand to other areas or districts; there is a need to include other agricultural products such as Banana and Citrus.
- Integrate existing agriculture data available with NSDI stakeholders.
- Build on the farms geodatabase created and expand data collection.

Unanticipated obstacles you encountered

- Farms data provided by stakeholders are not appropriate for mapping, it is mostly tabular data
- Lack of adequate support from key stakeholders
- Lack of expertise in the use of GPS and field data collection

Do you think you have reached your goal?

- The goal has been partially reached; due to unforeseen circumstances the project was not fully completed.
- The farms geodatabase created has been uploaded to the NSDI geoportal (http://geoserver.bnsdi.gov.bz/data/search).

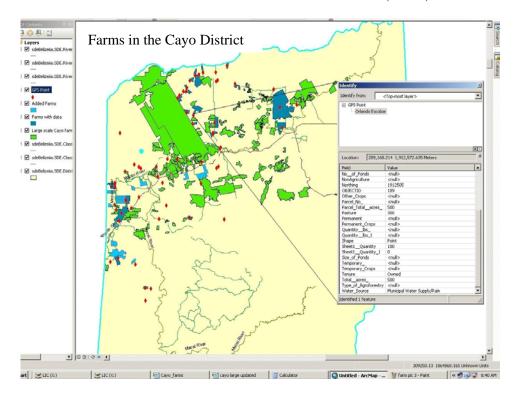
Photos, maps, graphics, or illustrations of project activities

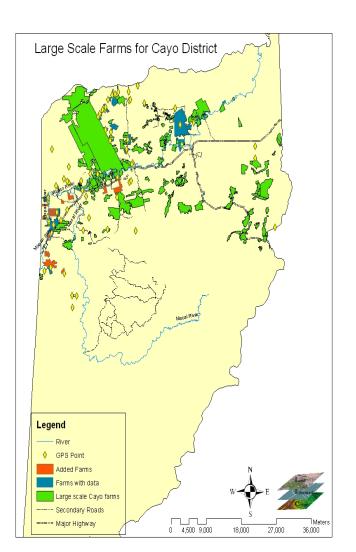
Include in the report or as attachment in .jpg format

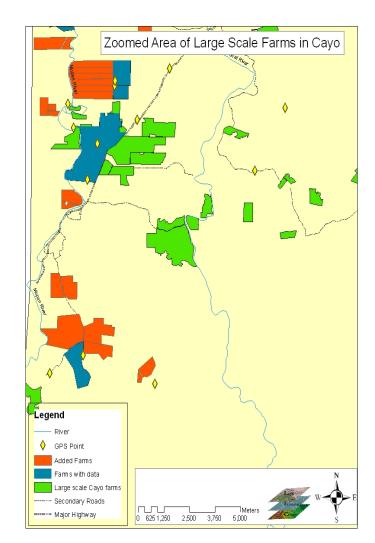
Maps and presentations are attached.

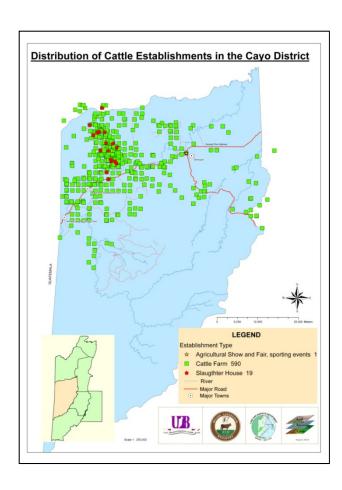
For more information about the GSDI or to subscribe to the GSDI News List, please see http://gsdi.org. For questions about this report, please contact grants@gsdi.org.

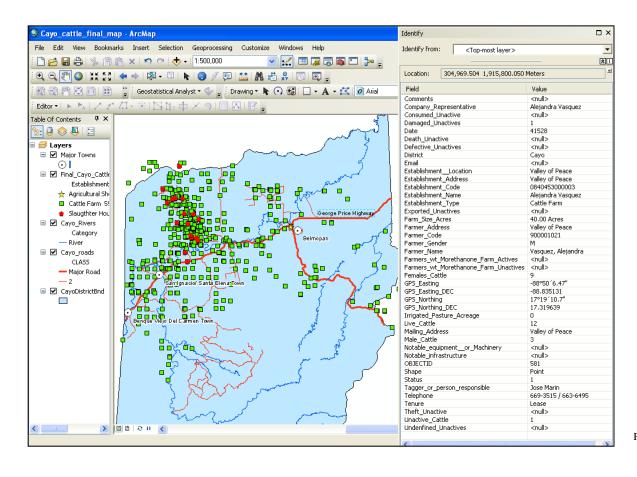
ATTACHMENTS (MAPS)





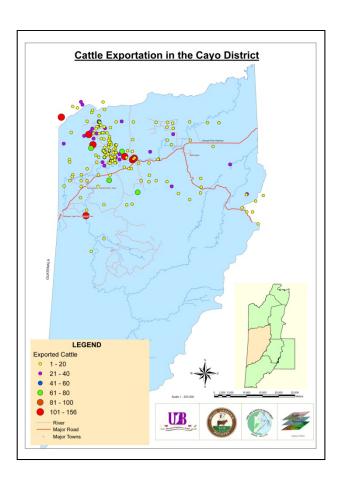


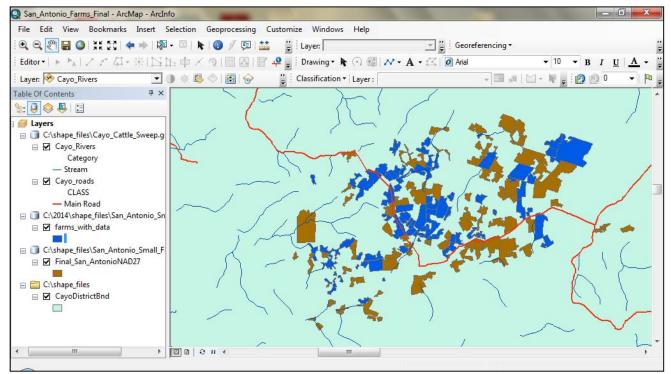




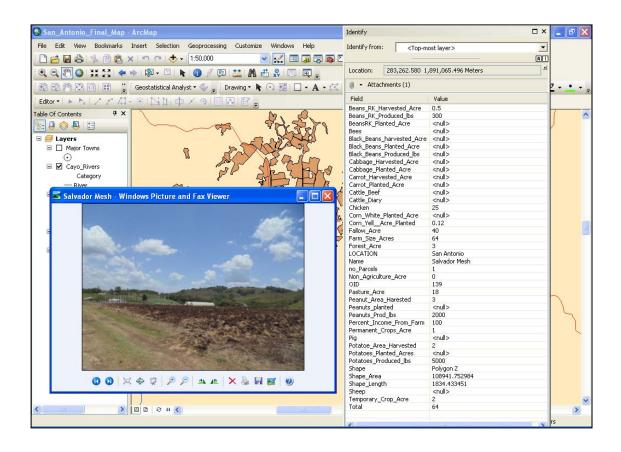
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Data placed as attributes to cattle farm points						

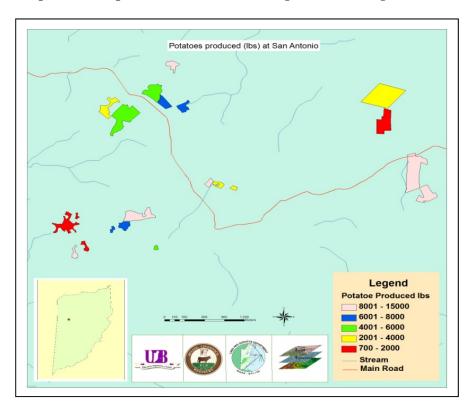


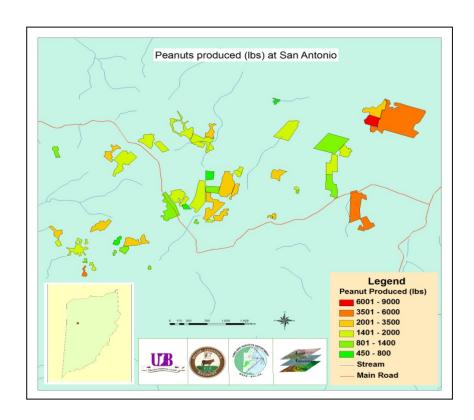


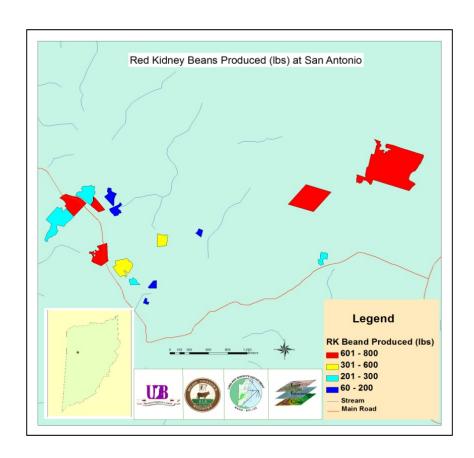
Cayo Farms with both farm and crop data

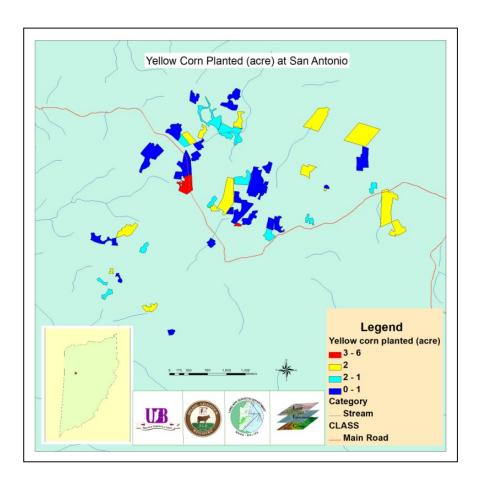


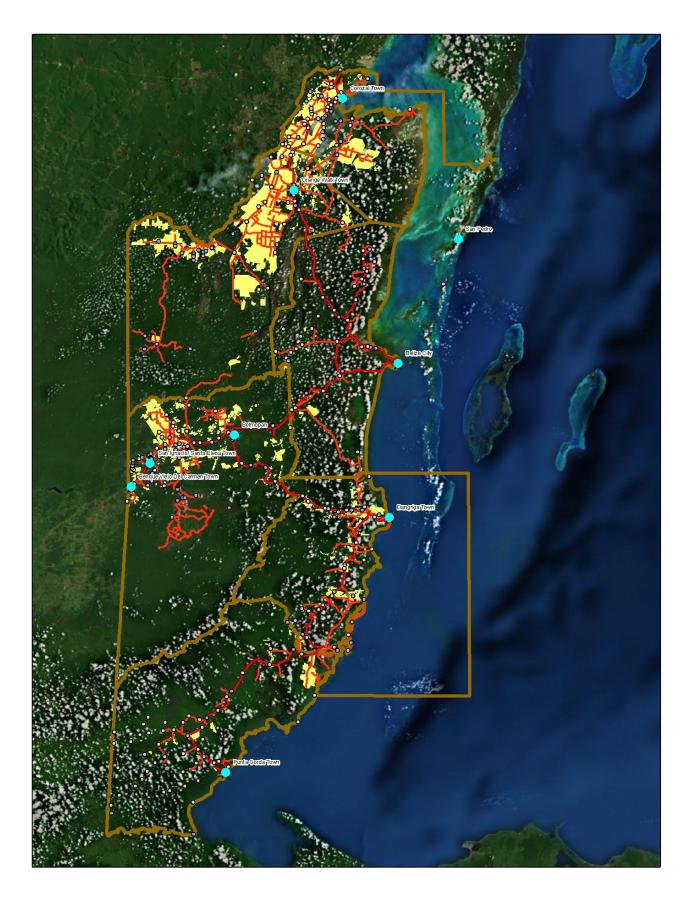
Crop, farm and pictures of farms were integrated into the geodatabase











Belize Farm Coverage