Data Management Plan

Project Name: Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss

Last Revised: 12/17/2016

Subaward or Activity, Institution and Contact Person Responsible for Data	Dataset Type	Description	Data Privacy & Use Restrictions	Pre-submission data processing for PII	Final Data Deliverable	Estimated Publication Date & Embargo Request	Data Repository	Responsible Party for Data Submission	Target Submission Date
Indicate which project/sub-award, institution, and principal investigator has prime responsibility for the data and can respond to needs for clarification.	*Indicate type of dataset to be generated. Please use options listed below. If none of the options fit your data set, put NEW and briefly describe.*	*Provide relevant details to describe the dataset: What information was collected, where, and when? Format as What/Where/When.*	*Describe any privacy concerns or restrictions on making the data public: e.g. dataset subject to IRB compliance constraints; contains Personally Identifiable Information (PII); intellectual property/trade secrets; etc. See ADS 579.3.2.3 a-f for use restrictions.*	*To ensure that data quality & data privacy concerns are addressed before making it publicly available, describe any data-processing steps (cleaning, anonymization, dithering to higher geospatial scale, etc.) that the project will perform on the raw dataset.*	*What will the final submitted dataset consist of? Provide relevant details as appropriate, e.g. file format in addition to machine readable, non-proprietary, file size, number of entries, accompanying metadata, etc..*	*Indicate an expected date (Quarter/Year) for publication or delivery of intellectual work which data supports. Indicate requested embargo period for the data (Months). See ADS 579.3.3.3.*	*In what public repository will the dataset be placed? (e.g. GenBank, USAID's Development Data Library (DDL), etc.) Please provide link to proposed data repository.*	*(List only if different from Column A) Who is responsible for ensuring data are submitted by the project to the final data repository?*	*When will data be submitted to the final location? (Quarter/Year)*
Bangladesh - University of Illinois, Dr Prasanta Kalita (pkalita@illinois.edu)	Aggregate dataset(s): Crop phenotypic data from on-station field trials; Crop phenotypic information from farmer-managed field trials; Pest/pathogen phenotypic data	Excel spreadsheet containing information on sample location (station or farm location), date (collection date, analysis date and location, included as aggregate dataset Q1 2017); as well as insect species and quantity, moisture levels for each sample and subsample.	Need to apprise key stakeholders, with national partners who helped produce the data empowered as subject matter experts in country. DDL submission "when data are ready to be submitted to a peer-reviewed journal for publication, or no later than five calendar days prior to the conclusion of the award, whichever occurs earlier." Researchers' right to first publication.	Insect identity confirmed, moisture measure measurements to be conducted with a confirmed, calibrated moisture meter; significant differences to be determined considering non-normal distributions typical for mycotoxins. Code the location such that all data can be associated across categories, the site can be assigned to the appropriate part of a district, but without sufficient resolution of coordinates to associate specific people or businesses with the datapoints.	Excel spreadsheet with aforementioned information. Including: codebook of sample codes across categories and locations, data for each category, list of locations. Standard file size for Excel data spreadsheet (kB's).	Q3 2017	USAID Development Data Library (DDL) (https://www.usaid.gov/data), journal publications	Same as POC	Q3 2017
Bangladesh - University of Illinois, Dr Prasanta Kalita	Crop phenotypic data from on station field trials.	Mycotoxin level information, including trial location (station), date(s) (experiment date, analysis date and location; by Q3 2017), sample/subsample ID, and sampling/analysis method.	Need to apprise key stakeholders of mycotoxin data as it relates to postharvest management strategies (technologies and practices) before making them public. Researchers' right to first publication.	Sample coding, standard curves and analysis will be checked; validation of kits for matrices analyzed will be confirmed; significant differences to be determined.	Excel spreadsheet with aforementioned information. Including: codebook of sample codes and locations, data for each category (mycotoxin, standard curve), list of locations, level of mycotoxin and analysis method. Standard file size for Excel data spreadsheet (kB's).	Q4 2017	DDL, journal publications	Same as POC	by Q4 2017
Bangladesh - University of Illinois, Dr Prasanta Kalita	Farmer survey data.	Mycotoxin level information, including sampling point (coded), date(s) (collection date, analysis date and location; Q4 2017), associated postharvest practices (drying, storage type) sample/subsample ID, and sampling/analysis method.	Need to apprise key stakeholders of mycotoxin data before making them public. This will enable a proactive communications strategy to be deployed, with national partners who helped produce the data empowered as subject matter experts in country. Researchers' right to first publication.	Sample coding, standard curves and analysis will be checked; validation of kits for matrices analyzed will be confirmed; significant differences to be determined considering non-normal distributions typical for mycotoxins.	Excel spreadsheet with aforementioned information.Including: codebook of sample codes and locations, data for each category (mycotoxin, standard curve), list of locations, level of mycotoxin and analysis method. Standard file size for Excel data spreadsheet (kB's).	Q1 2018	DDL, journal publications	Same as POC	by Q1 2018
Ethiopia - Kansas State University, Dr Bhadriraju Subramanyam (sbhadrir@ksu.edu)	Aggregate dataset(s): Crop phenotypic data from on-station field trials; Crop phenotypic information from farmer-managed field trials; Pest/pathogen phenotypic data	Excel spreadsheet containing information on sample location (station or farm location), date (collection date, analysis date and location, included as aggregate dataset Q1 2017); as well as insect species and quantity, moisture levels for each sample and subsample.	Need to apprise key stakeholders, with national partners who helped produce the data empowered as subject matter experts in country. DDL submission "when data are ready to be submitted to a peer-reviewed journal for publication, or no later than five calendar days prior to the conclusion of the award, whichever occurs earlier." Researchers' right to first publication.	Insect identity confirmed, moisture measure measurements to be conducted with a confirmed, calibrated moisture meter; significant differences to be determined considering non-normal distributions typical for mycotoxins. Code the location such that all data can be associated across categories, the site can be assigned to the appropriate part of a district, but without sufficient resolution of coordinates to associate specific people or businesses with the datapoints.	Excel spreadsheet with aforementioned information. Including: codebook of sample codes across categories and locations, data for each category, list of locations. Standard file size for Excel data spreadsheet (kB's).	Q3 2017	USAID Development Data Library (DDL) (https://www.usaid.gov/data), journal publications	Same as POC	Q3 2017
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POC	Dataset	Data details	Stakeholder appraisal / publication	Validation / quality	Format	Date	Repository	Contact	Date
Ghana - Oklahoma State University, Dr George Opit (george.opit@okstate.edu)	Aggregate dataset(s): Crop phenotypic data from on-station field trials; Crop phenotypic information from farmer-managed field trials; Pest/pathogen phenotypic data	Excel spreadsheet containing information on sample location (station or farm location), date (collection date, analysis date and location, included as aggregate dataset Q1 2017); as well as insect species and quantity, moisture levels for each sample and subsample.	Need to apprise key stakeholders, with national partners who helped produce the data empowered as subject matter experts in country. DDL submission "when data are ready to be submitted to a peer-reviewed journal for publication, or no later than five calendar days prior to the conclusion of the award, whichever occurs earlier." Researchers' right to first publication.	Insect identity confirmed, moisture measure measurements to be conducted with a confirmed, calibrated moisture meter; significant differences to be determined considering non-normal distributions typical for mycotoxins. Code the location such that all data can be associated across categories, the site can be assigned to the appropriate part of a district, but without sufficient resolution of coordinates to associate specific people or businesses with the datapoints.	Excel spreadsheet with aforementioned information. Including: codebook of sample codes across categories and locations, data for each category, list of locations. Standard file size for Excel data spreadsheet (kB's).	Q3 2017	USAID Development Data Library (DDL) (https://www.usaid.gov/data), journal publications	Same as POC	Q3 2017
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Guatemala - Kansas State University, Dr Carlos Campabadal (campa@ksu.edu)	Aggregate dataset(s): Crop phenotypic data from on-station field trials; Crop phenotypic information from farmer-managed field trials; Pest/pathogen phenotypic data	Excel spreadsheet containing information on sample location (station or farm location), date (collection date, analysis date and location, included as aggregate dataset Q1 2017); as well as insect species and quantity, moisture levels for each sample and subsample.	Need to apprise key stakeholders, with national partners who helped produce the data empowered as subject matter experts in country. DDL submission "when data are ready to be submitted to a peer-reviewed journal for publication, or no later than five calendar days prior to the conclusion of the award, whichever occurs earlier." Researchers' right to first publication.	Insect identity confirmed, moisture measure measurements to be conducted with a confirmed, calibrated moisture meter; significant differences to be determined considering non-normal distributions typical for mycotoxins. Code the location such that all data can be associated across categories, the site can be assigned to the appropriate part of a district, but without sufficient resolution of coordinates to associate specific people or businesses with the datapoints.	Excel spreadsheet with aforementioned information. Including: codebook of sample codes across categories and locations, data for each category, list of locations. Standard file size for Excel data spreadsheet (kB's).	Q3 2017	USAID Development Data Library (DDL) (https://www.usaid.gov/data), journal publications	Same as POC	Q3 2017
Guatemala - University of Nebraska, Lincoln, Dr Andreia Bianchini Huebner (abianchini2@unl.edu)	Crop phenotypic data from on station field trials.	Mycotoxin level information, including trial location (station), date(s) (experiment date, analysis date and location; by Q3 2017), sample/subsample ID, and sampling/analysis method.	Need to apprise key stakeholders of mycotoxin data as it relates to postharvest management strategies (technologies and practices) before making them public. Researchers' right to first publication.	Sample coding, standard curves and analysis will be checked; validation of kits for matrices analyzed will be confirmed; significant differences to be determined.	Excel spreadsheet with aforementioned information. Including: codebook of sample codes and locations, data for each category (mycotoxin, standard curve), list of locations, level of mycotoxin and analysis method. Standard file size for Excel data spreadsheet (kB's).	Q4 2017	DDL, journal publications	Same as POC	by Q4 2017
Guatemala - University of Nebraska, Lincoln, Dr Andreia Bianchini Huebner (abianchini2@unl.edu)	Farmer survey data.	Mycotoxin level information, including sampling point (coded), date(s) (collection date, analysis date and location; Q4 2017), associated postharvest practices (drying, storage type) sample/subsample ID, and sampling/analysis method.	Need to apprise key stakeholders of mycotoxin data before making them public. This will enable a proactive communications strategy to be deployed, with national partners who helped produce the data empowered as subject matter experts in country. Researchers' right to first publication.	Sample coding, standard curves and analysis will be checked; validation of kits for matrices analyzed will be confirmed; significant differences to be determined considering non normal distributions typical for mycotoxins.	Excel spreadsheet with aforementioned information.Including: codebook of sample codes and locations, data for each category (mycotoxin, standard curve), list of locations, level of mycotoxin and analysis method. Standard file size for Excel data spreadsheet (kB's).	Q1 2018	DDL, journal publications	Same as POC	by Q1 2018
Kansas State University, Dr Brian Lindshield (blindsh@ksu.edu)	Dietary data before and after postharvest storage intervention distribution	Recall and survey data to assess: 1) Prevalence of children receiving a minimum acceptable diet. 2) Women's Dietary Diversity: Mean number of food groups consumed by woment of reproductive age. 3) Prevalence of households with moderate or severe hunger.	Dataset subject to IRB compliance contraints. Researchers' right to first publication.	Personally identifiable information will be removed to anonymize the dataset, with coding for survey information to enable linking data categories and identification of household within a reasonable geographic area for linkage of agroecological and other necessary information.	Anticipate the data to be submitted in a number of excel files. Including: codebook, Excel files. Standard file size for Excel data spreadsheets (kB's each).	Collection of baseline data in 2017, followed by second collection in 2018.	DDL, journal publications	Same as POC	Q4 2017 and Q1 2019
Kansas State University, Dr Brian Lindshield	Economic data before and after postharvest storage intervention distribution	Survery and market data to assess: 1) Prevalence of Poverty: Percent of people living on less than $1.15/day. 2) Depth of Poverty: The mean percent shortfall relative to the $1.25 poverty line. 3) Value of incremental sales (collected at farm-level) attributed to Feed the Future implementation.	Dataset subject to IRB compliance contraints. Researchers' right to first publication.	Personally identifiable information will be removed to anonymize the dataset, with coding for survey information to enable linking data categories and identification of household within a reasonable geographic area for linkage of agroecological and other necessary information.	Anticipate the data to be submitted in a number of excel files. Including: codebook, Excel files. Standard file size for Excel data spreadsheets (kB's each).	Collection of baseline data in 2017, followed by second collection in 2018.	DDL, journal publications	Same as POC	Q4 2017 and Q1 2019

San Diego State University, Dr Cheryl O'Brien (cobrien@mail.sdsu.edu)	Women's Empowerment before and after postharvest storage intervention distribution	Survey data to assess: Women's Empowerment in Agriculture Index	Dataset subject to IRB compliance contraints. Researchers' right to first publication.	Personally identifiable information will be removed to anonymize the dataset, with coding for survey information to enable linking data categories and identification of household within a reasonable geographic area for linkage of agroecological and other necessary information.	Anticipate the data to be submitted in a number of excel files. Including: codebook, Excel files. Standard file size for Excel data spreadsheets (kB's each).	Collection of baseline data in 2017, followed by second collection in 2018.	DDL, journal publications	Same as POC	Q4 2017 and Q1 2019