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STRADIV - System approach for the TRAnSition to bio-DIVersified agroecosystems. Data Management Plan

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Rhino, Karel van den Meersche, et al.

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*STRADIV—System approach
for the TRAnsition to bio-
DIVersified agroecosystems”*

Agropolis Fondation 1504-003

*Data Management Plan
V 1.5 - maj 06/05/2020*

Glossary, list of acronyms

ACRONYME	DEFINITION
CIRAD	Centre de coopération internationale en recherche agronomique pour le développement
WP	Work package
Aïda	Agroecology and sustainable intensification of annual crops
GECO	Banana, Plantain and Pineapple Cropping Systems
AMAP	Botany and Modelling of Plant Architecture and vegetation
ARTDEV	Stakeholders, resources and territories in development
CBGP	Centre for Biology and Management of Populations
SELMET	Mediterranean and Tropical Livestock Systems
GREEN	Management of renewable resources and the environment
HORTSYS	Agroecological Functioning and Performances of Horticultural Systems
TETIS	Territoris, Environment, Remote sensing and spatial information
SYSTEM	Functioning and management of tropical and Mediterranean cropping systems
PSH	Plant and Garden Cropping Systems
CEFE	French research center in Ecology
CGIAR	Consultative Group on International Agricultural Research
ICRAF	World Agroforestry Center
CIAT	International Center for Tropical Agriculture
CIRDES	International Center for Research and Development on Wetland Livestock
WUR	Wageningen University & Research
CATIE	Tropical Agronomic Center for Research and Teaching
UFRA	Federal Rural University of Amazonia

Project information

<i>Project acronym</i>	STRADIV
<i>Project full title</i>	<i>System approach for the TRAnSition to bio-DIVersified agroecosystems, from process analysis to multi-scale co-conception with actors.</i>
<i>Name of the funder(s)</i>	Agropolis Fondation
<i>Call Identifier</i>	Flagship project
<i>Topic of the call</i>	Agro-ecosystem management
<i>Grant agreement number</i>	1504-003
<i>Project duration</i>	36 months 2016-01-01/2018-12-31
<i>Project coordinator</i>	CIRAD, research unities Aïda and GECO
<i>Project scientific leader at Cirad</i>	<i>eric.scopel@cirad.fr;philippe.tixier@cirad.fr</i>
<i>Project goals</i>	<i>Our main objective is to define the conditions needed for the ecological transition of agroecosystems based on their biodiversification and their compatibility To a multi scale innovation dynamics built by and with local actors. In the context of small tropical farms, the application of these conditions requires to be unraveled (i) by developing and integrating scientific knowledge on the processes associated with plant diversity and its management and (ii) by designing a dialogue framework to enable farmers and other local stakeholder to strengthen the biodiversification of their agroecosystems by a co-conception approach. The STRADIV project will provide answers to the main bottlenecks preventing a successful ecological transition of agroecosystems. These issues, at the interface of disciplines and scales, are related as well to the management of plant diversity, the integration of biophysical and ecological processes in systems that optimize ecosystem services, as the formalization of a multi-scale and multi-actor dialogue inside functional platforms allowing the enhancement of the negotiation with and between farmers.</i>
<i>Key words</i>	Agroecology; Biodiversity; Transition; Agroforestry; pest and disease; Ecosystem services; Efficiency;trade-offs and synergies;modelling; multi-stakeholders platforms
<i>Project partners</i>	CIRAD : UR AïDA and UR GECO, UMR AMAP, UMR ARTDEV, UR BIOAGRESSEURS, UMR CBGP, UMR ECO&SOL, UR GREEN, UR HORTSYS, UMR INNOVATION, UMR SELMET, UMR SYSTEM, UMR TETIS INRA : PSH CNRS : CEFE International Center of the CGIAR :ICRAF (Cameroon, Central America) and AfricaRice (Madagascar), CIAT (Central America) International research center : CATIE (Central America), CIRDES (Burkina Faso), WUR (Master and PhD students) National research center : UFRA (universidade federal rural da Amazônia), Brazil

List of the datasets produced by the project

Dataset reference number	Pays	Dataset name	Description	Format	Data storage and access	Dataset leader	Related WP(s)
M1	Madagascar	Stradiv 1 Experimental Design	Data collected on the STRADIV 1 experimental design (96 * 9 * 5.1) diversified rotation and effect on performance of cropping systems in the Vak in Ivory. Agronomic data, plot itk, plant material, test plan, early soil analysis, manure data, weed biomass data, flowering rice LAI, soil faunas (monoliths, pit fall trap), SPAD data (Rice, peanut, sorghum), yield component rice, biomass (rice, groundnut, sorghum, mucuna, nut, C. spectabilis, cowpea) At present data for 2015-2016. Data sets related to WP2 and WP3.	Excel	Database PostgreSQL, Access on request restricted to project partners	Aude Ripoche, CIRAD	WP 2, WP 3
M2	Madagascar	Stradiv 2 Experimental Design	Data collected on the STRADIV 2 device (60 * 9 * 15m) in the Vak in Ivory. + 17 farmers plots agronomic data, Plot itk, plant material, test plan, manure data, weed biomass data, soil faunas (monoliths, pit fall trap), data on white grubs (species, estimated yield (Rice, groundnut, sorghum), yield component in rice, biomass (rice, pen) Weed surveys ° + recoveries For now data 2015-2016.	Excel	Database PostgreSQL, Access on request restricted on project partners	Aude Ripoche, CIRAD	WP 2, WP 3
M3	Madagascar	Monitoring of reference farms MO 2015-2019	20 farms : multi-year structure, , resource map flows, livestock feedings, incomes and labor time for rainfed and lowland crops, local practices and innovations performance	Microsoft Access and Excel, QGIS	Access on request restricted on DP SPAD	Patrice Autfray, Jean-François Bélières, CIRAD	WP4
M4	Madagascar	Investigation diagnosis of farms MO 2014-2015	240 farms : Structure, practices including biodiversity, performance (income)	Microsoft Access and export	Access request restricted on DP SPAD	Jean-François Belleres, CIRAD	WP1, WP4

				files for processing (SPSS XLSTAT)			
M5	Madagascar	Stradiv 4 Prototyping cropping systems 2017-2019	Data collected on the STRADIV 4 device, 2 fields (rice and rotation) * 144 * 39m ²) in the Vak in Ivory. + 20 farmers involved in assessment, multicriteria agronomic data, including weed biomass, striga counting, white grubs counting, yields of rice and maize, cassava, groundnut, bambara nut, cowpea, soybean), yield component in rice, crop and legume cover crop biomass, farmers scoring data assessment	Excel	Database PostgreSQL, Access on request restricted on project partners	Patrice Autfray, CIRAD	WP4
BF1	Burkina Faso	Survey of dairy farms	20 farms	Excel	Access on request restricted on project partners	Olo Sib (PHD)	WP4
BF2	Burkina Faso	Monthly monitoring of dairy cows' workshops	Monthly monitoring of 15 farms: zootechnic data, milk production, cow weight measurements, what they eat, farrowing (18 months).	Excel	Access on request restricted on project partners	Olo Sib (PHD)	WP4
BF3	Burkina Faso	Agronomic monitoring of fodder banks	Agronomic monitoring of fodder banks: data on growth measurements of perennial plants (height, diameter, number of leaves of shrubs), monitoring on the production of leaves with cuts, soil analysis.	Excel	Access on request restricted on project partners	Olo Sib (PHD)	WP4
BF4	Burkina Faso	Agronomic monitoring of fodder plots	Agronomic monitoring of fodder plots (itk, yields, environment) : corn associated with service plants	Excel	Access on request restricted on project partners	Patrice Kouakou, CIRAD	WP4
BF5	Burkina Faso	Analysis of the network of local stakeholders involved in fodder crops	Analysis of the networks of stakeholders involved in fodder production	Excel	Access on request restricted on project partners	Der Dabiré, Cirdes	WP1
A1	Martinique	Effect of tomato-related cover on	Experimental results on Tomato associated with service plants: abundance of pests and auxiliaries, yield...	Excel	Access on request restricted on PO	Béatrice Rhino,	WP2

		the production and presence of whiteflies			Martinique	CIRAD	
CR1	Costa rica	Sarah Capeli	Evaluation of cover crops 20 farms: topoclimatic conditions, coffee plant physiology and yield (age, destitutes, size, practices), characteristics of cover plants: litter, % soil cover. Species "native" or selected by producers. Botanical description of native species. Inputs (pesticides), practices (method of weed control, number of passages), working time, and cost of production. Area of Turialba. Over 6 months, 1 pass per farm. Measurement of light transmissive to the ground (densiometer).	Excel	Access on request restricted on project partners	Karel van den meersch e	WP 2
N1	Nicaragua	Ecosystem services and coffee production la Dalia	Measurement in 2 steps. SE produced in plots of coffee. First survey of one hundred plots: soil analysis, tree inventory (number, size, species), aerial tree biomass, coffee yield surveys, water quality indicator according to the number of phyto treatments. To explain the factors of variation in services. Then more detailed follow-up surveys on 27 very different plots in terms of agricultural production and services: what are the determinants of service provision? Over 1 year, the Dalia.	Excel	Access on request restricted on project partners	Martin Notaro (thésard)	WP 4
N2	Nicaragua	Network of 60 plots on 3 farms, Camille protocol	Network of 60 plots on 3 farms, management intensity gradient: Conventional -organic. Management at the farm level (technical itinerary, plot management). 3 species of trees of common shade. 5 repetitions. The type of shade on each holding + other species which vary according to the holdings. Structure and composition of shade species: Mapping of distribution of shade trees (distance, angles), height, diameter, basal area. Distribution of the canopy on the ground, name of the species present on the plots. Temperature and humidity in each parcel + weather station. 4 coffee plants identified (indicators of potential product and losses). Measure between the relationship between diversity	Excel	Access on request restricted on project partners (WUR ?)	Clémentine Allinne	WP2

			and services: impact of diseases and pests. Measure 4 / year incidences and severities foliar diseases. Link with soil fertility (soil analysis on a subsample, ammonium nitrate mineralization), + bait lamina data. Stock measurements litter in relation to moisture. Services: carbon stock in aerial biomass, water ecosystem service, soil fertility, habitat (biodiversity index). Regulation of the bark beetle through predation by insects (ants) (to be done). Follow-up of production and diseases over 2 years, the remainder 1 year.				
N4	Nicaragua	Follow-up co-design UCA	Data on about 15 producers over 2 year, to evaluate the interaction between 2 shade levels and 3 fertilization treatments (simple, double and used of efficient microorganisms). Characterization of shade (percentage, species and number of trees by strate (10-4m;4-10m;<10m), impact on foliar pest and deases, production. Economic analysis of each options to evaluate cost and benefits. Biophysical and economic analysis made by a local technician. Research question and experimental design was establish with the producers. Analysis of data and identification of the more sustainable option performed during participative workshop.	Excel	Access on request restricted on project partners, UCA, CATIE, union of cooperatives.	Clémentine Allinne	WP 4
C1	Cameroun		Biophysical variables, harvested between 2015 and 2018, on 42 samples, 1 sample = a plot of 800 m2 cocoa agroforestry system, single catch data (1 data per plot per variable): biomasses of several compartments, diversity and species specific richness, Cocoa yields, measurements of functional features (tree leaves), cocoa architecture (typology), soil physico-chemical analysis (0.15 and 15-30 cm). Thèse A Nijmeijer (autre projet : SAFSE)	Excel	Open data	Stéphane Saj, CIRAD	WP2

M1, M2 Madagascar - Agronomical Experimental datasets produced

Dataset(s) description

<i>Dataset description</i>	LAI : leaf area index SPAD : instrument d'analyse de la teneur en chlorophylle rendement de cultures (riz, arachide et sorgho) : composante de rendement et Biomasse Biomasses d'adventices Biomasses de plantes de service : Mucuna, C. spectabilis, niébé Nombre et espèces d'individus de la faune du sol
<i>Nature of the dataset</i>	Experimental or observational data.
<i>Method of production</i>	Experimental agronomic design
<i>Tools for data processing</i>	Work on Excel file (Aude Ripoche) Backup under a PostgreSQL database (Sandrine Auzoux)
<i>Estimated volume of data</i>	<100Mo
<i>Existing publications related to this dataset</i>	No publication at the moment
<i>Re-use of existing data</i>	No existing data reused
<i>Intended future uses</i>	Possibility of reuse by researchers for closed research questions to compare data and results
<i>Users of data</i>	Scientific community

Standards and metadata

<i>Metadata standards</i>	Crop ontology, Darwin core, EML
<i>Data format</i>	Format Excel, jpg, txt
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Leader : Aude Ripoche, UR Aïda/CIRAD other contributors : Richard Randriamantsoa, Rasambatra Elias Romélio, Patrice Autfray, Eric blanchart, jean trap, Djibril Djigal
<i>Person in charge of the data analysis</i>	Aude Ripoche, CIRAD
<i>Intellectual property rights</i>	Governed by the FOFIFA-CIRAD convention.
Aspects éthiques	No personal data Collected data on IVORY experimental design site and in networks farms in partnership with Madagascar

Data sharing, diffusion and reuse

<i>During the project</i>	Data sharing on request with project partners
<i>After the project</i>	So far, data sharing hasn't been scheduled
<i>Type of license</i>	So far, no license defined
<i>Data repository</i>	Dataverse CIRAD
<i>Data identifier</i>	DOI CIRAD
<i>Dissemination date</i>	Pas de mise à disposition pour l'instant
<i>Data reading</i>	Words, Excel, Paint, PostgreSQL
<i>Sensitive data</i>	No sensitive Data.

Archiving and preservation (including storage and backup)

Storage and backup during the project	The datasets are saved on an internal CIRAD server (managed by Sandrine Auzoux), and the data leader keep the original datasets on their laptop
<i>preservation, localisation</i>	So far, data preservation hasn't been scheduled
<i>Recommended lifetime</i>	
<i>Final volume of archived data</i>	<100Mo
<i>Data to be destroyed</i>	No data to destroy
<i>Name of person in charge of archiving and preservation</i>	None
<i>Associated costs</i>	None

DMP for dataset(s)

M3 Madagascar - Monitoring of reference farms MO 2015-2018

Dataset(s) description

<i>Dataset description</i>	20 farms : Structure, performance practices, farm and plot levels, pluri-annual recording
<i>Nature of the dataset</i>	observation and survey dataset
<i>Method of production</i>	survey protocol
<i>Tools for data processing</i>	Microsoft Access and export files for processing (SPSS XLSTAT)
<i>Estimated volume of data</i>	<100Mo
<i>Existing publications related to this dataset</i>	Naudin K., Autfray P., Dusserre J., Penot E., Raboin L.M., Raharison T., Rakotoarisoa J., Ramanantsoanirina A., Randrianjafizanaka M.T, Rasolofo L.I., Raveloson N., Razafimahatratra M., Salgado P., Sester P., Vom Brocke K., Scopel E., 2018. L'agro-écologie à Madagascar : de la plante au paysage. Dans: Côte F.-X., Poirier-Magona E., Perret S., Rapidel B., Roudier P., Thirion M.-C. (eds), La Transition agro-écologique des agricultures du Sud, Agricultures et défis du monde, AFD, Cirad, Éditions Quæ, Versailles.
<i>Re-use of existing data</i>	Access request restricted on DP SPAD
<i>Intended future uses</i>	Possibility of reuse by researchers for closed research questions to compare data and results
<i>Users of data</i>	Scientific community

Standards and metadata

<i>Metadata standards</i>	DDI
<i>Data format</i>	Format Excel, jpg, txt
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Patrice Autfray, CIRAD Hery Zo Rakotofiringa, FOFIFA
<i>Person in charge of the data analysis</i>	Patrice Autfray, Jean-François Bélières CIRAD, Hery Zo Rakotofiringa, FOFIFA
<i>Intellectual property rights</i>	Accord Fofifa Cirad
<i>Ethical aspects</i>	No specific protocol to manage personal data

Data sharing, diffusion and reuse

<i>During the project</i>	Access on request restricted on DP SPAD
<i>After the project</i>	Access on request
<i>Type of license</i>	No licence
<i>Data repository</i>	Dataverse Cirad (in the near future)
<i>Data identifier</i>	DOI Cirad
<i>Dissemination date</i>	None
<i>Data reading</i>	Excel
<i>Sensitive data</i>	personal data about farmers

Archiving and preservation (including storage and backup)

<i>Storage and backup during the project</i>	Personal computer
<i>preservation, localisation</i>	Dataverse Cirad (in the near future)
<i>Recommended lifetime</i>	10 ans
<i>Final volume of archived data</i>	< 100 Mo
<i>Data to be destroyed</i>	No
<i>Name of person in charge of archiving and preservation</i>	Dataverse administrator

M4 Madagascar - Investigation diagnosis of farms MO 2014-2015

Dataset(s) description

<i>Dataset description</i>	Survey dataset 240 farms representatives of all farms of 8 fokontany in 4 communes (zones intervention BVPI SE/HP project), which is 4 379 farms : structure (land, livestock, people, agricultural equipment, other equipment, buildings, etc.), practices and performances on all parcels (2 158 parcels), products and expenses, gross margin and net margin for all activities (including livestock farming , activities off farm) , , agrobiodiversity for crops and livestock, performance (incomes) far all activities (one year : 2014/15)
<i>Nature of the dataset</i>	Survey dataset (2 visits to households)
<i>Method of production</i>	Survey protocol (2 visits to households)
<i>Tools for data processing</i>	Microsoft Access and export files for processing (SPSS XLSTAT)
<i>Estimated volume of data</i>	<100Mo
<i>Existing publications related to this dataset</i>	<p>Razafimahatratra H. M., 2018. Agriculture de conservation et moyens d'existence des exploitations agricoles. Cas du Moyen Ouest de Madagascar. SupAgro Montpellier, ED Économie et Gestion de Montpellier.</p> <p>Raharison T., Bélières J.-F., Salgado P., Autfray P., Razafimahatratra H. M. et Rakotofiringa H. Z., 2017. Agro-biodiversité dans les exploitations agricoles familiales du Moyen Ouest de Vakinankaratra : des paysans en avance sur la recherche et le développement agricole durable ? Forum de la recherche sur la biodiversité et le développement durable – Fianarantsoa/Madagascar, 29-30 Novembre 2017. 14p.</p> <p>Razafimahatratra H. M., Raharison T., Bélières J.-F., Autfray P., Salgado P. et Rakotofiringa H. Z., 2017. Systèmes de production, pratiques, performances et moyens d'existence des exploitations agricoles du Moyen-Ouest du Vakinankaratra. SPAD CIRAD/FOFIFA/GSDM. Antsirabe (Madagascar) 103 p. http://agritrop.cirad.fr/586881/</p> <p>Sourisseau J.-M., Bélières J.-F., Marzin J., Salgado P. et Maraoux F., 2018. Les moteurs du développement de l'agro-écologie en Afrique subsaharienne : illustration sur les Hautes Terres malgaches. In La transition agro-écologique des agricultures du Sud. Côte, F.-X., Poirier-Magona, E., Perret, S., Roudier, P., Rapidel, B. et Thirion, M.-C. Ed., Versailles, AFD, Cirad, Éditions Quæ, pp. 183-202.</p> <p>Razafimahatratra Hanitriniaina Mamy, Bignebat Céline, Bélières Jean-François, David-Benz Hélène, Penot Eric. 2017. Livelihood assets as determinants of adoption and disadoption of conservation agriculture in Western Madagascar. 1 poster EAAE Congress - Towards Sustainable Agri-food Systems: Balancing Between Markets and Society. 15, Parme, Italie, 29 Août 2017/1 Septembre 2017</p>
<i>Re-use of existing data</i>	Access request restricted on DP SPAD but wider use possible
<i>Intended future uses</i>	<p>Possibility of reuse by researchers for closed research questions to compare data and results</p> <p>Possible use by development to analyse the evolution of the farming system.</p>
<i>Users of data</i>	Scientific community. But also rural development expert

Standards and metadata

<i>Metadata standards</i>	DDI
<i>Data format</i>	Format ACCESS, SPSS, Excel
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Jean-François Bélières, CIRAD Tahina Raharison (GSDM/SupAgro), Hanitriniaina Mamy Razafimahatratra (FOFIFA),
<i>Person in charge of the data analysis</i>	Jean-François Bélières, CIRAD Tahina Raharison (GSDM/SupAgro), Hanitriniaina Mamy Razafimahatratra (FOFIFA),
<i>Intellectual property rights</i>	Accord Fofifa Cirad
<i>Aspects éthiques</i>	No specific protocol to manage personal data

Data sharing, diffusion and reuse

<i>During the project</i>	Access on request restricted on DP SPAD
<i>After the project</i>	Access on request
<i>Type of license</i>	No licence
<i>Data repository</i>	Dataverse Cirad (in the near future)
<i>Data identifier</i>	DOI Cirad
<i>Dissemination date</i>	None
<i>Data reading</i>	Excel
<i>Sensitive data</i>	personal data about farmers

Archiving and preservation (including storage and backup)

<i>Storage and backup during the project</i>	Personal computer
<i>preservation, localisation</i>	Dataverse Cirad (in the near future)
<i>Recommended lifetime</i>	10 ans
<i>Final volume of archived data</i>	< 100 Mo
<i>Data to be destroyed</i>	No
<i>Name of person in charge of archiving and preservation</i>	Dataverse Administrator ?

M5 Madagascar - Stradiv 4 Prototyping cropping systems 2017-2019 produced

Dataset(s) description

<i>Dataset description</i>	Multicriteria agronomic data, flowering date, chlorophyll content indicator, weed biomass, striga and white grubs counting, yields of rice and maize, cassava, groundnut, bambara nut, cowpea, soybean, yield component in rice, crop and legume cover crop biomass C and N inputs Farmers scoring data assessment
<i>Nature of the dataset</i>	Experimental or observational data.
<i>Method of production</i>	Experimental agronomic design
<i>Tools for data processing</i>	Work on Excel file (Patrice Autfray) Backup under a PostgreSQL database (Sandrine Auzoux)
<i>Estimated volume of data</i>	<100Mo
<i>Existing publications related to this dataset</i>	No publication at the moment
<i>Re-use of existing data</i>	No existing data reused
<i>Intended future uses</i>	Possibility of reuse by researchers for closed research questions to compare data and results
<i>Users of data</i>	Scientific community

Standards and metadata

<i>Metadata standards</i>	Crop ontology, Darwin core, EML
<i>Data format</i>	Format Excel, jpg, txt
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Leader : Patrice Autfray, CIRAD other contributors : Richard Randriamantsoa, FOFIFA
<i>Person in charge of the data analysis</i>	Patrice Autfray, Philippe Letourmy CIRAD
<i>Intellectual property rights</i>	Governed by the FOFIFA-CIRAD convention.
<i>Aspects éthiques</i>	No personal data Collected data on IVORY experimental design site and in networks farms in partnership with Madagascar

Data sharing, diffusion and reuse

<i>During the project</i>	Data sharing on request with project partners
<i>After the project</i>	So far, data sharing hasn't been scheduled
<i>Type of license</i>	So far, no license defined
<i>Data repository</i>	Dataverse CIRAD
<i>Data identifier</i>	DOI CIRAD
<i>Dissemination date</i>	Pas de mise à disposition pour l'instant
<i>Data reading</i>	Words, Excel, Paint, PostgreSQL
<i>Sensitive data</i>	No sensitive Data.

Archiving and preservation (including storage and backup)

Storage and backup during the project	The datasets are saved on an internal CIRAD server (managed by Sandrine Auzoux), and the data leader keep the original datasets on their laptop
<i>preservation, localisation</i>	So far, data preservation hasn't been scheduled
<i>Recommended lifetime</i>	
<i>Final volume of archived data</i>	<100Mo
<i>Data to be destroyed</i>	No data to destroy
<i>Name of person in charge of archiving and preservation</i>	None
<i>Associated costs</i>	None

DMP for dataset(s)

BF 1 Burkina Faso - Survey of dairy farms

Dataset(s) description

<i>Dataset description</i>	Survey of dairy farms 20 farms in 2015 in Koumbia , Nasso, Bobo-Dioulasso
<i>Nature of the dataset</i>	Survey
<i>Method of production</i>	Questioning from Ollo Sib to farmers
<i>Tools for data processing</i>	Excell
<i>Estimated volume of data</i>	245 KO
<i>Existing publications related to this dataset</i>	Sib O, Bougouma-Yameogo V M C, Blanchard M., Garcia E., Vall E., 2017, Production laitière à l'Ouest du Burkina faso dans un contexte d'émergence de laiteries diversifié des pratiques d'élevage et propositions d'amélioration. Rev. Elev. Med. Vet. Pays Trop., 70 (3):81-91, doi:10,19182/remvt,3152
<i>Re-use of existing data</i>	No
<i>Intended future uses</i>	No
<i>Users of data</i>	Ollo Sib (PHD) Eric Vall

Standards and metadata

<i>Metadata standards</i>	No
<i>Data format</i>	Excel
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Ollo Sib
<i>Person in charge of the data analysis</i>	Ollo Sib, Eric Vall
<i>Intellectual property rights</i>	Governed by the CIRDES-CIRAD convention. A vérifier ?
<i>Aspects éthiques</i>	Personal data about farmers No specific accord

Data sharing, diffusion and reuse

<i>During the project</i>	Access limited to Burkina Faso team
<i>After the project</i>	Open access
<i>Type of license</i>	https://creativecommons.org/choose/?lang=fr (aller choisir votre licence)
<i>Data repository</i>	Not yet (feb. 2019)
<i>Data identifier</i>	Not yet (feb. 2019)
<i>Dissemination date</i>	Not yet (feb. 2019)
<i>Data reading</i>	Excel
<i>Sensitive data</i>	Personal data about farmers

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer Ollo Sib, Eric Vall
<i>preservation, localisation</i>	<i>No specific disposition</i>
<i>Recommended lifetime</i>	-
<i>Final volume of archived data</i>	<100 MO
<i>Data to be destroyed</i>	No
<i>Name of person in charge of archiving and preservation</i>	Ollo Sib

DMP for dataset(s)

BF 2 Burkina Faso - Monthly monitoring of dairy cows' workshops

Dataset(s) description

<i>Dataset description</i>	Monthly monitoring of 15 farms: zootechnic data, milk production, cow weight measurements, what they eat, farrowing (18 months). In 2015-2017 Koumbia, Nasso, bobo Diolasso
<i>Nature of the dataset</i>	Animal production data
<i>Method of production</i>	Monitoring by survey and measurement, monitoring by farmer
<i>Tools for data processing</i>	Excell
<i>Estimated volume of data</i>	<100MO
<i>Existing publications related to this dataset</i>	Not yet
<i>Re-use of existing data</i>	No
<i>Intended future uses</i>	Yes , scientific paper
<i>Users of data</i>	Ollo sib Eric Vall

Standards and metadata

<i>Metadata standards</i>	No
<i>Data format</i>	Excel
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Ollo Sib
<i>Person in charge of the data analysis</i>	Ollo Sib, Eric Vall
<i>Intellectual property rights</i>	<i>Governed by the CIRDES-CIRAD convention.</i>
Aspects éthiques	<i>No sensitive data</i>

Data sharing, diffusion and reuse

<i>During the project</i>	Acess limited to Burkina Faso team
<i>After the project</i>	Acess limited to Burkina Faso team
<i>Type of license</i>	https://creativecommons.org/choose/?lang=fr (aller choisir votre licence)
<i>Data repository</i>	Not yet (feb. 2019)
<i>Data identifier</i>	Not yet (feb. 2019)
<i>Dissemination date</i>	Not yet (feb. 2019)
<i>Data reading</i>	Excel
<i>Sensitive data</i>	No

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer Ollo Sib, Eric Vall
<i>preservation, localisation</i>	No specific disposition
<i>Recommended lifetime</i>	-
<i>Final volume of archived data</i>	<100 MO
<i>Data to be destroyed</i>	No
<i>Name of person in charge of archiving and preservation</i>	Ollo sib

BF 3 Burkina Faso - Agronomic monitoring of fodder banks

Dataset(s) description

<i>Dataset description</i>	Agronomic monitoring of fodder banks: data on growth measurements of perennial plants (height, diameter, number of leaves of shrubs), monitoring on the production of leaves with cuts, soil analysis.
<i>Nature of the dataset</i>	Agronomic data
<i>Method of production</i>	Field measurement, lab analysis
<i>Tools for data processing</i>	Excell
<i>Estimated volume of data</i>	<100MO
<i>Existing publications related to this dataset</i>	Not yet
<i>Re-use of existing data</i>	No
<i>Intended future uses</i>	Scientific paper
<i>Users of data</i>	Olo Sib Eric Vall

Standards and metadata

<i>Metadata standards</i>	No
<i>Data format</i>	Excel
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Olo Sib
<i>Person in charge of the data analysis</i>	Olo Sib, Eric Vall
<i>Intellectual property rights</i>	Governed by the CIRDES-CIRAD convention.
<i>Aspects éthiques</i>	No sensitive data

Data sharing, diffusion and reuse

<i>During the project</i>	Access limited to Burkina Faso team
<i>After the project</i>	Access limited to Burkina Faso team until publication of a paper (free access after)
<i>Type of license</i>	https://creativecommons.org/choose/?lang=fr (aller choisir votre licence)
<i>Data repository</i>	Not yet (feb. 2019)
<i>Data identifier</i>	Not yet (feb. 2019)
<i>Dissemination date</i>	Not yet (feb. 2019)
<i>Data reading</i>	Excel
<i>Sensitive data</i>	No

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer Ollo Sib, Eric Vall
<i>preservation, localisation</i>	No specific disposition
<i>Recommended lifetime</i>	-
<i>Final volume of archived data</i>	<100 MO
<i>Data to be destroyed</i>	No
<i>Name of person in charge of archiving and preservation</i>	Ollo sib

BF 4 Burkina Faso - Agronomic monitoring of fodder plots

Dataset(s) description

<i>Dataset description</i>	Agronomic monitoring of fodder plots (itk, yields, environment) : corn associated with cover crop. 2016, Koumbia, Nasso, Bobo 13 fields 2017, Koumbia, Nasso, Bana, Sourkoudinga, Bobo, 25 fields
<i>Nature of the dataset</i>	Agronomic data
<i>Method of production</i>	Field measurement, lab analysis
<i>Tools for data processing</i>	Excell
<i>Estimated volume of data</i>	<100MO
<i>Existing publications related to this dataset</i>	Not yet
<i>Re-use of existing data</i>	No
<i>Intended future uses</i>	Scientific paper
<i>Users of data</i>	Ollo sib Eric Vall Patrice Kouakou

Standards and metadata

<i>Metadata standards</i>	No
<i>Data format</i>	Excel
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Ollo Si, Patrice Kouakou
<i>Person in charge of the data analysis</i>	Ollo Sib, Eric Vall, Patrice Kouakou
<i>Intellectual property rights</i>	Governed by the CIRDES-CIRAD convention.
Aspects éthiques	No sensitive data

Data sharing, diffusion and reuse

<i>During the project</i>	Access limited to Burkina Faso team
<i>After the project</i>	Access limited to Burkina Faso team until publication of a paper (free access after)
<i>Type of license</i>	https://creativecommons.org/choose/?lang=fr (aller choisir votre licence)
<i>Data repository</i>	Not yet (feb. 2019)
<i>Data identifier</i>	Not yet (feb. 2019)
<i>Dissemination date</i>	Not yet (feb. 2019)
<i>Data reading</i>	Excel
<i>Sensitive data</i>	No

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer Ollo Sib, Eric Val, Patrice Kouakou
<i>preservation, localisation</i>	No specific disposition
<i>Recommended lifetime</i>	-
<i>Final volume of archived data</i>	<100 MO
<i>Data to be destroyed</i>	No
<i>Name of person in charge of archiving and preservation</i>	Ollo Sib, Patrice Kouakou

DMP for dataset(s)

BF 5 Burkina Faso - Analysis of the network of local stakeholders involved in fodder crops

Dataset(s) description

<i>Dataset description</i>	Analysis of the networks of stakeholders involved in fodder production
<i>Nature of the dataset</i>	Sociological data
<i>Method of production</i>	Survey
<i>Tools for data processing</i>	Word
<i>Estimated volume of data</i>	<100MO
<i>Existing publications related to this dataset</i>	No
<i>Re-use of existing data</i>	No
<i>Intended future uses</i>	No
<i>Users of data</i>	Ollo sib Eric Vall

Standards and metadata

<i>Metadata description</i>	No
<i>Data format</i>	Excel
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Olo Sib, Der Dabiré
<i>Person in charge of the data analysis</i>	Olo Sib, Eric Vall, Der Dabiré
<i>Intellectual property rights</i>	Governed by the CIRDES-CIRAD convention.
Aspects éthiques	No sensitive data

Data sharing, diffusion and reuse

<i>During the project</i>	Access limited to Burkina Faso team
<i>After the project</i>	Access limited to Burkina Faso team until publication of a paper (free access after)
<i>Type of license</i>	
<i>Data repository</i>	Not yet (feb. 2019)
<i>Data identifier</i>	Not yet (feb. 2019)
<i>Dissemination date</i>	Not yet (feb. 2019)
<i>Data reading</i>	Excel
<i>Sensitive data</i>	No

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer Olo Sib, Eric Vall
<i>preservation, localisation</i>	No specific disposition
<i>Recommended lifetime</i>	-
<i>Final volume of archived data</i>	<100 MO
<i>Data to be destroyed</i>	No
<i>Name of person in charge of archiving and preservation</i>	Olo Sib, Eric Vall

A1 Antilles - Effect of tomato-related cover on the production and presence of whiteflies

Dataset(s) description

<i>Dataset description</i>	Experimental results on Tomato associated with service plants: abundance of pests and auxiliaries, yield... Martinique
<i>Nature of the dataset</i>	Agronomic data
<i>Method of production</i>	Field measurements and observations
<i>Tools for data processing</i>	Excel
<i>Estimated volume of data</i>	<100 Mo
<i>Existing publications related to this dataset</i>	Sauvadet Marie, Rhino Béatrice, Loisel Corentin, Floch Laura, Deberdt Peninna, Becquer Thierry, Tixier Philippe, Harmand Jean-Michel. 2018. Impacts of inter-row grass cover on soil biological fertility in tomato crop in Martinique. PoS2-52. In : Book of abstracts of the XV European Society for Agronomy Congress : "Innovative cropping and farming systems for high quality food production systems". Agroscope. Genève : Agroscope, Résumé, 149. European Society for Agronomy Congress (ESA 2018). 15, Genève, Suisse, 27 Août 2018/31 Août 2018.
<i>Re-use of existing data</i>	No
<i>Intended future uses</i>	Possibility of reuse by researchers for closed research questions to compare data and results
<i>Users of data</i>	Béatrice Rhino

Standards and metadata

<i>Metadata description</i>	No
<i>Data format</i>	Excel
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Béatrice Rhino
<i>Person in charge of the data analysis</i>	Béatrice Rhino
<i>Intellectual property rights</i>	Cirad
<i>Aspects éthiques</i>	None

Data sharing, diffusion and reuse

<i>During the project</i>	Shared with project partners
<i>After the project</i>	Dataverse CIRAD
<i>Type of license</i>	CC BY-NC-ND 4.0
<i>Data repository</i>	Dataverse CIRAD

<i>Data identifier</i>	DOI Cirad
<i>Dissemination date</i>	Not yet
<i>Data reading</i>	Excel
<i>Sensitive data</i>	No ?

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer
preservation, localisation	Dataverse Cirad
Recommended lifetime	10 ans
Final volume of archived data	<100MO
Data to be destroyed	no
Name of person in charge of archiving and preservation	Béatrice Rhino

CR1 Costa Rica Evaluation of cover plant – Costa Rica

Dataset(s) description

<i>Dataset description</i>	Evaluation of cover crops 20 farms: topoclimatic conditions, coffee plant physiology and yield (age, size, practices), characteristics of cover plants: litter, % soil cover. Species "native" or selected by producers. Botanical description of native species. Inputs (pesticides), practices (method of weed control, number of passages), working time, and cost of production. Area of Turialba. Over 6 months, 1 pass per farm. Measurement of light transmission to the ground (densiometer).
<i>Nature of the dataset</i>	Agronomic data
<i>Method of production</i>	Farm survey , field observation
<i>Tools for data processing</i>	Excell ?
<i>Estimated volume of data</i>	<100MO
<i>Existing publications related to this dataset</i>	?
<i>Re-use of existing data</i>	?
<i>Intended future uses</i>	?
<i>Users of data</i>	Scientific community and public ?

Standards and metadata

<i>Metadata description</i>	No
<i>Data format</i>	Excell
<i>File management</i>	No naming standard or classification. File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Karel van den meersche
<i>Person in charge of the data analysis</i>	Karel van den meersche
<i>Intellectual property rights</i>	Governed by the CATIE-CIRAD convention
<i>Aspects éthiques</i>	Est-ce qu'il y a une référence à des accords particuliers du type accès aux connaissances autochtone, savoir traditionnel, biodiversité ?

Data sharing, diffusion and reuse

<i>During the project</i>	Access on request restricted on project partners
<i>After the project</i>	Access on request restricted on project partners
<i>Type of license</i>	https://creativecommons.org/choose/?lang=fr (aller choisir votre licence)
<i>Data repository</i>	Dataverse ?
<i>Data identifier</i>	DOI Cirad ?

<i>Dissemination date</i>	
<i>Data reading</i>	
<i>Sensitive data</i>	Yes/no ?

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer
<i>preservation, localisation</i>	Dataverse ?
<i>Recommended lifetime</i>	10 ans
<i>Final volume of archived data</i>	<100MO ?
<i>Data to be destroyed</i>	no
<i>Name of person in charge of archiving and preservation</i>	Karel van den Meersch

N1 Nicaragua Ecosystem services and coffee production la Dalia

Dataset(s) description

<i>Dataset description</i>	Measurement in 2 steps. SE produced in plots of coffee. First survey of one hundred plots: soil analysis, tree inventory (number, size, species), aerial tree biomass, coffee yield surveys, water quality indicator according to the number of phyto treatments. To explain the factors of variation in services. Then more detailed follow-up surveys on 27 very different plots in terms of agricultural production and services: what are the determinants of service provision? Over 1 year, the Dalia
<i>Nature of the dataset</i>	Fields measurements and observations
<i>Method of production</i>	Experimental agronomic design and landscape
<i>Tools for data processing</i>	Excel file
<i>Estimated volume of data</i>	<100Mo
<i>Existing publications related to this dataset</i>	No publication at the moment
<i>Re-use of existing data</i>	No existing data reused
<i>Intended future uses</i>	Possibility of reuse by researchers for closed research questions to compare data and results
<i>Users of data</i>	Scientific community

Standards and metadata

<i>Metadata standards</i>	Crop ontology, Darwin core, eml
<i>Data format</i>	Excel, txt, jpg
<i>File management</i>	File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Martin Notaro
<i>Person in charge of the data analysis</i>	Martin Notaro
<i>Intellectual property rights</i>	CIRAD
Aspects éthiques	

Data sharing, diffusion and reuse

<i>During the project</i>	Shared with project partners
<i>After the project</i>	Dataverse
<i>Type of license</i>	https://creativecommons.org/choose/?lang=fr (aller choisir votre licence)
<i>Data repository</i>	Dataverse
<i>Data identifier</i>	DOI Cirad
<i>Dissemination date</i>	
<i>Data reading</i>	
<i>Sensitive data</i>	

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer
<i>preservation, localisation</i>	Dataverse
<i>Recommended lifetime</i>	
<i>Final volume of archived data</i>	<100Mo
<i>Data to be destroyed</i>	no
<i>Name of person in charge of archiving and preservation</i>	Dataverse Administrator ?

N2 Nicaragua Coffee : Network of 60 plots on 3 farms, management intensity gradient: Conventional -organic.

Dataset(s) description

<i>Dataset description</i>	Management at the farm level (technical itinerary, plot management). 3 species of trees of common shade. 5 repetitions. The type of shade on each holding + other species which vary according to the holdings. Structure and composition of shade species: Mapping of distribution of shade trees (distance, angles), height, diameter, basal area. Distribution of the canopy on the ground, name of the species present on the plots. Temperature and humidity in each parcel + weather station. 4 coffee plants identified (indicators of potential product and losses). Measure between the relationship between diversity and services: impact of diseases and pests. Measure 4 / year incidences and severities foliar diseases. Link with soil fertility (soil analysis on a subsample, ammonium nitrate mineralization), + bait lamina data. Stock measurements litter in relation to moisture. Services: carbon stock in aerial biomass, water ecosystem service, soil fertility, habitat (biodiversity index). Regulation of the bark beetle through predation by insects (ants) (to be done). Follow-up of production and diseases over 2 years, the remainder 1 year.
<i>Nature of the dataset</i>	Fields measurements and observations
<i>Method of production</i>	Experimental agronomic design and landscape
<i>Tools for data processing</i>	Excel file
<i>Estimated volume of data</i>	<100Mo
<i>Existing publications related to this dataset</i>	No publication at the moment
<i>Re-use of existing data</i>	No existing data reused
<i>Intended future uses</i>	Possibility of reuse by researchers for closed research questions to compare data and results
<i>Users of data</i>	Scientific community

Standards and metadata

<i>Metadata standards</i>	Crop ontology, Darwin core, eml
<i>Data format</i>	Excel, txt, jpg
<i>File management</i>	File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Clémentine Alinne
<i>Person in charge of the data analysis</i>	Clémentine Alinne
<i>Intellectual property rights</i>	CIRAD
Aspects éthiques	

Data sharing, diffusion and reuse

<i>During the project</i>	Shared with project partners
<i>After the project</i>	Dataverse
<i>Type of license</i>	https://creativecommons.org/choose/?lang=fr (aller choisir votre licence)
<i>Data repository</i>	Dataverse
<i>Data identifier</i>	DOI Cirad
<i>Dissemination date</i>	
<i>Data reading</i>	
<i>Sensitive data</i>	

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer
<i>preservation, localisation</i>	Dataverse
<i>Recommended lifetime</i>	
<i>Final volume of archived data</i>	<100Mo
<i>Data to be destroyed</i>	no
<i>Name of person in charge of archiving and preservation</i>	Dataverse Administrator ?

N4 Nicaragua Follow-up co-design UCA

Dataset(s) description

<i>Dataset description</i>	Data on about 30 producers over 1 year, type characterization of shade: impact on aladies and pests, fertility and production. Observations (counts, ..) made by producers. Measures simpler than Camille proctocole. Soil analysis.
<i>Nature of the dataset</i>	Surveys and observations
<i>Method of production</i>	Surveys protocols
<i>Tools for data processing</i>	Excel
<i>Estimated volume of data</i>	<100Mo
<i>Existing publications related to this dataset</i>	No publication at the moment
<i>Re-use of existing data</i>	No existing data reused
<i>Intended future uses</i>	Possibility of reuse by researchers for closed research questions to compare data and results
<i>Users of data</i>	Scientific community

Standards and metadata

<i>Metadata standards</i>	DDI
<i>Data format</i>	Excel, txt
<i>File management</i>	File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Clémentine Alline
<i>Person in charge of the data analysis</i>	Clémentine Alline
<i>Intellectual property rights</i>	Accord Cirad - partenaire du Nicaragua ?
<i>Aspects éthiques</i>	Protocol to manage personal data (anonymization?)

Data sharing, diffusion and reuse

<i>During the project</i>	Shared with project partners
<i>After the project</i>	Dataverse
<i>Type of license</i>	https://creativecommons.org/choose/?lang=fr (aller choisir votre licence)
<i>Data repository</i>	Dataverse
<i>Data identifier</i>	DOI Cirad
<i>Dissemination date</i>	
<i>Data reading</i>	
<i>Sensitive data</i>	

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer
<i>preservation, localisation</i>	Dataverse
<i>Recommended lifetime</i>	
<i>Final volume of archived data</i>	<100Mo
<i>Data to be destroyed</i>	no
<i>Name of person in charge of archiving and preservation</i>	Dataverse Administrator ?

C1 Cameroon – Cocoa agroforestry systems chronosequences

Dataset(s) description

<i>Dataset description</i>	Biophysical variables, harvested between 2015 and 2018, on 42 samples, 1 sample = a plot of 800 m ² cocoa agroforestry system, single catch data (1 data per plot per variable): biomasses of several compartments, diversity and species specific richness, Cocoa yields, measurements of functional features (tree leaves), cocoa architecture (typology), soil physico-chemical analysis (0.15 and 15-30 cm). Thèse A Nijmeijer (autre projet : SAFSE)
<i>Nature of the dataset</i>	fields measurements and observations
<i>Method of production</i>	Experimental design
<i>Tools for data processing</i>	Excel
<i>Estimated volume of data</i>	<1Go
<i>Existing publications related to this dataset</i>	Nijmeijer, A., Lauri, PE, Harmand, JM, Saj, S., 2018. Carbon dynamics in cocoa agroforestry systems in Central Cameroon : afforestation of savannah as a sequestration opportunity. Agroforestry Systems. Online Nijmeijer, A., Lauri, PE,, Harmand, JM,, Freschet, GT., Essobo-Nieboukaho, JD., Fogang, PK., Enock, S., Saj, S., 2019 Long-term dynamics of cocoa agroforestry systems established on lands previously occupied by savannah or forests. Agriculture, Ecosystems & Environment 275, 100-111
<i>Re-use of existing data</i>	No existing data reused
<i>Intended future uses</i>	Possibility of reuse by researchers for closed research questions to compare data and results
<i>Users of data</i>	Scientific community

Standards and metadata

<i>Metadata standards</i>	Darwin core, eml
<i>Data format</i>	Excel, txt
<i>File management</i>	File management is unique to each researcher

Responsibilities, intellectual property rights

<i>Person in charge of the data collection</i>	Stéphane Saj
<i>Person in charge of the data analysis</i>	Stéphane Saj
<i>Intellectual property rights</i>	CIRAD
Aspects éthiques	The anonymity of the owners of the agroforestry systems studied must remain guaranteed.

Data sharing, diffusion and reuse

<i>During the project</i>	Shared with project partners
<i>After the project</i>	Dataverse

<i>Type of license</i>	
<i>Data repository</i>	Dataverse
<i>Data identifier</i>	DOI Cirad
<i>Dissemination date</i>	2029
<i>Data reading</i>	
<i>Sensitive data</i>	Not but the anonymity of the owners of the agroforestry systems studied must remain guaranteed.

Archiving and preservation (including storage and backup)

Storage and backup during the project	Personal computer
<i>preservation, localisation</i>	Dataverse
<i>Recommended lifetime</i>	20 years
<i>Final volume of archived data</i>	<100Mo
<i>Data to be destroyed</i>	no
<i>Name of person in charge of archiving and preservation</i>	Benedicte Ohl, benedicte.ohl@inra.fr

External Data set description list

Please list and describe any existing datasets which will be used for the research to be carried out (third party data sources). Please also identify any specific issues relating to access to these data and how you will overcome any difficulties.

Dataset name	Persistent identifier	Dataset description	Source of data	Access issues
Exemples :				
NBN Gateway	https://doi.org/10.1007/001	Species and habitat data, including National Vegetation Classification, Phase 1 Habitat Classification	National Biodiversity Network	Full access allowed through www.searchnbn.net
Land Cover Map 2000 (LCM2000)		Satellite derived remote-sensed datasets providing broad habitat definitions. GIS vector (polygon) dataset at 0.1m resolution.	Centre for Ecology & Hydrology	Forest Research have licence agreement
National Inventory of Woodland and Trees		Derived from LCS88 dataset plus updated to 1995 from Forestry Commission sources; provides info on broadleaved/conifer woodland > 2ha and small woods and trees (0.1-2ha)	Forestry Commission	Full access as part of Forestry Commission
Incidence of reported zoonotic disease		Actual cases of Lyme disease and unconfirmed cases; if possible to be used as patient sample	Health Protection Agency	Potential confidentiality issues

DMP information

Label	Date	Author and affiliation	Comments
1ère version du PGD <i>First DMP version</i>	2017/07/10	Auzoux Sandrine, UR Aïda, CIRAD	Description générale des jeux de données produits
2ème version du PGD (1.5) <i>2nd DMP version</i>	06/05/20	Auzoux Sandrine, Naudin Krishna, UR Aïda, CIRAD With contributions from : Aude Ripoché, CIRAD Patrice Autfray, CIRAD Jean-François Béliers, CIRAD Patrice Autfray, CIRAD Olo Sib, CIRDES Patrice Kouakou, CIRAD	PGD par jeux de données

		Der Dabiré, CIRDES Béatrice Rhino, CIRAD Karel van den meersche, CIRAD Martin Notaro, Doctorant CIRAD Clémentine Allinne, CIRAD Stéphane Saj, CIRAD	
3ème 3 rd ,			