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Community Forestry – Data collection, visualization, and analytics application

IFRI is developing an integrated application for data on community forestry which will enable users to input data on a short but critical list of factors and outcomes, and then visualize and analyze their data embedded in a global database of community forestry cases.
The data entry application can be found here:
https://enketo.ona.io/x/#Y1zT
A short manual in English is being prepared and will be available shortly. The user can collect and enter information on the variables listed in the form. The case will be assigned a Unique ID and will be stored in a global database that allows the user to compare the outcomes and factors related to their cases to other cases in the global database.

The prototype for the data visualization application can be found here:
https://chhatre.shinyapps.io/ifri_app/
The application displays the comparative position of individual cases against the distribution of selected variables in a global database. The application will be pre-loaded with data from all the available IFRI cases, which allows for comparison. Importantly, the user can select not only the variables for comparison, but also the set of cases against which he/she wishes to compare the case. At present, these comparison sets are given (continent, forest size class, etc.), but further development of the application will include the facility for a user to build their own sets of cases for comparison. Similarly, future releases will also allow the user to select multiple cases simultaneously, instead of the one case in this prototype.

The two applications – data entry and visualization – are linked together, so that when data is entered into the former for a new case of community forestry, the case will be assigned a Unique ID and will be integrated into the visualization application automatically.

In addition, we are also developing a prototype for data analysis, especially focusing on user-driven regression modeling, model diagnostics, and visualization of results. A user will be able to build regression models for selected response variables or outcomes (Change in Tree Density, or Species Diversity) by selecting from a list of predictor variables. The model results will be available as a table and visualized to display effect size and significance. A separate visualization will display diagnostics, both for the individual predictor variables and for the model as a whole.

ID-RECCO database

You can access **freely** the recently updated database of REDD+ projects at: www.reddprojectsdatabase.org

ID-RECCO is a project from the Climate Economics Chair (Paris-Dauphine university, France), CIRAD (Montpellier, France) and IFRI (University of Michigan, United States). It aims at improving knowledge on REDD+ projects by centralizing data on REDD+ projects, with up to 110 variables per project, and organizing these data in a format adapted to research purposes and global analyses.As of September 2016, the ID-RECCO database contains 454 projects (of which 344 have been identified as active, 67 were completed before 2016 and 43 have not been implemented yet or have been discontinued), located in 56 countries.

You can consult our map of projects and list of projects. Data downloading is available after registration/login.

ID-RECCO is a collaborative work tool: all users are invited to contribute to the improvement of data reliability and data availability. To report an error, mention a new project or provide additional information on a project, please contact us.

Please cite this database as: Simonet G., Agrawal A., Bénédet F., de Perthuis C., Haggard D., Jansen N., Karsenty A., Liang W., Newton P., Sales A-M, Schaap B., Seyller C., (2016) ID-RECCO, International Database on REDD + projects, linking Economic, Carbon and Communities data, version 2.0 http://www.reddprojectsdatabase.org.

DAUPHINE UNIVERSITÉ PARIS
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IFRI

IFRI Dataset

The International Forestry Resources and Institutions (IFRI) research program was founded in 1992 by ElinorOstrom and her colleagues at Indiana University. IFRI focuses on how local groups, communities, and indigenous populations manage and govern their forests and trees. IFRI seeks to provide scholars, policy makers, activists, indigenous groups, and communities with systematic information and research findings about how people interact with forest resources at the community level and with what effect. Since the early 1990's, IFRI researchers have used a common set of research protocols and questionnaires to collect information about the demographic, socioeconomic, institutional, and other attributes of the relationship between forests, the communities that depend on them, and the institutions used to manage them. These rigorous field measurements and research efforts have created a unique database on forest use, governance, and how variations in human-environment interactions lead to different social and ecological outcomes related to forest systems.

IFRI data is useful for understanding how community efforts to use, manage, and protect forests lead to different livelihood strategies, carbon storage, and biodiversity outcomes in community forests. IFRI researchers, distributed across the human-dominated forested landscapes of East Africa, South and Southeast Asia, and Latin America have used the data collected over nearly 25 years to identify the characteristics of successful forest use. Members of the IFRI network also believe that sharing these data more widely with the community of scholars and practitioners interested in community forestry will support the goal of improving knowledge and decision making for community forest leaders, policy makers, practitioners, and others interested in such forests.

This online version of the IFRI database contains a subset of the most important IFRI research variables with broad relevance to those interested in community forests. We invite you to explore and use IFRI data, and to please contact us with questions or comments about the IFRI program or this database.

You will be able to accesss the dataset and codebooks**freely** at: ifriresearch.net on December 12, 2016.All print and online publications that use IFRI data should acknowledge use by citing the dataset and this codebook as follows:

Database:

Ostrom, E., Huntington, H., Andersson, K., Banana, A., Castallenos, E., Chhatre, A., England, J., Ghate, R., Gombya-Ssembajjwe, W., Karna, B., Leon, R., Liang., W., Marquez, L., Mereno, L., Newton, P., Persha, L., Tatomir, J., Salk, C., Tucker, C., Agrawal, A. 2016. IFRI dataset, Online version. 1st edition.

Codebook:

Huntington, H., Liang, W., Rice, M., Wilson, S.J., Agrawal, A. 2016. IFRI codebook, Online version. 1st edition.