

Title: Household Energy, Biomass Sustainability, and Land Cover Change

Time/Date: Feb 9, 2022 8:00 AM - 9:30 AM Mountain Daylight Time (MDT) 3:00 PM – 4:30 PM
Coordinated Universal Time (UTC)

Questions not answered as part of the live webinar. Note - some questions were modified to aid in clarity or to combine multiple similar questions.

Question: Does the model capture details like preference for hardwood over softwood fuels or preference for species (e.g., straight grain easier to split for fuel)? Is there an ability to include woody biomass oriented to other uses (timber for example)?

Response: No, it can be done but the needed info about species distributions is mostly lacking at MoFuSS scale of analysis. Its doable for particular case studies: charcoal production in Kenya's dry forests. The second question is a big no. We discuss this with Werner Kurz and we both concluded that for other uses, a new model from scratch must be built, and vice versa (Werner previously tried to accommodate fuelwood use in Mexico into his Canadian forests models and failed).

Question: How does your model deal with uncertainty in input data, from the amount harvested to regrowth rates?

Response: By means of monte carlo simulations that will run the model many times varying input parameters

Question: When will the general public be able to use this data and the models developed as part of this work?

Response: End of 2022 we should have 6 countries ready to be queried on the MoFuSS web-based platform: www.mofuss.unam.mx

Question: Should the model developed as part of this work (MoFuss) be used to calculate fNRB, instead UNFCCC methodology (Tool 30)?

Response: YES! That's the whole point of it. For the first six countries it will be ready this year.

Question: Can you expand a bit more on how you achieve your tracking and activity data? Do you have any concerns regarding if the people who are willing to be tracked may not represent the "average" person?

Response: There is no serious bias in the selection of volunteers using the gps data loggers, but when using them, it sometimes affects their daily activities. The most frequent problem we found in Honduras, Malawi and India is that some of them go more often to collect fuelwood when using the gps, to help with the experiment.

Question: Will the contents of this webinar be made public?

Response: A recording of the webinar will be available on the ASHES website (<https://ashes-csu.org/>). You can find a recording for this webinar as well as previous ASHES webinars at <https://ashes-csu.org/#resources>.