Objectives and structure

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MoFuSS v1.0 Training Course 2016
El Jadida, Morocco September 3-4
www.mofuss.unam.mx/course-2016/

Objectives

- Train up to 15 people in woodfuel modeling techniques using available data, freeware and cloud computing.
  - To better understand where and when woodfuels could be a driver of forests and woodland degradation in terms of aboveground biomass density.
  - Serve as a decision making tool, informing local policy makers and practitioners working in the field.

Objectives

❧ **Course is based on a modeling tool (named MoFuSS – version 1.1) previously developed for one of GACC's project 2013-2015:** *Geospatial Analysis and Modeling of Non-Renewable Biomass: WISDOM and beyond.*

Materials

❧ Materials are available from:

- www.mofuss.unam.mx/course-2016/materials.html

- USB flash drive

- On demand:
  - Google Drive, Dropbox, Box, OneDrive

Background paper

- Ghilardi, A., Bailis, R., Mas, J.F., Skutsch, M., Elvir, J.A., Quevedo, A., Masera, O., Dwivedi, P., Drigo, R., Vega, E. **Spatiotemporal modeling of fuelwood environmental impacts: towards improved accounting for non-renewable biomass** (2016) Environmental Modelling and Software, 82, pp 241-254.

- Available at: http://www.mofuss.unam.mx/course-2016/material.html

Schedule

Time	Activity
8:30 – 9:00	Registration
9:00 – 9:05	Course objectives and structure
9:05 – 9:45	Modeling woodfuel environmental impacts in dynamic landscapes
9:45 – 10:00	Installation of MoFuSS
10:00 – 10:30	How does MoFuSS work?
10:30 – 11:00	Run MoFuSS for a very small sample study area using the user-friendly interface; in order to clear out any bugs related to configuration[1]
11:00 – 11:15	Coffee break
11:15 – 14:00	Re-run MoFuSS for a "not-so-small" area, while understanding each tunable parameter within the user-friendly interface
14:00 – 15:00	Lunch break
15:00 – 15:30	Solve particular doubts and bugs from the previous exercise
15:30 – 16:45	Demonstration on how to use MoFuSS beyond level 3: adjusting most built-in parameters, adding own maps and datasets, and affecting inner geoprocessing operations
16:45 – 17:00	Closing remarks

Survey & Certificates

- Online survey about the course – to improve future versions

- Certificates of attendance will be send as pdf to your email once you completed the course (no hard copies)

Keep in touch!

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