

LandCover6k Meeting minutes March 30th 2021

Present: Jennifer Bates, Andria Dawson, Marie-José Gaillard, Esther Githumbi, Marco Madella, Stefania Merlo; Kathy Morrison, Chad Hill

Absent: Emily Hammer, Sandy Harrison, Furong Li, Marc Vander Linden, Nicki Whitehouse

Invited collaborators, present: Lynn Welton

Invited collaborators, absent: Dan Lawrence, Beni Stocker (MJ missed to invite Beni; apologies!!!)

Invited core-group members, present: Erle Ellis (left after point 1), Jed Kaplan (morning meeting with MJG), Kees Klein Goldewijk

Invited core-group members, absent: Victor Brovkin, Anne Dallmeyer, Boris Vannière

1. Overview/summary of products/achievements at the end of LandCover6k WG and WG's future

a. what is the FOCUS over the coming months (MJ's view; ALL; discussion)

See attached ppt file; the presentation was commented by MJ and confirmed/corrected by all participants. The document was useful for the annual report to PAGES due March 31st 2021.

b. Future (MJ's general info; discussion)

Here Marie-José just reminded the CG that it is up to them and their networks to decide about next steps to take in terms of new networks/working groups/others. Marie-José informed already 2019 about her leaving PAGES and any other network activities from 2021-2022. She is open to attend meetings initiated by CG members and others on the future of the LandCover6k community, but only if this is found necessary/valuable! Plans were discussed over the last year within both the "archaeo/land-use group" and "palaeo/land-cover group". The "land-use group" has come longer in their plans.

Decision: MJ contacts again LandCover6k palaeoecologists to remind them about the above

Erle Ellis commented shortly point 1 before leaving the meeting. He welcomed all products from LandCover6k and encouraged publication and data sharing as soon as possible. He also asked whether there would be a global product at the end of the working group activity. Kathy Morrison et al. foresee a global product for some of the archaeology-based products, such as the Per-Capita Land-Use Estimates (PCLUs). In terms of the pollen-based REVEALS estimates of plant cover (openland cover in particular), a global product will not be achieved at the end of 2021 due to the late development of model application in the tropics and subtropics. Progress is made in some areas (S China, SE India, W and S Africa, Brazil), but there is still a lot of work ahead to achieve large-scale REVEALS reconstructions. The final REVEALS product will cover the N Hemisphere's boreal and temperate zones with the addition of the Mediterranean area. The REVEALS estimates for the subtropics and tropics will only be tentative and for restricted regions in S China, SE India and W Africa.

- **2. Updates land-use and land-cover on activities**, publication status, etc, if not taken up under point 1

Everything was covered under point 1a above

- **3. Data Sharing and Publication Policy**

Marie-José reminded about the document and suggested that it is REVISITED. It was meant to be a living document and it is still time to do revisions if necessary. This document can still be very useful for future collaborations in which the LandCover6k products are used.

Decision: MJ sends the current version of the document and ask for comments before next meeting. Might be a point of discussion at a next meeting if necessary.

- **4. Last LandCover6k meeting/Conference in Philadelphia** this year: latest status

The meeting dates are December 2nd-4th 2021; it will be a hybrid physical and virtual meeting; the structure was briefly discussed. A suggestion is to have virtual sessions online in the morning (Philadelphia time) for Europeans and Chinese to attend, and afternoon sessions (Philadelphia) mainly for people on site, but possibility to attend for Europeans and Chinese (although it will be evening-night for them....). The organizers (Kathy, Chad, Jennifer) wish that the meeting is organized with ideas from us all (bottom up process).

Decision: An information message will soon be sent around with details on registration and a call for ideas and wishes from the LandCover6k members in terms of structure and content of the meeting.

- **5. Annual Report to PAGES** (deadline March 31st 2021) - in case there are any questions left on MJ's side

Everything was covered above.

Decision: MJG finalize the report and submit it.

- **6. PAGES Call: "Data Stewardship Scholarship** (deadline April 12th 2021, annual support of US \$5000 to US \$15,000)"

After a short discussion, Kathy suggests that those that need it most should apply, i.e. the "land-cover activity"

Decision: Andria, Esther, and MJ look into it and apply if possible. MJ sends the link to Andria and Esther.

- **7. ALL** (any other info/update from each of us) (+ updates from meeting with Jed and Furong via MJG)

Furong could not make the meeting. Jed sends his greetings and says he is still willing to work with the global PCLUs once he receives the data. MJ and Jed had a discussion on possible ways to use all the potentials of REVEALS estimates of plant cover in KK and HYDE. MJ has a discussion on this issue with Kees on March 31st.

- 8. Next meetings

THURSDAY JUNE 24th, FRIDAY October 1st, TUESDAY NOVEMBER 30th

Additional meetings might be scheduled IF NECESSARY!

MJ Gaillard, April 6th 2021