



Activity report of the Scientific and Technical Committee of the 4p1000 initiative

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STC compositional changes

Retired STC members

- M. Kaonga (Zambia)
- B. Saoudi (Morocco)
- D. Whitehead (New Zealand)
- M. Garcia Cardenas (Bolivia)

New STC members

- B. Minasni (Australia)
- S. Sall (Senegal)
- A. Fuentes Espinoza (Chile)
- C. Varela Ortega (Spain)



Maintaining gender and regional balance, while increasing socioeconomic competences

2 Virtual meetings (June and November 2020)





Expertise at the science policy interface

Participation as authors and reviewers:

- «The Technical Manual on SOC Management» by Global Soil Partnership
- GSOC-MRV PROTOCOL
- Technical Specifications and Country Guidelines for the GSOC Sequestration Potential MAP.
- Protocol for the assessment of sustainable soil management practices

Joint submissions to Koronivia workshops (prosponed to 2021)

- topic 2e) on livestock management
- topic 2f) Socioeconomic and food security dimensions of climate change in the agricultural sector





Organisation of a MRV and finance for soil carbon webinar (10.09.20)

<https://www.youtube.com/watch?v=LEyQrk80bmM>

co-organized by

- CCAFS-CGIAR, The Nature Conservancy, 4 per 1000, World Bank and the Meridian Institute.
- Purpose: support investment-oriented actions promoting soil health and carbon storage by improving the accounting of soil carbon sequestration.
- How can soil carbon accounting improve to support investment-oriented actions promoting soil health and carbon storage?

1000 participants registered





Strategy and outreach of the 4p1000 initiative

Strategy of the 4p1000 initiative

- Participation in the Delphi study
- Provision of scientific advice concerning the vision, mission and objectives

Outreach

- A second call of formative project assessment was launched. 14 land management projects from different regions of the world have been assessed by STC members.
 - Participation/organisation of a 4p1000 introductory workshop in Latin-America and the Caribbean, which will take place online (16.12.20)
- ➡ inform and gather multistakeholder consortia to develop 4p1000 projects
- ➡ attract funders



Resolving the 4p1000 scientific controversy

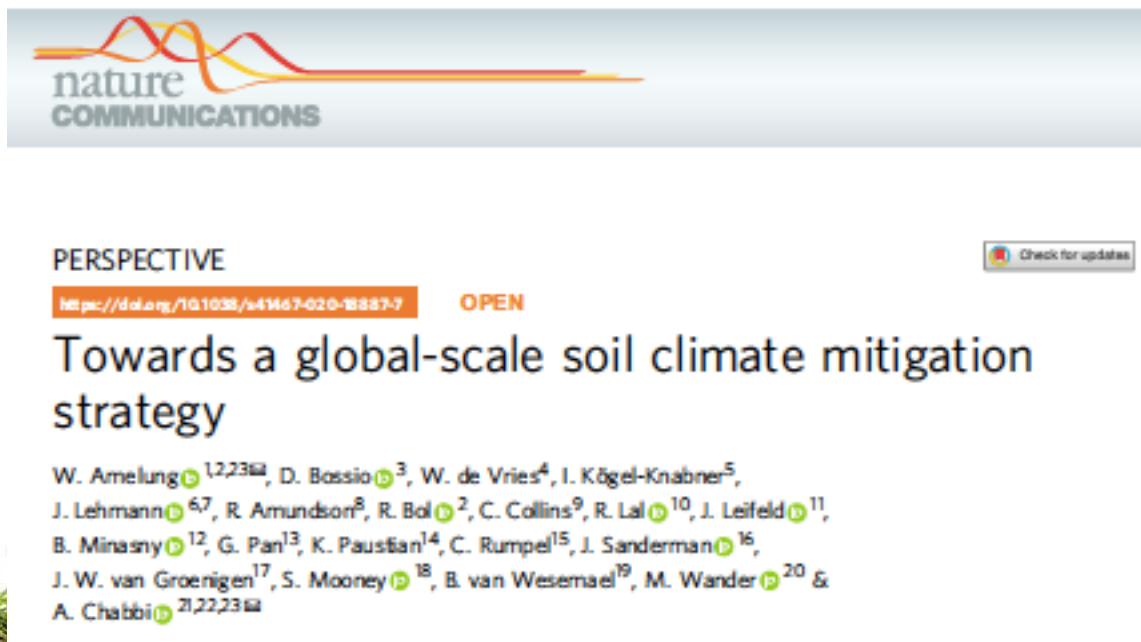
Re-framing the 4p1000 goal

Identification of barriers and solutions



Rumpel, C. et al., 2020 a and b A full paper and a comment

Participation in a consensus paper of the scientific community coming out of a 4p1000 conference organised with input from the STC in Poitiers, France (June 2019)



Organisation of a special issue on region-specific sustainable agricultural practices to increase SOC



5 regions are considered (41 intentions to contribute)

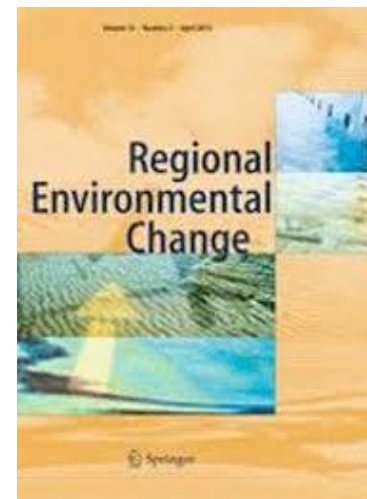
America (11 papers)

Africa (7 papers)

Asia (7 papers)

Oceania (5 papers)

Europe (10 papers)



Deadline over (31.10.20) – late submissions possible

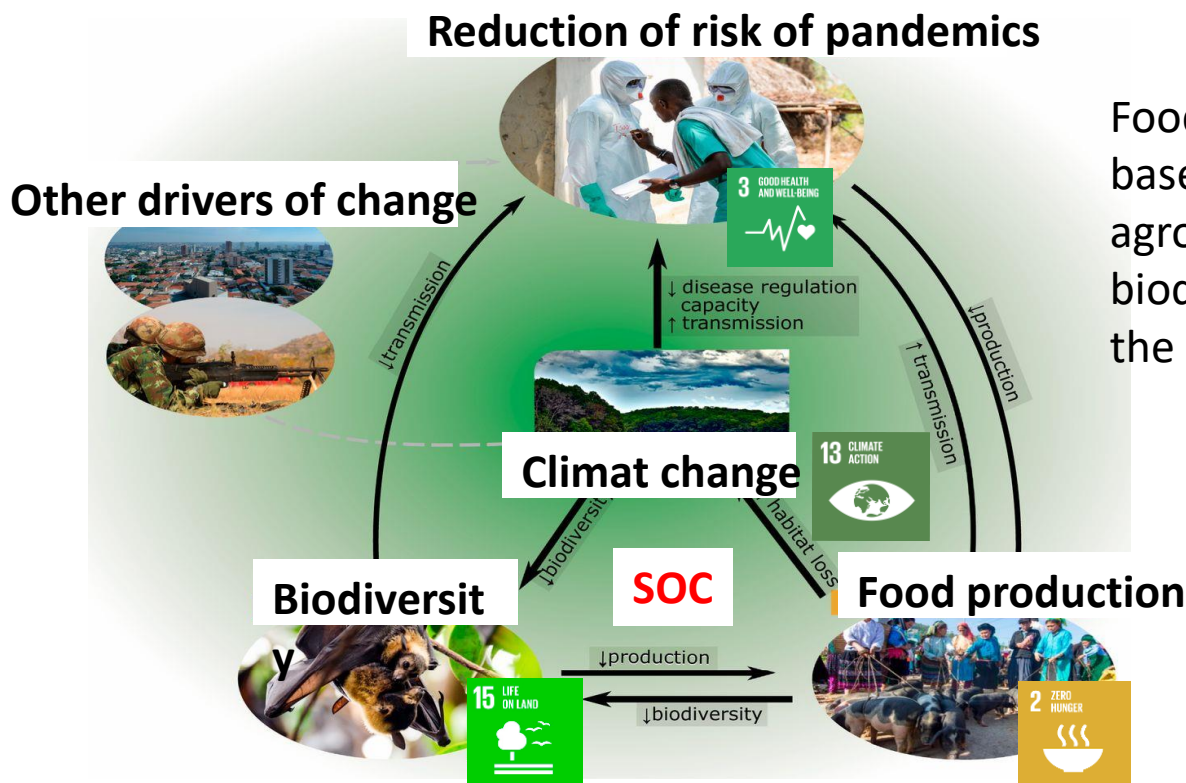
STC members are busy with handling and reviewing manuscripts

Expected publication: summer 2021

- ➡ Important knowledge gathering – synergy with GSP practical manual
- ➡ Highlight region-specific conditions and the potential for appropriate actions



Contribution to discussion of actions in relation to the COVID-19 crisis



Food production should be based on healthy soils and agro-ecosystems with high biodiversity in order to limit the risks of pandemics

➡ Sustainable agricultural practices leading to improved SOC management are essential

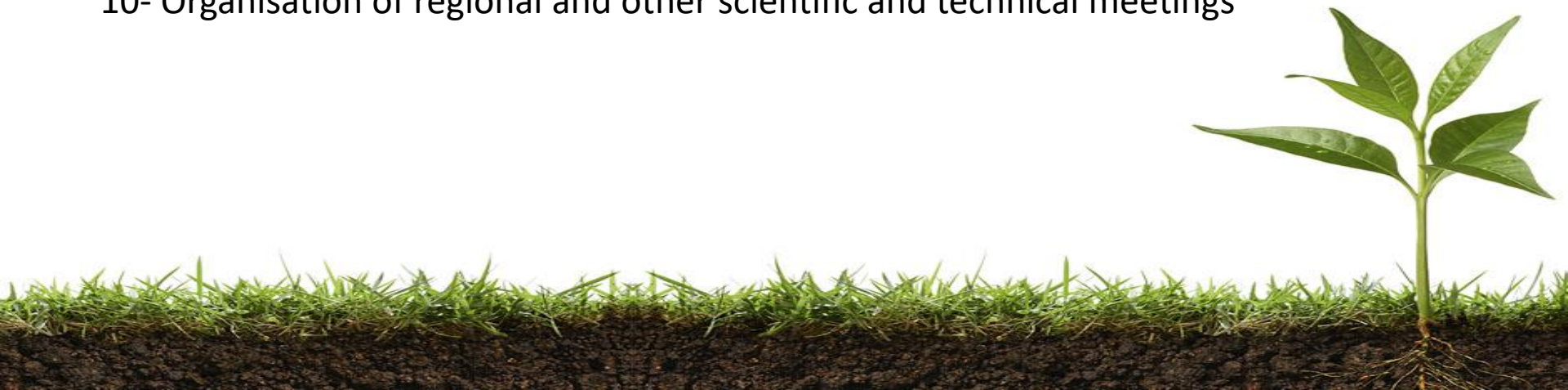
Di Moreno et al., 2020, PNAS, modified

Oral presentation at AGU



Action plan for 2021

- 1- Participation and scientific advice in the Delphi Study
- 2- Elaboration of a strategy to publish the results of the Delphi Study
- 3- Writing of opinion papers
- 4- Finalization of special issue (to be published 2021)
- 5- Update Criteria and Indicators and improve assessment procedure
- 6- Update Research priorities in synergy and led by CIRCASA project
- 7- Identify best projects submitted to last 2 calls to give recognition
- 8- Continue working with GSP
- 9- Participate in Koronivia submissions
- 10- Organisation of regional and other scientific and technical meetings





Special thanks to:

The scientific community

The stakeholders and project holders

The farmers

The Bureau members

Paul Luu and the executive secretariat

Thank you for your attention!

