Edit me to practice contributing to a collaborative Manubot manuscript

test edit - hello world. This manuscript (<u>permalink</u>) was automatically generated from <u>manubot/try-manubot@3554763</u> on May 29, 2025.

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Abstract

TEST

This manuscript is a Manubot demo, intended to give users a playground to practice using Manubot. Everyone is encouraged to try writing with Manubot by editing this manuscript.

Manubot is described in the paper titled "Open collaborative writing with Manubot" [1].

Main text

Lorem ipsum text [2] is a strong introduction for any manuscript.

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Manubot makes it easy to cite this manuscript [3]. It has been used to write several manuscripts that are now preprints on *bioRxiv* [4,5,6,7]. Notice that only [6] has the correct name of the preprint server. Manubot allows authors to overwrite reference information, in this case with a BibTeX file.

Lorem ipsum also makes a strong conclusion [8] here is another reference to see if duplicate references are picked up by the program if the second author uses a different identifier for the same reference like here with the immediately preceding reference [9]. Did it work?

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I'm wondering about how editing this file works within the web browser.

Testing inserting a reference Note that some buffers can potentially introduce modifications onto proteins such as carbamylation from urea at high temperatures [10,11].

Trying with references again [12]

The objectives of the action plan for each sector are as follows:

Development sector	Specific objectives of action plan
Agriculture	SO 1: Recuperate and restore the fertility of degraded land
	SO 2: Improve access for farmers to high quality agricultural production factors (equipment, inputs, land, results of agricultural research etc.)

Development sector	Specific objectives of action plan
	SO 3: Improve the resilience of stakeholders to climate change}
	SO 4: Develop early warning systems to ensure efficient management of climate variability and change
Animal production	SO 1: Improve the security of pastoral activities through better dissemination and exploitation of information on pastoral resources and associated access
	SO 2: Ensure the security of animal capital with a view to supporting the pastoral economy on a sustainable basis and improve the resilience of stakeholders in order to achieve sustainable food security in Burkina Faso
	SO 3: Reduce the vulnerability of farmers to climate change and contribute to local economic development
Environment and natural resources	SO 1: Increase productivity and the resilience of ecosystems
	SO 2: Improve biodiversity conservation
	SO 3: Improve research and ecological monitoring
	SO 4: Reduce GG emissions
Energy	SO 1: Reduce the impact of climate change on the energy sector
	SO 2: Ensure a sustainable supply of energy for cooking
	SO 3: Reduce electricity consumption
	SO 4: Gain more knowledge into the impact of climate change on the energy sector
Health	SO 1: Ensure leadership and governance in terms of adapting to the impacts of climate change on the health sector
	SO 2: Increase human resources in the health sector skilled in adapting to the effects of climate change
	SO 3: Improve the early warning system and the response to climate change-related phenomena
	SO 4: Adapt health infrastructure to the effects of climate change
	SO 5: Improve research in the field of climate change
Infrastructure and housing	OS 1: Promote access to decent accommodation for disadvantaged social groups by providing rental accommodation, supporting DIY construction and building social housing stock

Development sector	Specific objectives of action plan
	SO 2: Provide public facilities and road, water and rain and waste-water drainage infrastructure which is practical and resilient through good design/implementation and good maintenance
	OS 3:Turn the towns of Burkina Faso into hubs of economic growth and sustainable development by promoting a green economy
Horizontal issues	SO 1: Help to improve mastery of environmental problems and climate change by members of women's associations
	SO 2: Help to improve the resilience of members of women's associations by implementing revenuegenerating activities
	SO 3: Develop adaptation technologies which take account of the conditions in women's associations on the basis of traditional knowledge
	SO 4: Improve the contribution of NGOs to better governance in implementing the NAP/CC in Burkina Faso
	SO 5: Ensure the sustainability of civil society initiatives in climate change adaptation
	SO 6: Help to improve public involvement in the process of reflection, analysis and decision-making in connection with climate change adaptation by producing, disseminating and making efficient use of information originating from innovative CSO experiences.
	SO 7:Improve the mobilisation and exploitation of water resources* *
	SO 8: Improve conservation and protection of water resources
	SO 9: Improve knowledge about (surface and, more importantly, underground) water resources in the context of climate change
	SO 10: Improve access to sanitation

The global NAP for the country as a whole can be summarised as follows:

ADAPTATION OBJECTIVES: Protect accelerated growth pillars	ADAPTATION MEASURES AT SHORT, MEDIUM AND LONG-TERM
Agriculture	- Cultivate early varieties or drought-resistant crops (Short) - Apply water and soil conservation methods (stone barriers, small dikes, filtering dikes, terraces, half moons, agroforestry, dune fixing etc.) (Short) - Promote sustainable land management (SLM) (Medium) - Improve access to climate information (Medium) - Introduce agricultural insurance (Long)

ADAPTATION OBJECTIVES: Protect accelerated growth pillars	ADAPTATION MEASURES AT SHORT, MEDIUM AND LONG-TERM
Livestock farming	- Fight bush fires in order to prevent destruction [13] of dry-season grazing reserves- Adopt best animal husbandry and pastoral practices (pastoral hydraulics, pastoral resource management, pasture mowing and conservation, pasture crops, silage, animal mobility and transhumance etc.) - Ensure stakeholders take account of climate variability in development project and programme planning by improving their skills - Preserve cattle breeding at serious risk from climate variability - Ensure farmers adopt animal production methods adapted to a hot climate

I wonder what happens if I do hto

Great Idea!

Testing some identifier types [14] and [15] and [16]

References

1. Open collaborative writing with Manubot

Daniel S Himmelstein, Vincent Rubinetti, David R Slochower, Dongbo Hu, Venkat S Malladi, Casey S Greene, Anthony Gitter

Manubot (2020-05-25) https://greenelab.github.io/meta-review/

2. <i>Lorem ipsum</i>

Wikipedia

(2025-05-26) https://en.wikipedia.org/w/index.php?title=Lorem_ipsum&oldid=1292278557

3. Edit me to practice contributing to a collaborative Manubot manuscript

John Doe, Jane Roe

Manubot (2024-11-08) https://manubot.github.io/try-manubot/

4. GimmeMotifs: an analysis framework for transcription factor motif analysis

Niklas Bruse, Simon J van Heeringen

Cold Spring Harbor Laboratory (2018-11-20) https://doi.org/gfxrkc

DOI: 10.1101/474403

5. Plasmids for independently tunable, low-noise expression of two genes

João PN Silva, Soraia Vidigal Lopes, Diogo J Grilo, Zach Hensel *Cold Spring Harbor Laboratory* (2019-01-09) https://doi.org/gfs47c

DOI: 10.1101/515940

6. Scaling tree-based automated machine learning to biomedical big data with a dataset selector

Trang T Le, Weixuan Fu, Jason H Moore

bioRxiv (2018-12) https://www.biorxiv.org/content/10.1101/502484v1

DOI: 10.1101/502484

7. Genotyping structural variants in pangenome graphs using the vg toolkit

Glenn Hickey, David Heller, Jean Monlong, Jonas A Sibbesen, Jouni Sirén, Jordan Eizenga, Eric T Dawson, Erik Garrison, Adam M Novak, Benedict Paten

Cold Spring Harbor Laboratory (2019-06-01) https://doi.org/gf3jfm

DOI: 10.1101/654566

8. Hypothermic machine perfusion in kidney transplantation.

Julie De Deken, Peri Kocabayoglu, Cyril Moers

Current opinion in organ transplantation (2016-06)

https://www.ncbi.nlm.nih.gov/pubmed/26945319

DOI: 10.1097/mot.0000000000000306 · PMID: 26945319

9. Hypothermic machine perfusion in kidney transplantation

Julie De Deken, Peri Kocabayoglu, Cyril Moers

Current Opinion in Organ Transplantation (2016-06) https://doi.org/f8mswg

DOI: 10.1097/mot.0000000000000306 · PMID: 26945319

10. Inhibition of protein carbamylation in urea solution using ammonium-containing buffers

Shisheng Sun, Jian-Ying Zhou, Weiming Yang, Hui Zhang

Analytical Biochemistry (2014-02) https://doi.org/f5pjdg

DOI: 10.1016/j.ab.2013.10.024 · PMID: 24161613 · PMCID: PMC4072244

11. Pandora box of BCA assay. Investigation of the accuracy and linearity of the microplate bicinchoninic protein assay: Analytical challenges and method modifications to minimize systematic errors

Eduard Rogatsky

Analytical Biochemistry (2021-10) https://doi.org/gpvbj4

DOI: <u>10.1016/j.ab.2021.114321</u> · PMID: <u>34343481</u>

12. Inhibition of protein carbamylation in urea solution using ammonium-containing buffers.

Shisheng Sun, Jian-Ying Zhou, Weiming Yang, Hui Zhang

Analytical biochemistry (2013-10-23) https://www.ncbi.nlm.nih.gov/pubmed/24161613

DOI: 10.1016/j.ab.2013.10.024 · PMID: 24161613 · PMCID: PMC4072244

13. A primer on leading the improvement of systems

DM Berwick

BMJ (1996-03-09) https://doi.org/ddjp63

DOI: <u>10.1136/bmj.312.7031.619</u> · PMID: <u>8595340</u> · PMCID: <u>PMC2350403</u>

14. Gordonia otitidis NBRC 100426 (ID 76513) - BioProject - NCBI

https://www.ncbi.nlm.nih.gov/bioproject/?term=PRJDB3

- 15. **4DNES265ETYQ 4DN Data Portal** https://data.4dnucleome.org/experiment-set-replicates/4DNES265ETYQ/?redirected from=%2Fbiosources%2F4DNES265ETYQ
- 16. **GEO Contact login** https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GDS1234