

# Edit me to practice contributing to a collaborative Manubot manuscript

test edit - hello world. This manuscript ([permalink](#)) was automatically generated from [manubot/try-manubot@ac6b212](#) on September 1, 2021.

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## Abstract

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Manubot is an open source tool for writing manuscripts on GitHub in markdown format. Manubot applies the git-based software workflow to scholarly writing, enabling enhanced transparency, collaboration, automation, and reproducibility.

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/].

Test my understanding

Just a paper [2]

Manubot is described in the paper titled "Open collaborative writing with Manubot" [3/].

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

## Main text

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Manubot makes it easy to cite this manuscript [5/]. It has been used to write several manuscripts that are now preprints on *bioRxiv* [6,7,8,9]. Notice that only [8] 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 [10] 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 [11]. Did it work?

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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

Development sector	Specific objectives of action plan
	SO 2: Improve access for farmers to high quality agricultural production factors (equipment, inputs, land, results of agricultural research etc.)
	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
<b>Animal production</b>	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
<b>Environment and natural resources</b>	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
<b>Energy</b>	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
<b>Health</b>	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
<b>Infrastructure and housing</b>	OS 1: <b>Promote access to decent accommodation for disadvantaged social groups</b> 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
<b>Horizontal issues</b>	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 revenue-generating 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	<ul style="list-style-type: none"> <li>- Cultivate early varieties or drought-resistant crops (Short)</li> <li>- Apply water and soil conservation methods (stone barriers, small dikes, filtering dikes, terraces, half moons, agroforestry, dune fixing etc.) (Short)</li> <li>- Promote sustainable land management (SLM) (Medium)</li> <li>- Improve access to climate information (Medium)</li> <li>- Introduce agricultural insurance (Long)</li> </ul>

ADAPTATION OBJECTIVES: Protect accelerated growth pillars	ADAPTATION MEASURES AT SHORT, MEDIUM AND LONG-TERM
Livestock farming	<ul style="list-style-type: none"> <li>- Fight bush fires in order to prevent destruction <a href="#">[12]</a> 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</li> </ul>

I wonder what happens if I do hto

## References

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1. **Open collaborative writing with Manubot**  
Daniel S Himmelstein, Vincent Rubineti, David R Slochower, Dongbo Hu, Venkat S Malladi, Casey S Greene, Anthony Gitter  
*Manubot* (2020-05-25) <https://greenelab.github.io/meta-review/>
2. **Proteogenomics connects somatic mutations to signalling in breast cancer**  
Philipp Mertins, DR Mani, Kelly V Ruggles, Michael A Gillette, Karl R Clauser, Pei Wang, Xianlong Wang, Jana W Qiao, Song Cao, Francesca Petralia, ... Steven A Carr  
*Nature* (2016-06) <https://www.nature.com/articles/nature18003>  
DOI: [10.1038/nature18003](https://doi.org/10.1038/nature18003)
3. **mir-mohammad.github.io**  
mir-mohammad.github.io  
<https://mir-mohammad.github.io/>
4. **Lorem ipsum - Wikipedia** [https://en.wikipedia.org/wiki/Lorem\\_ipsum](https://en.wikipedia.org/wiki/Lorem_ipsum)
5. **Edit me to practice contributing to a collaborative Manubot manuscript**  
John Doe, Jane Roe  
*Manubot* (2021-08-15) <https://manubot.github.io/try-manubot/>
6. **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](https://doi.org/10.1101/474403)
7. **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](https://doi.org/10.1101/515940)
8. **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](https://doi.org/10.1101/502484)
9. **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* (2019-10-29) <https://doi.org/gf3jfm>  
DOI: [10.1101/654566](https://doi.org/10.1101/654566)
10. **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](https://doi.org/10.1097/mot.0000000000000306) · PMID: [26945319](https://pubmed.ncbi.nlm.nih.gov/26945319/)
11. **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](https://doi.org/10.1097/mot.0000000000000306) · PMID: [26945319](https://pubmed.ncbi.nlm.nih.gov/26945319/)

12. **A primer on leading the improvement of systems**

DM Berwick

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

DOI: [10.1136/bmj.312.7031.619](https://doi.org/10.1136/bmj.312.7031.619) · PMID: [8595340](https://pubmed.ncbi.nlm.nih.gov/8595340/) · PMCID: [PMC2350403](https://pubmed.ncbi.nlm.nih.gov/PMC2350403/)