

# Edit me to practice contributing to a collaborative Manubot manuscript

test edit - hello world. This manuscript ([permalink](#)) was automatically generated from [manubot/try-manubot@aa3660a](#) on March 31, 2021.

## Authors

---

- **John Doe**

 [XXXX-XXXX-XXXX-XXXX](#) ·  [johndoe](#) ·  [johndoe](#)

Department of Something, University of Whatever · Funded by Grant XXXXXXXX

- **Jane Roe**

 [XXXX-XXXX-XXXX-XXXX](#) ·  [janeroe](#)

Department of Something, University of Whatever; Department of Whatever, University of Something

## Abstract

---

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].

## Main text

---

Lorem ipsum text [4] is a strong introduction for any manuscript.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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?

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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

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	<p>- 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</p>

# 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. **Proteogenomics connects somatic mutations to signalling in breast cancer**

Philipp Mertins, D. R. 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

(2021-03-25) [https://en.wikipedia.org/w/index.php?title=Lorem\\_ipsum&oldid=1014157171](https://en.wikipedia.org/w/index.php?title=Lorem_ipsum&oldid=1014157171)

5. **Edit me to practice contributing to a collaborative Manubot manuscript**

John Doe, Jane Roe

*Manubot* (2021-02-20) <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 P. N. 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**

D. M 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/)