# Edit me to practice contributing to a collaborative Manubot manuscript

test edit - hello world. This manuscript (<u>permalink</u>) was automatically generated from <u>marcgarel/test\_manubot@3554763</u> on July 14, 2025.

#### **Authors**

- John Doe
- Jane Roe <sup>⊠</sup>

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

☑ — Correspondence possible via <u>GitHub Issues</u> or email to Jane Roe <jane.roe@whatever.edu>.

#### **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]

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