

Dear Kirsten,

many thanks for your feedback on our manuscript.

All of your minor comments have been acknowledged and the Introduction was revised according to your suggestions. All site description, incl. land-use history and current situation have been moved to the subsection "Study area" of the Methods section. To better streamline the contents and avoid lengthy paragraphs, we added a subsection "Target species", focused on *Saccharum biflorum*.

The author team holds the journal Biogeoscience in high regard, both for the transparency of the review process and for being a society-owned, transdisciplinary journal with an excellent reputation. Thank you for taking the time to process our manuscript!

Point-by-point reply

1. Introduction needs to summarize the state-of-the-art on the research subject/topic. In this case, fire ecology and fire effects in the context of island ecology and introduced plant species in abandoned field. It finishes with summarizing the objectives of this study, optionally providing an overview of how the manuscript is structured. Please revise the introduction section accordingly and move all site description, incl. land-use history and current situation to the subsection Study area of the Methods section.

The Introduction was revised according to your suggestions. All site description, incl. land-use history and current situation have been moved to the subsection "Study area" of the Methods section. To better streamline the contents and avoid lengthy paragraphs, we added a subsection "Target species", focused on *Saccharum biflorum*.

Minor comments:

1. Line 85: "Despite the occurrence of some natural factors favouring fires, most of them are ignited by men through carelessness or", change here to "ignited by humans".

done

2. Address gender-neutral language (cross-check throughout the manuscript, e.g. line 413)

done

3. find a more understandable term for "paroxysmal activity" in line 119

done