Review of: "Formal Verification of a Change Control Process in Project Management"

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Potential competing interests: No potential competing interests to declare.

- The article presents a well-detailed structure, but some points are worth evaluating.

- The bibliography is not current. I suggest including more recent references. Some references need to be revised, they are either not used (Bjørner, 06) or appear to be duplicated (Stackpole, 09).

- The sentence stating that "Formal Methods" are used to the exclusion of some items is confusing. Formal methods are not really being used to answer the stated objective. It also describes very well what formal methods are. It is more appropriate to speak of Formal verification than Formal Methods.

- At some point it seems that the explanation is confusing about the scope of the work. One thing is the change control process, and another thing is revisions.

- Some sentences are not clear:

   - .... because in practice it is very difficult to manually consider all the consequences of   both the internal or external normativity and the procedures...."

   - Actually, these activities are rarely performed manually, there are usually tools for this   purpose. This sentence does not seem to be justified. It could be because the literature   is old.

Other points to review.

- Figure 1: In some processes it is not displayed whether they are inputs or outputs.

- AC 4.4 < - > AC 4.5
- AC 4.3 < - > AC 4.5
- Example AC 4.2 < - > AC 4.5

- Reference is made to fig 2b, check if it is an error.

- Figure 4:

○ AC X.X type texts appear check if it is an error.

○ It appears that the part below the figure is incomplete.

In summary, and except for the points noted above, the process described is useful for controlling a change management process.

I hope these suggestions may be helpful.