

Review: Static behaviour of induced seismicity,

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Recommendation: The manuscript is suitable for publication in *Nonlinear Processes in Geophysics*. In this current version, the article is well written and concise. I saw the interactive review processes with the demands of the previous reviewers and I agree with the changes done by the author.

Summary: The Author presents an insightful discussion on the induced seismicity. He proposed a new model equivalent to the static stress model for tectonic foreshocks generated by Non-Critical Precursory Accelerating Seismicity Theory (N-C PAST). He develops a geometrical approach as a new and simpler alternative to the nonlinear diffusion dynamics in a poroelastic medium.

General Comments: I found the reading of this manuscript a very pleasant one: the theoretical problem is well posed; the hypotheses are clearly presented, as well as the goal of the analysis. The introduction of the geometrical approach is pretty convincing: it is well described and discussed. The results obtained by the application to the 2006 Basel EGS induced seismicity sequence seem to be in agreement with the data of the stimulation experiment.

Specific Comments:

- *I don't have any specific comments about the paper. The changes following the requests of the previous reviews seem to be well adequate.*