

Dear Editors,

Thank you for your positive feedback of our revised manuscript, “Models of buoyancy-driven dykes using continuum plasticity and fracture mechanics: a comparison”.

As requested, we have now incorporated references to the supplementary material within the manuscript. Specifically, we have made two additions:

- An in-text citation has been added to Section 3.1 (page 13), which now reads: “Figure 3(a) shows a snapshot of the porosity field from a representative numerical solution (see the video in the Supplementary Material).”
- A new ”Video supplement” section has been included on page 21 to introduce the animation.

Thank you again for your advice.

Sincerely,

Yuan Li & Co-authors