Response to reviewers:

Manuscript Number: materials-1173518

Title: Evaluation of dynamic properties of sodium-alginate-reinforced soil using a resonant-column test

Reviewer #2

No	Comment	Response
1	Change format Line 56- change the order of references Figure 1 a and b, remove the brackets from the y axis. Table 1, use the same precision for D60 and Cc Figure 3, mark the components on the photo of device line 136, close the bracket after the reference line 214 - correct to (2)	The following formats were changed by referring to the comments. **Line 56**-change the order : [2,21-23]. **Figure 1**-remove the brackets form the Y axis : G/Gmax **Table 1**- use the same precision for D60: 1.23, Cc:0.94, and specific gravity:2.61. **Figure 3**-Added the components on the photo of resonant column device. **Line 136**- close the bracket: [29-31] **Line 214**- correct to (2)
2	How was chosen the power-law model to determine the flow characteristics?	Since the sodium alginate solution exhibited non-Newtonian fluid behavior, The Power-law was used We added references for this ref) Belalia, F.; Djelali, N. E., Rheological properties of sodium alginate solutions. Revue Roumaine de Chimie 2014, 59, 135-145.
3	Lines 164-165, line 172-173, 236-238, 250- please reformulate the phrases. The results ...	**The results..** parts were deleted or corrected for intuitive explanation. **In the Line 164-165**, "The results of the resonant~ " and **Line 172-173,** "The results according to the viscosity of the SA~", only "The results" was deleted to distinguish them according to the two experimental conditions. **Line 236-238**, "The results of measuring the shear behavior and viscosity~" -> The shear behavior and viscosity~ corrected **Line 250**, "The shear-failure-mode test result was as follow." -deleted
4	Figure 12, make a), b) c) and d) visible on the pictures and use as references the letters in the caption of figure, instead of upper row ...	Corrected the **Figure 12** caption such as **(a, c), (b, d)** instead of **(upper row), (right).** And made (a), (b), (c), and (d) visible on the pictures.
5	Figure 13 mark the pictures with a) b) and c). Mark the scale on the photos. Please specify in the caption of the figure what represent in the caption of the figure each picture.	The caption and scale were added on the **Figure 13.** Specify descriptions were added for each caption picture.

6	Lines 326-330 are necessary?	After checking the format of the journal, it was deleted form the manuscript.