

Review of: "[Review] Optimizing Wastewater Treatment Performance System and Achieving Greater Efficiency to Improve Water Quality for Sustainability — A Review"

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Potential competing interests: No potential competing interests to declare.

General comments. General paper about wastewater treatment. It is a well-written paper that will make an appropriate lecture for a general introduction to this vital topic. Some comments are as follows.

Figure 1. Performance of WWT in States of India. This figure needs to be clarified since it is unclear why the performance in different states adds up to 100%. Therefore, it will clarify a lot to include the universe employed to calculate this performance.

Figure 2. Reuse of treated wastewater in India. It is a similar comment as before. In this case, it is unclear if the percentages refer to the total volume of wastewater produced in India. It might be better to have a bar graphic with the percentages relative to the wastewater for the state since it will give a better picture of how each state is doing.

Figure 4 did not appear.

The section tertiary treatment overview should be divided into regions (i.e., US, Europe, etc.). It will be easier to follow that way.

In **section 3.1. Individual Wastewater Treatment** ==) Line 10. Nexus of Shrewsbury (what this means)

In **section 3.2. Cyanobacteria.** ==) Line 6. Surgery???

Section 3.3.10. Change the title to Advantages and Disadvantages of some WWT processes.