

# Review of: "Assessment of Quality, Bacterial Population and Diversity of Irrigation Water in Selected Areas on Minna, Niger State, Nigeria"

Maeti Antoinette George

Potential competing interests: No potential competing interests to declare.

## Assessment of Quality, Bacterial Population and Diversity of Irrigation Water in Selected Areas of Minna, Niger State, Nigeria

### Abstract:

The first sentence is the research aim and normally should be an introductory sentence about the topic.

### INTRODUCTION

- The source Hargreaves et al., 1998, is too old; recent references should be used.
- Some paragraphs are built from just one sentence; how about merging some sentences that are on similar issues? Paragraphs 4, 5, and 6 can be merged.
- Technical terms should be used correctly, e.g., sewage system.
- Manuscript should go for English editing; a lot of grammatical errors will prevent it from going through. 'Most of the sources of water used for irrigation in Nigeria are water that contains contaminants...' 'Most of the water sources in Nigeria contain pollutants of faecal origin, heavy metals from .... This sentence too: "Microorganisms are diverse, and they include bacteria, archaea, and most of the protozoa; the water also contains some species of fungi, algae, and some species of animals like rotifers" is unclear.
- Authors should avoid long sentences; they end up losing their intended meaning.

### Aim and objectives

- It is not clear what the table serves under this section.
- Authors have cited an old source (FAO, 1995); the same recent source should reflect different water quality limits.

### General concern:

The study was carried out back in the year 2016; obviously, the water quality has changed, and this study might not contribute as desired to literature today. The authors are advised to get new data and publish a comparative research/study.

