

ENVIRONMENTAL SCIENCE

Premium Edit

Records for the period ~~Between~~ of 1906 ~~to~~ and 2005 have shown that, ~~records~~ showed $0.74 \pm 0.18^\circ \text{C}$ ~~increased~~ the global average air temperature near the ~~E~~earth's surface ~~increased~~ by $0.74 \pm 0.18^\circ \text{C}$ in that time. ~~If~~ Unabated emissions of greenhouse gases (GHGs), ~~and in particular~~ particularly CO_2 , ~~continue unabated~~ the will probably cause their ever-strengthening effects ~~high greenhouse affects~~ to ~~may have irreparable damage the~~ on global world's climate system irreversibly (Mondal et al., 2011). Further, ~~R~~rapid socio-economic changes in ~~at~~ some developing countries, ~~such as like~~ India ~~and~~, China, ~~etc.~~ are dramatically influencing ~~dramatically~~ the pattern of fuel consumption ~~worldwide~~ pattern world over (Bhangale & Mondal, 2011; ~~Tewari~~, Mondal, 2011). ~~If~~ emissions of greenhouse gases, ~~and in particular~~ CO_2 , ~~continue unabated~~ the high greenhouse affects ~~may have irreparable damage on world's climate system~~ (Mondal et al, 2011). ~~The~~ worldwide trend of ~~declining~~ Decreasing world reserves of petroleum reserves and the impact of environmental pollution ~~of, namely,~~ increasing exhaust emissions, ~~have~~ lead to ~~the hunt for~~ search for a suitable alternative fuels. Biofuel, which is one such alternative fuel, has now become a competitive substitute for conventional petrofuels ~~owing to~~ Recent the recent scorching prices of petroleum-based fuels (before ~~the~~ global economic recession ~~worldwide~~) and ~~the~~ reduced bio-fuel cost ~~of biofuels owing due to~~ advanced breakthrough technologies, ~~made~~ bio-fuel in competition with conventional petro-fuel. Biofuels ~~such as like~~ straight vegetable oil (SVO) ~~and~~, biodiesel, ~~etc.~~ can contribute to help ~~to~~ curbing ~~curb~~ Green House Gas (GHG) emissions, ~~depending on how they are~~ produced manufactured.

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Comment [A1]: The word "earth" is capitalized only if the planet earth is being referred in context to the solar system or other planets. Since this is not the case here, I have lowercased the letter "e."

Comment [A2]: I have revised this sentence to improve its clarity and readability. However, please consider mentioning which records are being referred to here (e.g., records of some government agency). Further, I strongly recommend inserting a citation at the end of this sentence to support this statement.

Comment [A3]: I have shifted this sentence here for better logical flow of ideas. This sentence continues from the previous sentence by mentioning the world's climate system. The next sentence actually talks about fuel consumption, which is more relevant to the discussion later in the paragraph. Further, please note my drastic revisions to this sentence. I have shift...

Comment [A4]: If there are more than two authors here, then please consider rewriting this part as "Tiwari et al." However, if these are the only authors of the paper, then please rewrite this...

Comment [A5]: Please check whether you agree with this insertion. I have inserted this text with the objective of linking this sentence with the previous...

Comment [A6]: I have inserted this text at the beginning of the sentence to improve logical flow from the previous sentence, which mentions the need and search for alternative fuels.

Comment [A7]: This word appears slightly colloquial. Do you mean "increasing" or "increase in"?

Comment [A8]: This expression appears confusing. Do you mean "breakthroughs in technologies" or "advances in technologies"?

Comment [A9]: This part is grammatically correct, but I am unsure of how the production of biofuels will affect their curbing of GHGs. I suggest you elaborate on this point in brief h...