

Disclaimer & Technical Notes of Biomass potential from crop residue at 1 km grid

1. Biomass potential from crop residues have been generated at 1 km grid level using district level crop statistics and satellite based crop maps and Gross Primary Production (GPP).
2. The district level biomass data was sourced from joint report of TIFAC and IARI, Oct 2019 (<http://tifac.org.in/index.php/12-latestevents/892-latest-reports>).
3. All India level crop maps of rice, wheat, cotton and sugarcane were prepared over major growing areas at 80-85 % accuracy.
4. MODIS Gross Primary Production (GPP) data was used as a proxy of crop biomass and it has an accuracy of more than 80% depending on the biome.
5. The district level gross biomass was then downscaled using crop map and GPP at 1 km level. It was further converted into surplus biomass using collectable coefficient.
6. The geospatial layers of gross and surplus biomass potential from crop residues have gross accuracy of more than 80%.
7. The web-portal provides an indicative estimation of available biomass from crop residues based on last five years average data.

Further any queries and feedback, please contact at:

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