

## #77288 Biology, Biochemistry

**How do the gases created during the decomposition of organic material affect the environment? How do different types of organic materials vary in the amount of gases produced?**

**Answer:**

Decomposition of organic material generates such gases as:

- Carbon dioxide (CO<sub>2</sub>) – greenhouse gas contributing climate change;
- Methane (CH<sub>4</sub>) - greenhouse gas contributing climate change, explosive and toxic;
- Sulfur dioxide (SO<sub>2</sub>) – toxic gas causing acidic precipitation.

Normally animal remains produce more gases (fats, oils and greases (industry lingo: FOGs) and food waste). While plant remains tend to mineralize more.