

### **Succinct Summaries: Suggested Solution**

Acid rain is a worldwide problem that concerns scientists and the public. Acid rain is caused by burning fossil fuels. The worst acid rain comes from sulfur dioxide, which is a byproduct of burned coal. When coal is used in large power plant boilers, it emits sulfur, which is carried thousand of miles by the wind. Sulfur dioxide undergoes a chemical change to create sulfur trioxide, which, when mixed with water, becomes highly toxic sulfuric acid. This acid can upset the ecosystem and poison water and soil. Because acid rain knows no borders, it is a global problem. (98 words)

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