



Online Ethics Center
FOR ENGINEERING AND SCIENCE

Sustainable Development of Algal Biofuels

Description

This report by the National Research Council was produced at the request of the U.S. Department of Energy and published in October 2012. The authors concluded that scaling up the production of biofuels made from algae to meet at least 5 percent -- approximately 39 billion liters -- of U.S. transportation fuel needs would place unsustainable demands on energy, water, and nutrients. However, these concerns are not a definitive barrier for future production, and innovations that would require research and development could help realize algal biofuels' full potential.

Body

[Read the National Academies Report, *Sustainable Development of Algal Biofuels*](#)

ExternalURL

<https://www.nationalacademies.org/our-work/sustainable-development-of-algal-bio...>

Rights

Use of Materials on the OEC

Resource Type

Expert Reports

Topics

Energy

Climate Change

Discipline(s)

Earth Resources Engineering
Engineering

Life and Environmental Sciences

Authoring Institution

National Research Council