



Energy and Bioproducts

PHOTO: PIXABAY

Land-grant universities engage in efforts to improve energy efficiency

Residential energy efficiency is widely considered to be one of the most cost-effective strategies for reducing greenhouse gas emissions. Improving energy efficiency is important to increasing the overall sustainability of intensive livestock and poultry production operations. Scientists and Extension professionals at the nation's land-grant universities are leading efforts to benefit both consumers and communities..

Here are a few examples of that work:

- **Illinois** researchers identified underperformance in the nation's largest energy efficiency program and tested two potential solutions. Decision makers in Illinois and in federal programs are considering restructuring the program on the basis of the researchers' work.
- **Purdue** Extension provides research-based resources and educational programs to support renewable energy planning for Indiana professionals, government officials, citizen planners and residents.
- In **Florida**, Extension professionals work with individuals to change daily habits around consumption and waste and how implement home efficiency improvements. These changes can increase efficiency, reduce spending and encourage healthier lifestyles in people and communities.
- Scientists with the **Illinois** Agriculture Experiment Station are working to improve the design of a ground source heat pump system for different applications.

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