



You are here: [Home](#) > [News](#) > [Science](#)

ADVERTISEMENT

## Science

# Tiny shrimp leave giant carbon footprint

Updated at 9:31 PST Saturday, February 18, 2012



[ShareThis](#) 6 [f Share](#) 0 [Tweet](#) 6 [Email](#) 0

**VANCOUVER: Measured by environmental impact, a humble shrimp cocktail could be the most costly part of a typical restaurant meal, scientists said Friday.**

If the seafood is produced on a typical Asian fish farm, a 100-gram (3.5 ounce) serving "has an ecosystem carbon footprint of an astounding 198 kilograms (436 pounds) of CO<sub>2</sub>," biologist J. Boone Kauffman said.

A one-pound (454-gram) bag of frozen shrimp produces one ton of carbon dioxide, said Kauffman, who is based at Oregon State University and conducts research in Indonesia.

He told a meeting of the American Association for the Advancement of Science that he developed the comparison to help the public understand the environmental impact of land use decisions.

Kauffman said 50 to 60 percent of shrimp farms are located in tidal zones in Asian countries, mostly on cleared mangrove forests.

"The carbon footprint of the shrimp from this land use is about 10-fold greater than the land use carbon footprint of an equivalent amount of beef produced from a pasture formed from a tropical rainforest," wrote Kauffman in a paper, not including emissions from farm development, feeds, supplements, processing, storing and shipping. (AFP)



[Click to Print](#)

[Give Comments](#)

## Latest News

- [Rangers to take part in Lyari operation](#)
- ['Govt, Army had a role in OBL killing'](#)
- [India to cut back on Iran oil purchases](#)
- [Five dead in Arizona shooting](#)
- [One in 10 babies are born preterm](#)
- [SpaceX delays ISS launch again](#)
- [Gingrich drops US presidential bid](#)
- [UN sanctions NK firms over rocket launch](#)

Be the first to comment

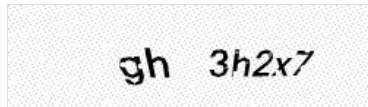
#### Post Your Comments (0)

Name:

Email:

Country:

Enter Code:



[Post comment](#)

If you are facing problem in submitting your comments, please [click here](#) to report your problem.

#### News

World  
Sports  
Business  
Weird  
Technology  
Entertainment

#### Video Gallery

Magazines  
Facebook  
Blog  
Twitter  
Youtube  
Photo Gallery

#### My City

Islamabad  
Karachi  
Lahore  
Peshawar  
Quetta  
Hyderabad

#### Print Edition

Editorial  
Opinion  
Newspost  
Sports  
National  
Writers Archive

#### Contact Us

Classified  
Viewers' Forum  
How to Advertise  
Opinion Archive  
About Us  
Feedback

#### RSS

Videos  
E-Paper  
Mobile  
Back Issues  
  
Sitemap