



Slashdot It! |

Share on Facebook | 6 submit



Português | Français | Español | 日本の | 中文

### Climate change to have a big impact on marine fisheries mongabay.com February 18, 2009

Digg

submit

Climate change will have a big impact on marine fisheries, report scientists writing in the journal Fish and Fisheries.

A team led by William Cheung of University of East Anglia's School of Environmental Sciences developed a model that predicts the impact of changes in temperatures and currents on the distribution of more than 1,000 fish species. They found that on average, fish are likely to shift their distribution by more than 40 kilometers (25 miles) per decade. The shift will have a substantial impact on global fisheries, especially in the tropics, which will suffer the largest loss in catch. Some countries — especially at northern latitudes — may see an increase in fish landings. Some fish species may go extinct.

"Our research shows that the impact of climate change on marine biodiversity and fisheries is going to be huge," said Cheung. "We must act now to adapt our fisheries management and conservation policies to minimize harm to marine life and to our society.

"For example, we can use our knowledge to improve the design of marine protected areas which are adaptable to changes in distribution of the species."

Comments (0)

**ShareThis** 

Select a News Topic

News index | RSS | News Feed

### Advertisements:

Organic Apparel from Patagonia | Insect-repelling clothing

#### MONGABAY.COM

Mongabay.com seeks to raise interest in and appreciation of wild lands and wildlife, while examining the impact of emerging trends in climate, technology, economics, and finance on conservation and development (more)

### **CONTENTS**

<u>Rainforests</u>	Kids' Site	<u>About</u>
Tropical Fish	Languages	Contact
News	Topics   RSS	Archives
Madagascar	Newsletter	<u>Interns</u>
<u>Pictures</u>	Green Shopping	<u>Help</u>

### **WEEKLY NEWSLETTER**

Email: Go

Mongabay will never distribute your email address or send spam.

Search

#### SUPPORT

Help support mongabay.com when you buy from Amazon.com

## **POPULAR PAGES**

### Rainforests

Rain forests Amazon deforestation

**Deforestation** 

**Deforestation stats** Why rainforests matter

Saving rainforests

**Deforestation stats** 

Rainforest canopy

## News

Most popular articles

Worth saving?

Forest conservation

Earth Day

Poverty alleviation Cell phones in Africa

Seniors helping Africa

Saving orangutans in Borneo

Palm oil

Amazon palm oil

Future of the Amazon

Cane toads

**Dubai environment** 

Investing to save rainforests

Visiting the rainforest

Defaunation

Blue lizard

Amazon fires

**Extinction debate** 

Extinction crisis Malaysian palm oil

Borneo

#### **News topics**

Amazon

**Biofuels** 

2/20/2009 9:48 AM 1 of 3

Brazil
Carbon Finance
Climate Change
Deforestation
Energy
Happy-upbeat
Interviews
Oceans
Palm oil
Rainforests
Solutions
Wildlife
MORE TOPICS

### Advertising by



### Stories dugg by user mongabay

- 2 Clinton, Obama botch opportunity on climate, forest conserva
- High ivory prices in Vietnam drive killing of elephants
- Photos: 13,000 species found in Arctic, Antarctic Oceans
- Little-known flatback sea turtle receives extra attention at
- Beef consumption fuels rainforest destruction
- Amazon in big trouble, says UN
- FARC killing Amazon rainforest Indians
- 4 Illegal timber trade to face tough penalties in the E.U.
- Cameroon gets gorilla park
- Price on emissions from farming could help conservation

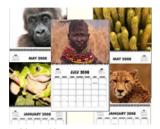
Powered by Digg's Users

### T-SHIRTS



- Madagascar Wildlife
- <u>Dancing lemurs</u>
- Don't fall asleep the sloths will eat you
- Sucking on this frog may make you insane

## **CALENDARS**



- Mount Kenya
- East Africa Safari Wildlife

2 of 3 2/20/2009 9:48 AM

- Kenya's Turkana PeoplePeru
- African WildlifeAlaskaChina

- Madagascar Chameleons

# CANVAS BAGS







- <u>Hallucinogenic frog bag</u><u>Madagascar wildlife bag</u>

# RECENTLY UPDATED PHOTO ALBUMS



**Suriname** 



<u>Utah</u>





**Malaysia** 



Costa Rica

Copyright mongabay 2009