

# Thaindian News

Home

About Us

News Map

Photos

Tags

Google™ Custom Search

Search

Are you ready for 2010? View Your 3 Credit Scores now!

FreeScore.com.

Excellent

750 - 840

Fair

620 - 659

I Don't Know

????

Good

660 - 749

Poor

340 - 619

Find out INSTANTLY!

## Categories

- Books
- Business
- Entertainment
- Environment
- Events
- Feature
- Health
- Health Science
- images
- India
- Life Style
- National
- New Delhi
- nuclear
- Odd news
- Politics
- Press Release
- Sci-Tech
- South Asia
- Sports
- Technology Industry News
- Thailand
- Thailand Tourism
- Uncategorized
- Videos
- World
- World News

## Hot Now!

- Saturday Night Live mocks Fox News Coverage Saturday
- American Chopper series to end soon
- Racy pics no bar to Miss California retaining crown Carrie Prejean
- Levi Johnston bares all for Playgirl cover

## Economic impact of Arctic melt could amount to 2.4 trillion dollars by 2050

February 8th, 2010 - 1:55 pm ICT by ANI

@ TELL A FRIEND G Y

### [How to make Electricity](#)

\$198 Homeowner's kit that power co exec's tried to outlaw in 17 states  
www.Power-4-Homes.com

### [NativeEnergy, Greensburg](#)

Fight Global Warming! and Help Build the Greensburg Wind Farm  
www.nativeenergy.com

### [Urban Development](#)

A Carbon-free future for megacities with Siemens: Our Solutions here.  
www.siemens.com/SustainableCities



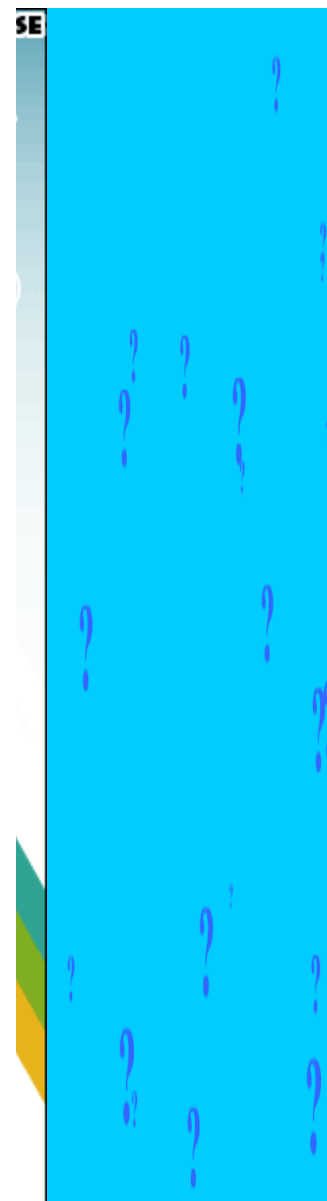
Ads by Google

Washington, Feb 8 (ANI): In a new report, scientists have determined that the economic impact of losing the Arctic's climate-cooling services could total a minimum 2.4 trillion dollars by the year 2050.

According to Discovery News, the report was released as the G7 finance ministers from seven industrialized nations, including the United States, meet in northern Canada to discuss economic policies in preparation for the annual G8 summit this June.

The study quantifies, for the first time, the global cost of losing Arctic ice, snow and frozen ground, called permafrost, that serve as Earth's air conditioner.

As the Arctic melts, it delivers a double dose of warming for the planet.



Search

Search

Gossip Desk

- Kim Kardashian

- ["Saturday Night Live" Mocks Fox News Coverage](#)

## Meta

- [Register](#)
- [Log in](#)
- [Entries RSS](#)
- [Comments RSS](#)



- [Star Struck Valentines](#)

## Aishwarya

- [Body found in the landing gear of a Delta Air Lines plane](#)
- [Beer good for bones: National Institute of Health](#)
- [Levi Johnston bares all for Playgirl cover](#)
- [Sheryl Crow all set to join Cougar Town](#)
- [Brangelina try to dispel separation rumors by appearing together at the Super Bowl](#)
- [US Hubble Space Telescope photos show that Pluto is changing colors](#)
- [NASA Robots' to help in space and in factories](#)
- [Saturday Night Live mocks Fox News Coverage Saturday](#)
- [Experts: H1N1 epidemic seems to be over](#)
- [American Chopper series to end soon](#)

## BNO News

- [Sweden accepts request for transfer of prosecution of a Swedish national hacker](#)
- [Morristown, New York man arrested and charged for drunk driving](#)
- [Trumansburg, NY resident arrested and charged for drunk driving](#)
- [Red Cross says French staff member kidnapped in Chad released](#)

Less snow and ice mean the region is less able to reflect sunlight, and the planet warms.

At the same time, methane (CH<sub>4</sub>) - a potent greenhouse gas that contributes to global warming - is released from the melting permafrost.

As the additional carbon warms the planet, it impacts agriculture, forestry, water use, energy use, coastal zones, hurricanes, ecosystems and human health.

Such impacts can be expensive, leaving everyone to pay the bill.

The authors predict that the warming that will occur just this year eventually will cost between 61 and 371 billion dollars over the next one hundred years.

To reach this number, projected trends in snow and ice loss and methane releases were converted into carbon dioxide equivalents.

Those were multiplied by the social costs of carbon.

"This year alone, Arctic melting may warm the Earth an amount equivalent to pumping three billion metric tons of CO<sub>2</sub> into the atmosphere," said Dr. Eugenie Euskirchen, a scientist from the University of Alaska at Fairbanks' Institute of Arctic Biology and co-author of the report.

"That's equal to 40 percent of all US industrial emissions this year or bringing on line more than 500 large coal-burning power plants," he added.

By 2050, the cumulative global cost is projected to range from 2.4 trillion dollars to 24.1 trillion dollars; and by 2100, the total cost could climb to between 4.8 trillion dollars and 91.3 trillion dollars.

According to Dr. Eban Goodstein, co-author of the report, "At the mid-range of our estimates, the cumulative cost of the melting Arctic in the next 40 years is equivalent to the annual gross domestic products of Germany, Russia and the United Kingdom combined." (ANI)



[Congratulates The Saints And Reggie Bush On Super Bowl Win](#)

- [Saints Victory Celebration Leaves Three Injured](#)
- ["The Who" Performs At The Super Bowl Halftime](#)
- [New Orleans Saints Clinches Super Bowl XLIV Title](#)
- [Waste Management President Larry O'Donnell Appears In New Reality Show](#)
- [Tiger Woods Reportedly Back With His Wife And Children](#)
- [Dockers' Super Bowl Advertisement Receives Maximum Attention](#)
- [Drew Brees' Son Watches As His Father's Team Wins](#)
- [Drummer Zak Starkey Of "The Who" Was Amazing In Super Bowl Halftime Show](#)
- [French Quarter Live Cam Shows Moments Of Celebration In New Orleans](#)
- [Tiger Woods Likely To Make A Comeback At Tavistock Cup](#)
- ["Call Barney Stinson": Greatly Popular Ad In Super Bowl](#)
- [Explosion In Kleen Energy Systems, Middletown Claims Lives](#)
- [Dockers Free Pants Website Creates Internet Hype](#)
- [Jailed Plaxico Burress Expresses Apology To New York Giants In CBS Interview](#)
- [OPM Website Declares Closings For](#)

- [New York man arrested after multimillion dollar real estate frauds](#)

## Related Stories



**DON'T Let the Dentist Fool You**

Single mom discovers 1 simple trick to turn yellow teeth white from home.

[Learn more](#)

---



**Do NOT BLEACH**

Learn 1 simple trick, discovered by a mom, to turn yellow teeth white.

[Learn more](#)

- [Arctic lands and oceans account for 25 percent of world's net sink of CO2](#) - Oct 15, 2009
- [Arctic area, oceans lock up fourth of world's carbon dioxide](#) - Oct 15, 2009
- [Ten climate change "flagship" species named at Copenhagen summit](#) - Dec 15, 2009
- [Methane under permafrost could speed up global warming 20-fold](#) - Sep 03, 2009
- [Impact of melting snow and ice highlighted in new report](#) - Dec 14, 2009
- [Spring agricultural fires can accelerate Arctic melting](#) - May 27, 2009
- [Melting tundra will tumble vast carbon waste into Arctic Ocean](#) - Jan 12, 2010
- [Arctic ice to last until 2030 to 2040](#) - Sep 22, 2009
- [Sediments deposited in oceans by major Arctic rivers hold clues to future global climate](#) - May 19, 2009
- [Super-size deposits of frozen carbon in Arctic a growing threat to climate](#) - Jul 01, 2009

157

Posted in Health Science, |

## Leave a Comment


Name

Mail (will not be published)

Website

Monday

- [Reese Witherspoon Dating Jim Toth?](#)
- [Heidi Montag Is 'Very Fragile' After Multiple Surgeries](#)
- [Emmett Smith And Jerry Rice Inducted To Pro-Football Hall Of Fame](#)
- [Eminem Refutes Rumors Of Reunion With Former Wife](#)
- [President Barack Obama Invites Irish Prime Minister On St.Patrick's Day](#)
- [Sarah Palin Grabs Attention By Scribbling Notes During Tea Party Convention](#)
- [H1N1 Epidemic Seems To Be Dwindling, If Not Yet Over](#)
- [Aston Kutcher Appears On "Saturday Night Live" Yet Again](#)
- [NASA Robots To Help Astronauts In Space](#)
- ["American Chopper" Comes To An End In Sixth Season](#)
- ["Saturday Night Live" Mocks Fox News Coverage](#)
- [Hubble Space Telescope Provides Detailed Images Of Pluto](#)
- [Vizio Teams With Blockbuster Service](#)
- [Space Shuttle Endeavour Launched On Monday Morning](#)

 1,601

## Latest News

- [Polish-born artist completes 40-metre picture of late pope](#)
- [Major publishers to hike prices of](#)