New York: China's second great wall, a vast seawall covering more than half of the country's mainland coastline, may be a foundation for economic growth but it can also result ecological disasters that can extend beyond China, says a study.

"These coastal areas are a perfect example of coupled human and natural systems," said one of study authors Jianguo "Jack" Liu from Michigan State University.
"The decisions being made in China are having enormous consequences to people and ecosystem services in China and the rest of the world. We must bring ecosystem services to the business table for a sustainable future," Liu added.

To create extra land for the rapidly growing economy, coastal wetlands have been enclosed by thousands of kilometers of seawalls, whose length exceeds that of China’s famous ancient “Great Wall”.

This new “Great Wall”, covering 60 percent of the total length of coast-line along mainland China, caused a dramatic decline in internationally shared biodiversity and associated ecosystem services and will threaten regional ecological security and sustainable development, the researchers noted.

They found that the wetland ecosystems support a daunting number of birds, millions of which rely on the coastlines as they migrate.

The coastlines produce 28 million tonnes of fishery products, nearly 20 percent of the world's total.

Looking deeper reveals abundant biodiversity and a support system that also provides other invaluable but underappreciated services for people.

The authors note that while there are laws aimed at protecting coastal wetlands, they lack teeth, and are inadequate in face of the immediate profits.

The study appeared in the journal Science.

IANS

First Published: Friday, November 21, 2014 - 12:37

1
SHARES

China's new 'Great Wall' not so great | Zee News

From The Web

- Treating Adult T2D (LiveStrong for Healthline)

- Do Women Talk More than Men? It’s All About Context
  (GoWeLoveIt.info)
  (http://goweloveit.info/general/do-women-talk-more-than-men-its-all-about-context/?utm_source=taboola&utm_medium=referral)

- 5 Credit Cards That Can Help You Avoid Paying Interest Until 2016 (Next Advisor Daily)
  (http://www.nextadvisor.com/blog/2014/06/30/pay-interest-2016/?kw=tbla_dsk_pni16dlyxlb55&site=zeenews)

- Is Kim Kardashian’s Cover Photoshopped? (All My Faves)
  (http://www.allmyfaves.com/blog/humor/kim-kardashian-becomes-the-butt-of-every-joke/?utm_source=taboola&utm_medium=referral)

- This Girl’s Dynamite Performance Left The Audience Screaming For More. (LogicGoat)
  (http://www.logicgoat.com/this-girls-dynamite-performance-left-the-audience-screaming-for-more/?utm_source=taboola&utm_medium=referral)

From Zee News

- Electric hand dryers can spread more germs

- Indian police fails to arrest Sahara chief Subrata Roy

- UP police fails to arrest Sahara chief Subrata Roy

- Student gangraped by six persons, four arrested in Bihar

- Javadekar warns China over incursions
  (http://zeenews.india.com/hindi/videos/rajnath-singh-warns-china-over-incursions/239214)

- India Post launches inland letter tracking service

- 70% of Indian sewage treatment plants dysfunctional: Javadekar

- Urgent action needed to avoid Nigeria poll violence: Crisis Group

- Keep on running if you want to stay young

- Creative freedom to actors made 'Mahabharat' a success: Nitish Bharadwaj

- Natalie Dormer sports shaved hair for 'The Hunger Games: Mockingjay – Part 1'

Top Videos (/videos/default.default.html)
Haryana govt wants details of Robert Vadra’s companies, assets

China's new 'Great Wall' not so great | Zee News

N Srinivasan requests SC to reinstate him as BCCI chief

N Srinivasan requests SC to reinstate him as BCCI chief
China's new 'Great Wall' not so great | Zee News

Another Northeast youth found dead in Delhi

0 Comments  Zee News  Login  
Sort by Newest  
Share  Favorite  
Start the discussion…

Be the first to comment.

Subscribe  Add Disqus to your site  Privacy

Zee News  
Follow  +1  
+ 307,400  

Log In  To use Facebook's social plugins, you must switch from using Facebook as MSU Center for Systems Integration and Sustainability to using Facebook as Sue Glenn Nichols.

Rampal sent to judicial custody till Nov 28, claims was held captive in ashram (/news/haryana/rampal-sent-to-judicial-custody-till-nov-28-claims-was-held-captive-in-ashram_1501838.html)

2nd Test, Day 4: Pakistan vs New Zealand – As it happened... (/sports/cricket/2nd-test-day-4-pakistan-vs-new-zealand-%E2%80%93-as-it-happened_1502003.html)


Glenn McGrath predicts Indian whitewash Down Under (/sports/cricket/glenn-mcgrath-predicts-indian-whitewash-down-under_1501906.html)

PM Modi's visit to Janakpur cancelled after protests by opposition parties in Nepal (/news/india/pm-modis-visit-to-janakpur-cancelled-after-protests-by-opposition-parties-in-nepal_1502159.html)


When Arpita got a Rolls Royce from Salman Khan! (/entertainment/celebrity/when-arpita-got-a-rolls-royce-from-salman-khan_1502066.html)

Manipuri youth attacked in Bangalore; police detain three (/news/karnataka/manipuri-youth-attacked-in-bangalore-police-detain-three_1501862.html)

Game 9, World Chess Championship: Viswanathan Anand has to strike soon to catch up against Magnus Carlsen (/sports/others/game-9-world-chess-championship-viswanathan-anand-has-to-strike-soon-to-catch-up-against-magnus-carlsen_1501865.html)

Three injured in Florida State University campus shooting, gunman killed (/news/world/three-injured-in-florida-state-university-campus-shooting-gunman-killed_1501954.html)

Sister's boyfriend confesses shooting Miss Honduras dead (/entertainment/celebrity/sisters-boyfriend-confesses-shooting-miss-honduras-dead_1501923.html)

IFFI kickstarts in Goa; Amitabh Bachchan, Rajinikanth come together (/entertainment/celebrity/iffi-kickstarts-in-goa-amitabh-bachchan-rajinikanth-come-together_1501890.html)


CERN scientists discover two new subatomic particles (/news/space/cern-scientists-discover-two-new-subatomic-particles_1501676.html)
China's new 'Great Wall' not so great | Zee News

World Hindu Congress underway; Mohan Bhagwat, Dalai Lama deliver address

PHOTOS

MORE FROM OTHER SECTION

We can beat Australia in their own backyard: Virat Kohli

India team set to leave to Australia without WAG's

Watch: Saswata Chatterjee play cop in 'Ebar Shabor' trailer

I have nothing to do with 'Zid': Vivek Agnihotri

Electric hand dryers can spread more germs

How to have healthier grocery shopping

ALL STATES NEWS
SC seeks response of Centre, states on plea of clerks' body (/news/delhi/sc-seeks-response-of-centre-states-on-plea-of-clerks-body_1502757.html)

Firing at cops in CP: Court dismisses man's bail plea (/news/delhi/firing-at-cops-in-cp-court-dismisses-mans-bail-plea_1502756.html)

Man throws grenade at Kashmir poll rally, arrested (/news/jammu-and-kashmir/man-throws-grenade-at-kashmir-poll-rally-arrested_1502743.html)


TECHNOLOGY NEWS (/BUSINESS/TECHNOLOGY/INDEX.HTML)


Almost all smartphones apps have been hacked: Report (/business/news/technology/almost-all-smartphones-apps-have-been-hacked-report_112411.html)

Ignore online security warnings at your own risk (/news/sci-tech/ignore-online-security-warnings-at-your-own-risk_1502584.html)


India Post working on model to connect artisan with eComm (/business/news/technology/india-post-working-on-model-to-connect-artisan-with-ecomm_112442.html)

WORLD NEWS (/WORLD)

Iran minister cancels plan to leave nuclear talks for Tehran (/news/world/iran-minister-cancels-plan-to-leave-nuclear-talks-for-tehran_1502754.html)

Lebanon scraps independence rally in first since civil war (/news/world/lebanon-scraps-independence-rally-in-first-since-civil-war_1502752.html)

Myanmar Catholics celebrate 500 years in the country (/news/world/myanmar-catholics-celebrate-500-years-in-the-country_1502744.html)


Kerry to leave Iran talks in Vienna for Paris later Friday: US (/news/world/kerry-to-leave-iran-talks-in-vienna-for-paris-later-friday-us_1502730.html)

SPORTS NEWS (/SPORTS/INDEX.HTML)

We can beat Australia in their own backyard: Virat Kohli (/sports/cricket/we-can-beat-australia-in-their-own-backyard-virat-kohli_1502763.html)

India team set to leave to Australia without WAG's (/sports/cricket/india-team-set-to-leave-to-australia-without-wags_1502758.html)

Jewish group criticises Dave Whelan for saying Jews chase money (/sports/football/jewish-group-criticises-dave%E2%80%8B-whelan-for-saying-jews-chase-money_1502749.html)

'Woeful' Hull City must make amends against Spurs, says Steve Bruce (/sports/football/epl-2014/woeful-hull-city-must-make-amends-against-spurs-says-steve-bruce_1502747.html)
China's new 'Great Wall' not so great | Zee News