

NEWSLETTER >

Green Stories

The world needs a global agenda for **SAND**

"From 2000-2100 it is projected there will be a 300 percent increase in sand demand and 400 percent increase in prices," said Mette Bendixen, a researcher at CU Boulder's Institute of Arctic and Alpine Research (INSTAAR). "We urgently require a monitoring program to address the current data and knowledge gap, and thus fully assess the magnitude of sand scarcity. It is up to the scientific community, governments and policy makers to take the steps needed to make this happen."

Special !!!

- **Monthly Event**
- **VILTER In-House Training**
- **Employee Profile**

....surely you don't want to miss

In a commentary published today in the journal *Nature*, a group of scientists from the University of Colorado Boulder, the University of Illinois, the University of Hull and Arizona State University highlight the urgent need for a global agenda for sand.

"From 2000-2100 it is projected there will be a 300 percent increase in sand demand and 400 percent increase in prices," said Mette Bendixen, a researcher at CU Boulder's Institute of Arctic and Alpine Research (INSTAAR). A lack of oversight and monitoring is leading to unsustainable exploitation, planning and trade. Removal of sand from rivers and beaches has far-reaching impacts on ecology, infrastructure, national economies and the livelihoods of the 3 billion people who live along the world's river corridors. Illegal sand mining has been documented in 70 countries across the globe, and battles over sand have reportedly killed hundreds in recent years, including local citizens, police officers and government officials.

"Politically and socially, we must ask: If we can send probes to the depths of the oceans or the furthest regions of the solar system, is it too much to expect that we possess a reliable understanding of sand mining in the world's great rivers, and on which so much of the world's human population, rely?" said Jim Best, a professor at the University of Illinois Department of Geology. "Now is the time to commit to gaining such knowledge by fully grasping and utilizing the new techniques that are at our disposal."

In order to move towards globally sustainable sand extraction, the authors argue that we must fully understand the occurrence of sustainable sources and reduce current extraction rates and sand needs, by recycling concrete and developing alternative to sand (such as crushed rocks or plastic waste materials). This will rely on a knowledge of the location and extent of sand mining, as well as the natural variations in sand flux in the world's rivers.

"The fact that sand is such a fundamental component of modern society, and yet we have no clear idea of how much sand we remove from our rivers every year, or even how much sand is naturally available, makes ensuring this industry is sustainable very, very difficult" said Chris Hackney, research fellow at the University of Hull's Energy and Environment Institute.

by University of Colorado at Boulder, July 2, 2019

Best way to fight **climate change** ?

ANSWER : Plant a trillion trees

The most effective way to fight global warming is to plant lots of trees, a study says. A trillion of them, maybe more

And there's enough room, Swiss scientists say. Even with existing cities and farmland, there's enough space for new trees to cover 3.5 million square miles (9 million square kilometres), they reported in Thursday's journal *Science* . That area is roughly the size of the United States.

The study calculated that over the decades, those new trees could suck up nearly 830 billion tons (750 billion metric tons) of heat-trapping carbon dioxide from the atmosphere. That's about as much carbon pollution as humans have spewed in the past 25 years.

Much of that benefit will come quickly because trees remove more carbon from the air when they are younger.



Employee Profile



Everyone, Meet **Mr Munir**
Electrical Engineer

Joining NRS on Nov 2016. His pet name is Nat. Does it makes him look cute?☺ Food, reading & music are his passion. Things to keep him awake? TEA!! Ye, he has all of tea flavours in his tea box. He is a big fan to Emma Watson, so it make sense when

The Perks of Being a Wallflower become his all time favourite movie. Chill out buddy, say Hi to him!



CUSTOMER SERVICE TRAINING

The main aim of this customer service training is to provide us with lots of ideas and actions based on our own job role that you can easily take back from the workplace and implement them immediately in order to improve the experiences of the customers.

by Professional Trainer, En Junid Abd Salam from IMC Quantum Quest. 19/6/2019 – 20/6/2019



Philippines Opening of Representative Office

9th JULY 2019, at Muntinlupa City

Wow! Million greetings of congratulations for opening new representative office. We wish for never ending success in Philippines. All the best for NRS and cheers!!



6 GOLDEN KEYS to achieve Customer Service Excellent

- ✓ Respect customers. Treat them like how I would like to be treated.
- ✓ Recognize customers needs and problems. Customer wants to be heard and understood.
- ✓ Fully Understand that customer want the recognition. Customer want to feel important and cared for.
- ✓ Provide highest level of responsive to the customers . Actively listen and ask questions in order to clarify problem.
- ✓ Always prove to customer that you're a reliable and responsible person. For example, get back to customer based on the agreed dateline
- ✓ Create the best memorable customer service experience in all customer relationship.

Source: IMC Quantum Quest PLT Module