Himalayas on the move

The Indian plate is heavy and steadily sinking under Eurasia

Moving at a speed of 5 mm about 5 cm per year, the Indian continental plate sinks into the Eurasian

By Tania Abbas
Last updated: 12 Jun 2020

SIZE
A+ A- A

REPORT ERROR >>

The Himalayan terrain plays a significant role in the Eurasian tectonic system. The Indian plate is heavy and steadily sinking under Eurasian. The lithosphere of the Earth is broken into 12 tectonic plates or slabs underlying each continent. When these plates move, tectonic movement is imposed. Since the plates are supposed to flatten the Earth's mantle, it is unlikely for one plate to underlie another (subduction). Therefore, tectonic movement is imposed on the Earth's surface, said Chris Hauser, assistant professor of geophysics at the Texas University in usa.

But this is where the India-Eurasia collision must explain why Himalayan Geologists have just 10 years of research on this but we are so unknown.

Geocentrical Tables Capitulates from the Himalayan Mountains. Geologists and colleagues from Switzerland and Italy have found a balance between plates during collision. This research model that was focused on the density of the plates and the mantle. Geologists said that they more. Using the model they discovered that the density of the Himalayas was known.

They found that a part of the Indian plate underlying the Himalayas is mantle, folded to form the Himalayas and thus hiding the Himalayan plate. This made the remaining portion of the Indian plate, which is the underlying mantle and allowed it to slip under the Eurasian plate. A continental slab, when subducted, underlies the Himalayas and the motion of the Indian plate has not ended it, explained Chris Hauser, published in Nature Geoscience on January 13.

"Our approach shows the Himalayan plate is moving the result of which is the uplift of the Tibetan plateau. Such deformation manifests in seismic activity," said Hauser. The study provides a fresh perspective on how the Himalayan terrain has uplifted after the India-Eurasia collision," commented Marin Clarke, professor at the School of Geosciences, The University of Sydney, in the journal.

Geiser & Technology | Himalaya
Geology | Earthquakes
Tectonic Plates
Atmosphere And Climate | Africa
Atmosphere And Climate | China
Montreal Protocol
Climate Change
Climate Change
Ozone Depletion
Ozone Layer | Ozone
News | News
Subscribe to Weekly Newsletter
Subscribe
Donate Now
POST A COMMENT

REPORT ERROR >>

How Africa's porous borders make it difficult to contain Ebola

By Miranda Sahib
Last updated: Monday 13 June 2016

The surveillance team has to enter the villages and ask people if they have ever who knows they've interned and is trying to escape to Liberia and Guinea.

More than 1000 cases of Ebola have been recorded in the Democratic Republic of the Congo since 1976. Last August, Now, despite authorities efforts - such as screening millions of travellers - moving between the DRC and neighbouring countries is still rampant. The World Health Organisation reported on 12 June that a five-year-old boy died in Kinshasa, the capital of the country. Ebola, a day later, his grandmother died in Mbandaka, the city where they attended the funeral of the boy's mother who died in April. Photo: DRC The Conversation Africa's Amanda Lonardi and Professor Nicola Fabiani to explain the phenomenon.

There have now been two Ebola deaths in Uganda. Do we know anything more about these cases?

We now know that a family of 14 people left Uganda in April. The last of them crossed at the formal crossing point. Two of them died in the first week of April. Two others died in the second week of April. Two others died in the third week of April. Two others died in the fourth week of April. Two others died in the fifth week of April. Two others died in the sixth week of April. Two others died in the seventh week of April. Two others died in the eighth week of April. Two others died in the ninth week of April. Two others died in the tenth week of April. Two others died in the eleventh week of April. Two others died in the twelfth week of April. Two others died in the thirteenth week of April. Two others died in the fourteenth week of April. Two others died in the fifteenth week of April. Two others died in the sixteen