

## Editorial

South Asia is facing an unprecedented heat wave early in the summer season of this year. Temperature both in India and Pakistan are well over 40 degrees for most part of this region right from late March to April end of this year. Writing is on the wall—climate change induced warming of air parcels giving rise to high night temperature as well. Add to this war in Ukraine has made global coal trade unsustainable leading to shortage of coal in most power plants in this region. Coal is still the preferred fuel for most of the thermal power plants here and shortages in global supply chain has lead to serious power outings sometimes lasting into hours making life miserable.

Not to be outdone, IPCC report points out to possible extinction of more than 20% of all reptiles such as Cobra, Turtles etc. Thus 2022 is a bad period in modern history of the world. Imagine South Asia without cobra—what will happen to the well known snake charmers of this region? What will happen to the irula tribes of Nilgiris who are famous for catching pythons not only locally but even in Florida wetlands recently?

One positive event is the birth of twin elephant calf in Bandipur forests in southern India last week—elephants rarely give multiple calf since their gestation period is two years! Due to the timely intervention of forests officials, the newly born twins were rescued from water body before their drowning—three cheers to the forest officials by contributing to restoration of endangered elephant population in southern Asia where they are endemic to local climate and forest region!

In this gloomy situation of the earth due to climate change scenario, we have assembled in this issue quite a variety of reviewed high quality research papers.

Have a good reading!

May 4, 2022



(V. Subramanian)

Editor-in-Chief

Snapshot 1



The forest-dwelling lesser chameleon of Madagascar is threatened by mining and logging.

Snapshot 2



Mumbai — nearly 1000 buildings and roads will be affected by 2050 due to climate change.

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