

Editorial

World is gradually moving over to a near new normal life after a gap of two years. Hope this would not adversely affect the ongoing debate about rapid climate changes happening in front of us now.

In the desire to normalise the global economy, we should not lose sight of rapid acceleration of global temperature that has serious consequences in the short run as well.

Asian monsoon behaviour so far has not been normal at all with a very heavy flooding in northeastern part of India due to early high rain events. The wettest part of the world in Meghalaya recorded more than 2 meters rainfall in 49 hours whereas for east coast Mumbai the entire four months of monsoon, the rainfall is around that level suggesting the erratic nature of monsoon due to climate change. It remains to be seen how the remaining three months of rainy season will behave. The preceding summer was of course very harsh with temperature well over 40 degrees for more days than previous decades. The political climate globally does not encourage pro-climate active policies to be implemented forcefully; in the end the natural processes are at the receiving end.

One of the sad news is the likely extinction of giraffes - their number have gone down by more than 40% in the last few decades; hope rehabilitation and conservation measures will reduce the rate of decrease in their population.

July 6, 2022



(V. Subramanian)

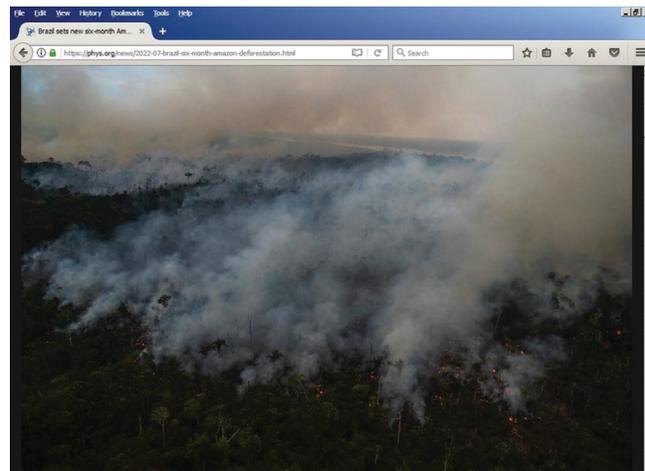
Editor-in-Chief

Snapshot 1



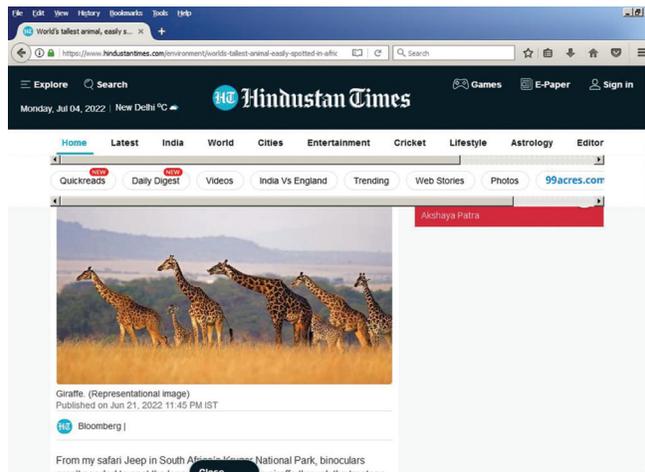
Collapse of Alpine Glacier, June 2022.

Snapshot 2



Deforestation, Amazon, Brazil.

Snapshot 3



Giraffe - becoming extinct!

Contents

<i>Editorial</i>	i
□ <i>Snapshots</i>	ii
Heavy Metal Contamination in Aquatic and Terrestrial Animals Resulted from Anthropogenic Activities in Indonesia: A Review <i>Khairunnash Ahmad, Muhammad Iqhrammullah, Diva Rayyan Rizki, Aulia Aulia, Aulia Qisthi Mairizal, Agnia Purnama, Intan Qanita, SN Abdulmadjid and Kana Puspita</i>	1
Fluoride Delineation and Bacterial Diversity of Potable Water in Mandal Parishads of Kurnool District, Andhra Pradesh, India <i>P. Raghuveer Yadav and Pindi Pavan Kumar</i>	9
Thermal and Biological Degradation of Herbicides to Treat Wastewater and Soil Pollution <i>Inas J. Al-Nuaemi, Kafaa F. Abbas, Ramy M. Jebir Al-Alawy and Hussam N. Al Ani</i>	17
Operational Constraints on Flight Navigation due to Fog and Consequent Economic Implications at the Rajiv Gandhi International Airport, Hyderabad, Telangana, India <i>Kavitha Chandu, Dharma Raju A., S.V.J. Kumar, Madhava Prasad Dasari and Y.K. Reddy</i>	25
Influence of Copper Amendments on Soil Properties, Growth and Metal Accumulation by <i>Mentha arvensis</i> L. <i>Mamta Bisht, Chitra Pande, Geeta Tewari and Sonal Tripathi</i>	33
Features of Pesticide-Contaminated Surface Water <i>Dmitriy Spitsov, Elena Korobeynikova, Alexander Grigoriev and Larisa Kondratenko</i>	41
Impact of Silica Fume on Fly Ash Based Concrete Material <i>A.K. Sahoo and B.B. Kar</i>	49
Microbiology of Contaminated Water <i>Shengnu Qiu, Dmitry Snegirev, Vladimir Domatskiy, Dmitry Gura and Nikita Fedotov</i>	55
Evaluation of Groundwater Quality by Water Quality Index During Successive Periodic Intervals in the Selected Villages of Gara Mandal of Srikakulam District in Andhra Pradesh <i>Vaddi Dhilleswara Rao and Mushini Venkata Subba Rao</i>	63
A Study of Characteristics of Greywater Generated from Different Sources of Residential Buildings <i>Shamim S.K.</i>	73
The Relationship Between Sulphur Dioxide and Trehalose and Their Effect on Some Biochemical Characteristics of Tomato Plants <i>Majid Jasim Fahad and Asaad Kadhim Abdullah</i>	81
Analysis of Groundwater Flow for Saltwater Interaction Range Using Visual Modflow: A Case Study of Coastal Belt in Srikakulam District of Andhra Pradesh, India <i>G. Venkata Rao, P. Shiva Kumar and K. Srinivas</i>	91

Corporate Sustainable Development – Motives, Steps, Challenges and the Role of HR <i>Raghavendra Sode and Kalaa Chenji</i>	99
Trophic State Index for Euphrates River Passing Through Samawa City <i>Ansam Saad Al-Khafaji and Ibtehal Aqeel Al-Tae</i>	105
<i>Environment News Futures</i>	113