Asian Journal of Water, Environment and Pollution, Vol. 21, No. 1 (2024), pp. i-iii. DOI 10.3233/AJW240001

Editorial

Events on earth are undergoing a big churning with war situation in Europe and Middle East. Certainly it does not do any good for climate mitigation though meeting of nations in UAE just about a month ago tried to add some practical approach with economics and funding for developing regions of the world. It is one thing to talk and agree about costs compensation but another for ground implementation of the same. It remains to be seen how the situation will evolve over time. Let us all hope for the best.

Japan and earthquakes are inseparable; with a high intensity quake, recently, Japan is trying to grapple with relief measures along with quake induced flooding. This in addition to the blow out of two planes on the ground due to collision resulted in some casualties.

Due to vageries of nature, usual winter skiing in parts of Kashmir is impacted - direct climate change effect. Air pollution over Delhi in middle of winter is very alarming and seems no win situation for man and nature as well. Shipping lanes around middle east posing problems for transport of fuels causing artificial increase in price due to long rerouting needed to avoid the war zone areas. More fuel is being used to deliver fuels to many nations - a contradiction of fossil fuel based economy!

Have a happy reading and a very happy 2024!.

(V. Subramanian) Editor-in-Chief

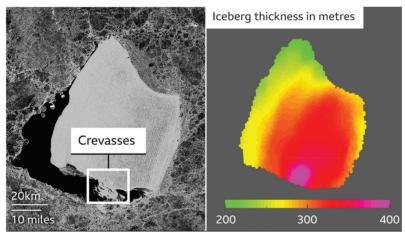
January 9, 2024

Snapshot 1

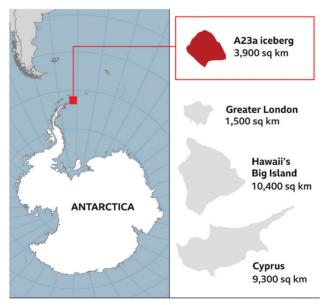


Earthquake in Japan - Dec-Jan 2024.

Snapshot 2



Monster iceberg over trillion tonnes.



Iceberg vs land areas for comparison.

Snapshot 3

Contents

Editorial	i
□ Snapshots	ii
A Reliable Algorithm for Efficient Water Delivery and Smart Metering in Water-Scarce Regions Rosana W. Marar and Hazem W. Marar	1
Magnetic Nanocomposites for Removal of Arsenic from Water	
Md. Ahmaruzzaman	11
Recent Advances in Nanomaterials-Based Adsorbents for Organophosphorus Contaminant Removal in Water: An Overview	
Faris Rudi, Nor Kartini Abu Bakar, Noor Azilah Mohd Kassim, Victor Feizal Knight, Muhammad Faizan A. Shukor and Mohd Nor Faiz Norrrahim	17
Impact of Soil Temperature and Precipitation on Vegetation Cover Over Selected Stations in Iraq	
Wedyan G. Nassif, Iqbal K. Al-Ataby, Osama T. Al-Taai and Zainab M. Abbood	25
Synthesis of a Green Adsorbent Surface Gels: Development of Ratio Preparation of Polymer SA/Bentonite Bead, and its Industrial Applications for Removal of Aqueous Pollutants	
Zaied A. Mossa, Faris Hamood Mohammed, Aseel M. Aljeboree and Ayad F. Alkaim	35
The Cause and Effects of a Sudden Blackening of the River Kameng/Jiya Bharali in October 2021	
S. Baroi, A.A. Ali, R. Saikia, T. Das, S. Baishya and R.K. Dutta	45
Characterization of Minerals and Health Impact of Metals in Dust Storm Fallen on Baghdad, Iraq	
Mohammed I. Mohammed, Mohammad F. Abid, Ibthal Albassam,	
Hiba M. Abdullah, Adnan A. Abdul Razak, Mahmoud A. Mahmoud, Eman K. Alaq and Farah M. Aswed	53
Morphological and Molecular Characterisation of Endophytic Fungi Isolated from <i>Moringa oleifera</i> Leaves in Iraq and Chemical Analysis of Leaves Extracts Using GC-Mass	
Gufran Mahmood Mohammed and Sumaiya Naeema Hawar	63
Analysing the Effectiveness of Municipal Wastewater Sludge, Bagasse Ash, Rice Husk Ash and Plastic Waste Powder for Manufacturing Bricks	
M. Kalpana, G. Venkatesan and S. Padma	71
Risk of Ceftriaxone (Antibiotic) in the Tigris River Water, Iraq Ibrahim Al-Sudani, Hamsa Abed Al-Razzaq, Roaa Audy and Asmaa Al-Khayat	81
Relationship Between Winds with Surface Roughness and Carbon Dioxide Concentrations Over Iraq	
Wedyan G. Nassif, Ahmed A. Hashim, Sara Ali Muter and Osama T. Al-Taai	89