## INDIAN JOURNAL OF NATURAL SCIENCES (IJONS) BIMONTHLY INTERNATIONAL JOURNAL (PRINT)

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#### Published by

#### TAMILNADU SCIENTIFIC RESEARCH ORGANISATION

Regd. Off. : NO 46-141, MEENAKSHIPURAM RD, NEAR POST OFFICE, ARIMALAM 622 201, PUDUKKOTTAI, TAMIL NADU, INDIA

Admin. Off. : PLOT NO 39, MURA BHAVAN, KOODAL NAGAR, RAJAGOPALAPURAM POST, PUDUKKOTTAI, TAMIL NADU, INDIA.

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Frequency	Bi-monthly (Feb, Apr, Jun, Aug, Oct, Dec)
ISSN	0976 - 0997
Publisher	TamilNadu Scientific Research Organisation,
	Pudukkottai, Tamil Nadu, India
Chief Editor	Dr.S.Vijikumar
Copy right	TamilNadu Scientific Research Organisation (TNSRO)
	Pudukkottai, Tamil Nadu, India.
Starting Year	2010
Subject	Multi Disciplinary Science Subjects
Language	English
Publication Format	Print
Phone No:	04322-261088
Email	ijons@tnsroindia.org.in & ijonstnsro@gmail.com
Mobile No.	9952886637, 8778365515
Website	https://www.tnsroindia.org.in/
Registered office	No 46-141, Meenakshipuram Rd, Near Post Office,
Address	Arimalam 622 201, Pudukkottai, Tamil Nadu, India.
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## Editorial.....



### Climate Literacy

Human-induced climate change is causing dangerous and widespread disruption in nature and affecting the lives of billions of people around the world, despite efforts to reduce the risks. The world faces unavoidable multiple climate hazards over

the next two decades with global warming of 1.5°C (2.7°F). Even temporarily exceeding this warming level will result in additional severe impacts, some of which will be irreversible. Risks for society will increase, including to infrastructure and low-lying coastal settlements. Increased heatwaves, droughts and floods are already exceeding plants' and animals' tolerance thresholds, driving mass mortalities in species such as trees and corals. These weather extremes are occurring simultaneously, causing cascading impacts that are increasingly difficult to manage. They have exposed millions of people to acute food and water insecurity, especially in Africa, Asia, Central and South America, on Small Islands and in the Arctic. Scientists point out that climate change interacts with global trends such as unsustainable use of natural resources, growing urbanization, social inequalities, losses and damages from extreme events and a pandemic, jeopardizing future development. Climate literacy explores future impacts at different levels of warming and the resulting risks and offers options to strengthen nature's and society's resilience to ongoing climate change, to fight hunger, poverty, and inequality and keep Earth a place worth living on – for current as well as for future generations. Climate education empowers all people, but especially motivates the young to take action. Climate change education is an urgent need. It can make society aware of change and protect the Earth and its environment from dangerous inputs. Through this education, factors such as individual human morality, living in harmony with nature, conservation of biodiversity will be protected. Climate change education should be widely disseminated to the public through colleges, schools, public service institutions, research centers, village administrations, etc. and appropriate personal training should be provided.

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