



क्षेत्रीय अनुसंधान स्थात्र
Regional Research Station

ब्रह्मवर्षा विवा द्युदये ह्ये गवसा
भा.कृ.अनु.प.-केन्द्रिय शुष्क क्षेत्र अनुसंधान संस्थान

ICAR-Central Arid Zone Research Institute

ॐ रजो'सो'खो'दसा॥ दसुसा'ग'बुद'गी'घो'बद'विवा'दुदुद'क्षो'सो'सो
(An ISO 9001:2015 Certified Institute)

लेह-194 201 / Leh-194 201

केन्द्र शासित प्रदेश-लद्दाख / The UT of Ladakh, India

Website: www.cazri.res.in

Emails: director.cazri@icar.gov.in/hd.rrs.leh.cazri@icar.gov.in/dipankar.saha@icar.gov.in

Mobile: 8902069001/9541180520



Dipankar Saha

Agriculture Research Service Scientist & Head: Regional Research Station, ICAR-CAZRI, Leh, The UT of Ladakh, India

Member: European Geoscience Union (EGU); **Member:** Special Interest Group on Citizen Science of British Ecological Society (BSE); **Member:** Special Interest Group on Agricultural Ecology of British Ecological Society (BSE); **Member:** Ecological Law and Governance Association, Florida, USA; **Member:** Mountain Research Initiative (MRI) Community, Switzerland; **Member:** Global Land Programme-A Global Programme of Future Earth-Research for Global Sustainability. Funded and Hosted by Universität Bern Centre for Development and Environment (CDE), Bern, Switzerland.

MESSAGE

FROM COLD ARID MOUNTAIN ECOSYSTEM BASED RESEARCH GROUP FROM TRANSHIMALAYN LANDSCAPE OF LADAKH-INDIA

Landscape of cold arid mountain ecosystem being an unusually diverse represented by an aggregated varied range of small species reflected with centres of endemism is our place of works and worship for the people and environment closely embodied with the philosophy of Biodiversity Day-2021 too i.e; "We are part of the solution".

As the mountain landscape is having a strong collective interplay of green planet earth's biodiversity and affect neighbouring lowlands through biotic functional loop, regional climatic changes including nutrient runoff; the services towards this ecosystem are of paramount importance because we all are part of every possible interventions towards solution of every problems.

Evolutionary mechanisms with multiple fabrics are being observed in terms of high biodiversity at certain mountains including higher speciation rates encapsulated with abysmal possibilities for coexistence and persistence of lineages getting a shape by climate change of long-term having an interaction with topographically induced mountain landscapes, so its need to have a special attention from all of us collectively signifying the theme of this year theme.

A signature of deeper time scale based evolutionary and ecological processes are the specific characters of mountain biodiversity, a history of this unique landscape of our green planet Earth well worth preserving and that is why we are in action to understand its problem to find all possible solution.

Also included a Video message for celebrations of the
International Day for Biological Diversity 2021
By Dipankar Saha, ICAR-ARS, The UT of Ladakh, India

Watch on YouTube