

# BULLION GOES BUST

Negligible gains for farmers of sandalwood and red sanders after investing years into growing the highly prized timbers

WASTEWATER

Reuse holds key to **India's water security**  BENGALURU

before tunnelling

TIME USE SURVEY Assess city geology Indian women in grip of

extreme time poverty

### **DownTo Earth**

Founded in 1992 to arm you with knowledge critical to shaping a better world

FOUNDER EDITOR Anil Agarwal

**EDITOR** Sunita Narain

**MANAGING EDITOR Richard Mahapatra** 

CHIEF COPY EDITOR Snigdha Das

ASSOCIATE EDITORS Aditya Misra, Rajit Sengupta

SENIOR CREATIVE DIRECTOR Ajit Bajaj

**SUPPLEMENT EDITOR** Souparno Banerjee

**CHIEF CARTOONIST Sorit Gupto** 

REPORTING TEAM Shagun, Akshit Sangomla, Pulaha Roy, Rohini Krishnamurthy, Himanshu Nitnaware

SENIOR SUB EDITOR Dakshiani Palicha

**WEB EDITORS** Rajat Ghai, Preetha Banerjee, Nandita Banerji, Pratyaksh Srivastava

**DESIGNTEAM** Chaitanya Chandan (Art Editor), Ritika Bohra (Assistant Art Editor), Tarun Sehgal (Senior Designer), Yogendra Anand (Illustrator), Vineet Tripathi (Graphic Designer), Shri Krishan

**PHOTO EDITOR Vikas Choudhary** 

PRODUCTION Rakesh Shrivastava, Gundhar Das

TECH SUPPORT Rajendra Rawat, Jaidev Sharma

MULTIMEDIA Joel Michael, Sunny Gautam, Midhun Vijayan, Shreya K.A. Prabhat Kumar, Dhruval Parekh, Surangya Kaur, Danishmand Khan

#### INFORMATION AND RESEARCH SUPPORT

Kiran Pandey, Susan Chacko, Madhumita Paul, Lalit Maurya, Dayanidhi Mishra

**CONSULTING EDITORS** Anumita Roychowdhury, Vibha Varshney

#### Vol 33, No 21; Total No of Pages: 60

Editorial, subscriptions and advertisements: Society for Environmental Communications, 41, Tughlakabad Institutional Area, New Delhi 110 062,

Phone:91-11-40616000,29955124, 29956110,29956394,29956399 | Fax:91-11-29955879. Email:editor@downtoearth.org.in

© 2025 Society for Environmental Communications. All rights reserved throughout the world. Reproduction in any manner is prohibited. Printed and published by Richard Mahapatra on behalf of Society for Environmental Communications. Printed at Viba Press Pvt. Ltd. C-66/3, Okhla Industrial Area, Phase-II, New Delhi - 110 020, India, and published at 41, Tughlakabad Institutional Area.

To subscribe, sms'dte Subscribe'to 56070 or visit www.downtoearth.org.in/subscription

FOR ADVERTISEMENTS Jyoti Ghosh jghosh@cseindia.org

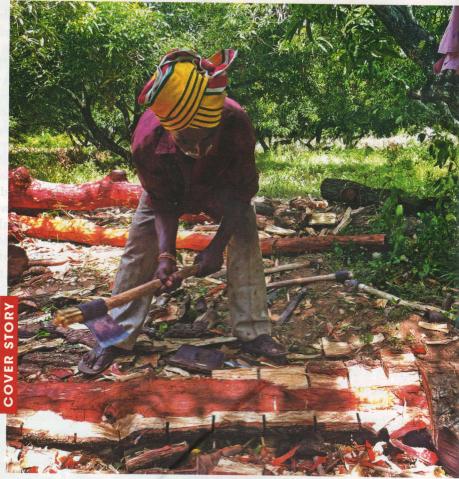
FOR SUBSCRIPTIONS
KCR Raja, raja@cseindia.org



**◆Cover design:** Ajit Bajaj

## Contents





22

Commercial growers of prized sandalwood and red sanders struggle to realise the big profits promised

10 Digest

Insights on India's environmental issues at Anil Agarwal Dialogue 2025

12 Sacred groves

Maharashtra communities replicate forest ecosystems on common land

Renewable energy
Drought-stricken Zambia moves to
reduce reliance on hydropower,
diversify its energy sources

38 Analysis

Reuse of wastewater holds the key to water security in a resource-stressed India



52 Opinion

Bengaluru vehicular tunnel plan must consider city's geology

56 Book Review

The Right to be Counted provides a snapshot of life in jhuggis

58 Civil Lines

Women spend most of the day on unpaid work, caregiving

### DIGST WHAT'S INSIDE

Fight for transgender community's rights in Chhattisgarh P8

US records first measles death in a decade P9

Discourse on SDGs, energy goals at Anil Agarwal Dialogue 2025 P10



The Indian spiny-tailed lizard (Saara hardwickii), the country's only herbivorous lizard, is poached for its meat and to extract an oil believed to have medicinal properties. Once distributed across northwestern India and Pakistan, the lizard has disappeared from several areas due to habitat loss, poaching and wildlife trafficking. In India, it is now mostly confined to the desert areas of Rajasthan and Gujarat, but its numbers continue to dwindle. The International Union for Conservation of Nature (IUCN), which classifies the species as "vulnerable", estimates a population decline of 30-35 per cent over the past three generations.

