



SUSTAINABLE INDIA TRUST

ANNUAL REPORT 2017-18

SIT ANNUAL REPORT 2017-18

PUBLISHED BY:



Sustainable India Trust

F4, A Block, NASC Complex, National Rainfed Area Authority building, 1st floor, PUSA, Dev Prakash Shastri Marg, New Delhi, Delhi 110012, India

Website: www.sustainableindiatrust.org
Email: sustainableindiatrust@gmail.com
Landline no.: +91-11-2152 0154

©Sustainable India Trust 2018
March 2018

ACTIVITY AREAS

SUSTAINABILITY RESEARCH,
AGENDA DEVELOPMENT,
EDUCATION & AWARENESS,
POLICY RESEARCH & ADVOCACY



ACTIVITIES

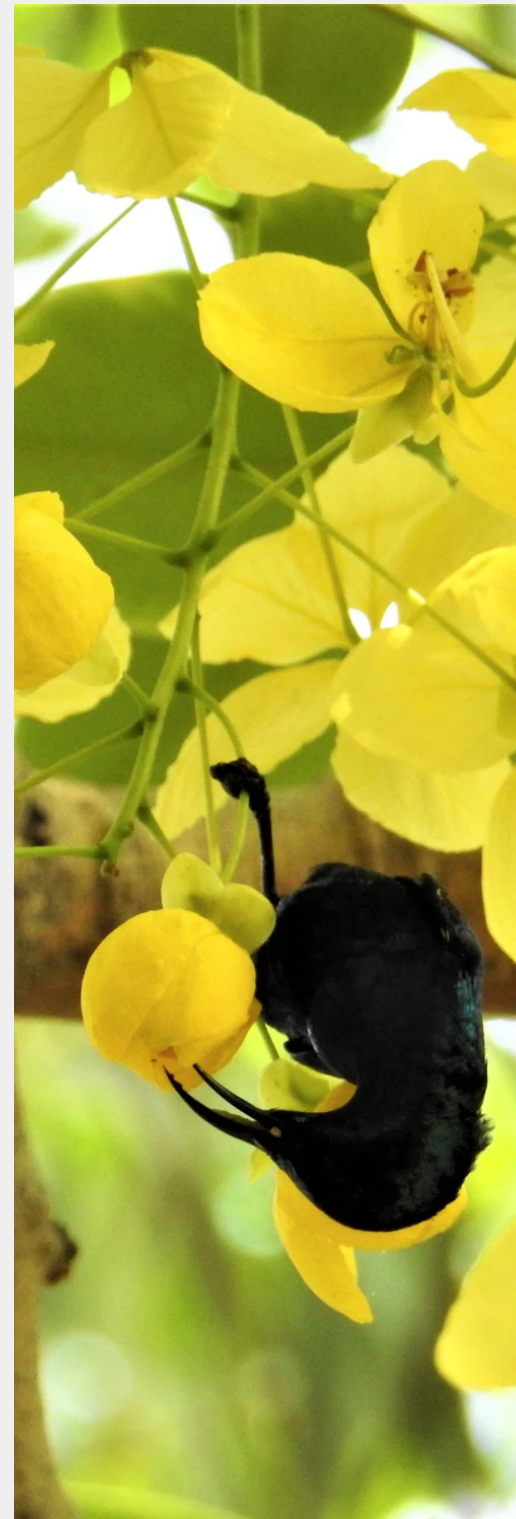
A) Sustainability research

1. Paper titled 'Elevated carbon dioxide level along with phosphorus application and cyanobacterial inoculation enhances nitrogen fixation and uptake in cowpea crop.' (2017) authored by Pathak et. al. published in Agron Soil Sci

2. Book titled 'The Indian Nitrogen Assessment: Sources of Reactive Nitrogen, Environmental and Climate Effects, Management Options, and Policies' co-authored by SIT members, Yash P. Abrol, Tapan K. Adhya, Raghuram, Himanshu Pathak along with other partners published by Elsevier

3. Paper titled 'Climate resilient agriculture for food security: Farmers perspective and community initiatives' authored by SIT trustee Dr. H Pathak along with others published in journal Curr Adv Agril Sci 9:123-131; 2017

4. Paper titled 'Global temperature change potential of nitrogen use in agriculture: A 50-year assessment Scientific Reports', authored by Fagodiya, RK, Pathak H, Kumar A, Bhatia A and Jain N published in Nature



B) Agenda development

1. Trustee, Prof N. Raghuram attended the session on Industrialization of Perennial crops, 2nd Yunnan Conference on International Exchange of Professionals (YCIEP), 8-12 June, Yunnan Univ., Kunming, China.

2. SIT joined as a collaborating partner of the Centre for Ecology and Hydrology-UK, in the GEF-UNEP titled "Towards International Nitrogen Management System".

3. Trustees Profs. Tapan Adhya and N. Raghuram attended the Project Management Board Meeting of International Nitrogen Management System (INMS), 21-22 June, 2017 at Wageningen.



C) Education & awareness

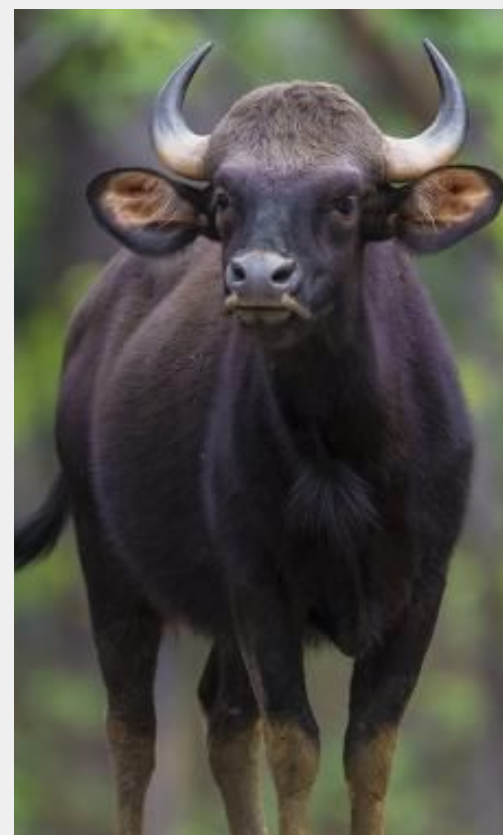


1. Prof. N. Raghuram gave an invited lecture on Reactive N, climate change, NUE and sustainable development on 20 April 2017 at Bhaskaracharya College, New Delhi.

2. An Earth Day lecture was organized at GGSIP University, Dwarka, New Delhi on 21st April 2017. The lecture was delivered on climate change by Dr Shailesh Naik, former Secretary of the Union Ministry of Earth Sciences.

3. A lecture was delivered by Prof. N. Raghuram on the topic 'Indian Nitrogen Assessment and its implications for sustainable development' at the JNUTA seminar on 15 Nov 2017 at Jawaharlal Nehru University, New Delhi.

5. SIT organized a 2-day conference, 'The National Conference on Strategies to Mitigate the Effects of Climate Change: Steps Towards Sustainable Development' on 8th and 9th December 2017 at Maharaja Agrasen School of Basic and Applied Sciences, Maharaja Agrasen University, Baddi, India. The conference attracted 130 oral, poster and e-poster presentations from India and abroad, on various aspects of climate change and its mitigation strategies. Prof. Raghuram gave a keynote speech on Reactive Nitrogen in agriculture, climate change and sustainable development.



4. SIT was represented by Trustee, Prof. N. Raghuram at the National Conference of Plant Physiology, wherein he gave a talk on 'Molecular Physiology of N-response and N-use efficiency in rice' on 25th Nov 2017 at Indira Gandhi Krishi Vishwavidyalaya, Raipur

6. Prof. N. Raghuram gave a lecture on Indian Nitrogen Assessment and its implications for sustainable development at CSE-Khalsa College Media Briefing and Public Meeting on the Scourge of Nitrogen Pollution in India on 08 March 2018 at , Khalsa College, Amritsar.



7. SIT trustee, Prof. N. Raghuram gave a Foundation Lecture on the topic 'Indian Nitrogen Assessment, fertilizer N use efficiency and its improvement' at the National Seminar on Agrichemicals for a benign environment, which was organized at Bidhan Chandra Krishi Vishwavidyalaya on 29th March 2018, at Kalyani, W. Bengal.

D) Policy research and advocacy

1. Prof. N. Raghuram presented a framework to approach higher education in natural bioproducts and biotechnology at the Brainstorming on Education in traditional knowledge, natural products and biotechnology for Uttarakhand Residential University, Almora, 16-17 Apr 2017.

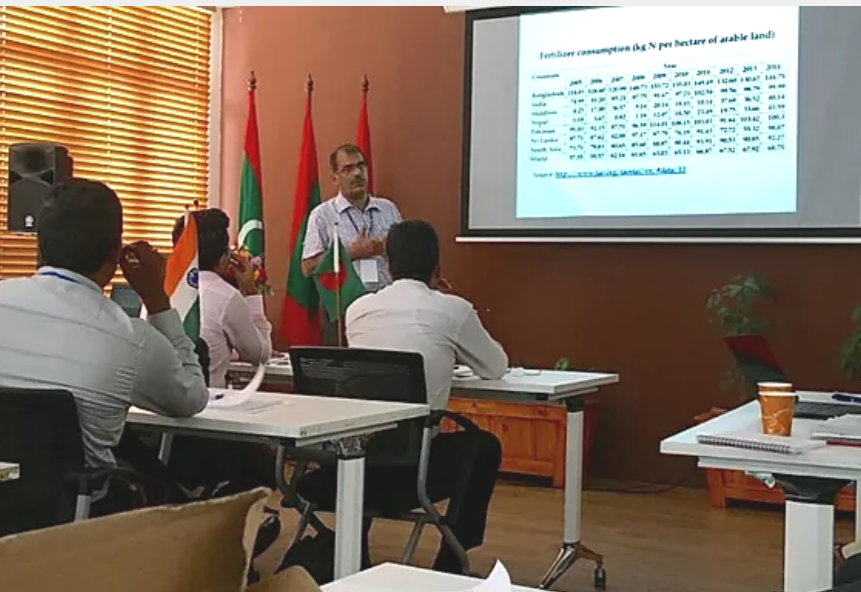


2. SIT was represented by Prof. Raghuram, who spoke on South Asian activities at the 9th Meeting of the Steering Committee, UNEP Global Partnership on Nutrient Management (GPNM), 24-26 April, 2017, at The Hague, The Netherlands.

3. The emerging messages from the Indian Nitrogen Assessment were presented on behalf of the Indian N community and SIT by Prof. N. Raghuram at the TFRN Special Workshop on Agriculture & International Engagement, 2nd June, Palais des Nations, UN, Geneva.

4. The role SCON and SIT in the “Indian to South Asian Nitrogen Assessment” was presented by Prof. N. Raghuram at the South Asia Regional Workshop on Future Earth, 20-21 July, 2017 at the Divecha Centre for Climate Change, IISc., Bengaluru, India.

5. SIT trustees Profs Tapan Adhya and N. Raghuram attended the South Asia Regional Meeting of the International Nitrogen Management System (INMS) organized by SACEP during 12-14 Sept, 2017 at Male', Maldives. They led the transition from Indian to South Asian Nitrogen Assessment and facilitated regional consensus on a draft resolution on "sustainable nitrogen management" for the 4th UN Environment Assembly.





PUBLISHED BY:



Sustainable India Trust

F4, A Block, NASC Complex, National
Rainfed Area Authority building, 1st floor,
PUSA, Dev Prakash Shastri Marg, New
Delhi, Delhi 110012, India

Website: www.sustainableindia.org
Email: sustainableindia@gmail.com
Landline no.: +91-11-2152 0154

©Sustainable India Trust 2018
March 2018