





International Conference - (ICSCI 2022)

INTERNATIONAL CONFERENCE

on

System of Crop Intensification (ICSCI 2022) for Climate-Smart Livelihood and Nutritional Security



www.icar-iirr.org

International Conference in Brief

Key Dates

Submission of Extended Summaries	30 September, 2022
Issue of the Acceptance	15 October, 2022
Receipt of the Registration Fee	30 September, 2022
Receipt the Full length papers	30 October, 2022
Request for accommodation	30 October, 2022
Willingness for ICRISAT/field visit	10 November, 2022

Conference Programme

Inauguration	12 December, 2022
Conference	12-14 December, 2022
Poster sessions	12-14 December, 2022
Plenary Lectures / Lead lectures/ Panel discussion/Farmer and scientist interactions	12-14 December, 2022
Valedictory Session	14 December, 2022
Field visits and CRISAT visit	15 December, 2022





Mode: Hybrid mode

Conference Venue: ICAR-IIRR, Rajendranagar, Hyderabad, Telangana, India

Contacts



International Conference on

System of Crop Intensification (ICSCI 2022) for Climate-Smart Livelihood and Nutritional Security

About SARR

The Society for Advancement of Rice Research (http://sarr.co.in/) is a registered society (2004) for researchers, research manager's, extension personnel, institutions, development agencies, trade and industry who practice and promote activities for the advancement of rice science and development. The society has been started with overall objectives of providing a platform for exchange of information and knowledge and disseminate the latest developments in rice research and to bring together all persons / institutions working for the cause of rice and rice based cropping systems. Laureates of rice science shared their views in different activities of the society in the conferences, brainstorming sessions, Annual Rice Group meetings organized by SARR.

About Conference

Innovation in food system is required for regional, national and global food security and sustainability. But experiences show that over dependence and reliance on intensive use of agrochemicals, fossil-fuels and other external inputs have put the sustainability of production system at risk. This has also severely affected the health of natural resources (soil, water, environment and food quality). Thus, there is an urgent need to rethink the choice of technology; practices; policies and strategies for innovations in sustainable crop production.

The use of agro-ecological approaches potentially reduce the dependence on external inputs, by mobilizing and invigorating the available biological processes and potentiality of plants and also the soil systems that support our crops in a sustainable manner. There is a significant and ever-increasing empirical evidence that shows that they are workable solutions for secured livelihood and welfare. The innovations in several food systems particularly, in crops like rice, has resulted in advantages not only in enhanced productivity but also in significant saving of water and energy, improved soil health, efficient biological imprints and a drastic reduction of GHG emissions, particularly methane from paddy fields.

The seeing-is-believing impact of System of Rice Intensification (SRI) in various crops has led to the universalization of SRI principles to other crops also. Today, a new paradigm of System of Crop Intensification (SCI) has emerged which improves the productivity and resilience of crops like wheat, finger millet, sugarcane, mustard, etc. SRI and SCI along with other practices such as conservation agriculture, natural farming, etc. are now put together as agroecological practices.

Agroecological/ SCI practices are particularly relevant for the resource-limited farmers because it relies minimally on purchased inputs, cash requirements and dependency on external resources. Experiences also show that by deployment of appropriate, customized mechanization, these methods can be scaled up for commercial production. The induced functioning of root systems and supporting beneficial life in the soil, and buffering capability of these practices on the ill effects of climate change such as drought, storm damage, extreme temperatures, pests and diseases, is shown to be feasible both on large as well as small farms. For food security and farm profitability in the 21st century, farmers will need to not only produce more food but also ensure a lighter and more benign 'footprint' on the environment.

There was gradual, but somewhat quite adaptation of these SCI principles/ methods within India and around the world, particularly in Asian countries. Many of these initiatives were inspired and encouraged by various efforts by many institutions and individuals who came together in organizing national conferences on SRI (e.g. Hyderabad-2006, Agartala, Tripura-2007 and Coimbatore-2008 and many other workshops) in which ICAR-IIRR participated and played a major role. The proposed International Conference ICSCI 2022 helps to build on the previous initiatives and experiences and provides platform to share the advances in the knowledge gain and know-how of the SCI/ SRI practices in the changing climate scenario by all the stakeholders.

Now, time is ripe for the world community of researchers, promoters, policy makers and others who are involved in improving, promoting and innovating Agro ecological practices, to come together, to consolidate and spread the knowledge and experience gained so far for the benefit of small and marginal farmers of the world.



Dr. Trilochan Mohapatra Patron Secretary, DARE and DG, ICAR, New Delhi,



Dr. R. M. Sundaram Organising Chairman, Director ICAR-IIRR, Hyderabad

Conference Themes

Image: Second
Management practices, pest and disease dynamics of SCI Theme-3 Resource (water, nutrients, energy, labour etc.) use and conservation, in SCI (Natural Farming, Organic farming, Conservation Agriculture etc.) climate resilience and
etc.) use and conservation, in SCI (Natural Farming, Organic farming, Conservation Agriculture etc.) climate resilience and
Theme-4 Agro-industries/Mechanization for scaling up SCI
Theme-5 SCI adoption and their Socio-economic Impacts including gender, labour and Institutional dynamics
Theme-6 Policy needs (at state, national and international levels) for scaling up SCI

Presentation format

Plenary Lectures

Globally and Nationally recognized scientists, policy makers and administrators will be invited to deliver special lectures on the topics related to System of Crop intensification and policy, farming systems research, climate change, resource conservation technologies, resource use efficiency etc. They will be requested to provides 2-3 pages' writeup of their presentation along with brief biodata for inclusion in the Pre-Conference Proceedings. Plenary lectures will be of 30 minutes duration. Full length papers will be published in the special issue of Journal of Rice Research.

Invited Lead Lectures

These would offer an insight into the various themes/sessions of the Conference. Technical Committees constituted for conference will identify 4 speakers. Each lecture will be of 15-20 minutes followed by discussion. Lead speakers of the symposium will be requested to provide 2 pages (2000 words) summary of their presentation and brief biodata for inclusion in the Pre-conference Proceedings. Full length papers will be published in the Post-Symposium Proceedings or special issue of Journal of Rice Research.

Panel Discussion

Recognized scientist/policy makers, industrialists and farmers will be invited to discuss on the present status of SCI in different crops and technologies to mitigate climate change. Panel discussion will have 5-6 panelists and it will be of one hour thirty minutes duration.

Lightning Talk

All the delegates will get an opportunity to present their research findings by Lightning talk through physical/ digital platform. Lightning talk will be arranged theme-wise. This would provide an opportunity to the participants to present their work in a more informal manner with personalized interaction with other participants. You can add audio or video, web pages, images, forms, links, documents, transcripts, and social media feeds into a single interactive presentation viewer. Lightning talk will be of 5 minutes. Best talk of each scientific theme will be awarded with digital certificate.

Farmer Scientist Interaction

Sessions of Farmers and Scientist interaction to identify the problems and suggest strategies for up scaling the technologies will be arranged with participating farmers, policy makers and researchers.

Extended Summary

Delegates will submit Extended Summary of their work before September 30, 2022. These extended summaries will be scrutinized and published in Pre-Conference Proceedings. Extended summaries submitted without following guidelines will not be accepted for publication.

The extended summaries of all the papers will be published and provided to the delegates as soft copy in a pen drive during the conference. The Extended summaries must reach by September 30, 2022. The guidelines for extended summary are given in this circular separately. A soft copy of the extended summary prepared in Microsoft word doc. may be emailed to organizing secretary email icsci82022@gmail.com or kumaricsci2022@gmail.com

Poster Presentations

All the delegates will get an opportunity to present their contributory research papers through poster presentation. Poster presentation will be theme wise. This would provide an opportunity to the participants to present their work in more informal manner with personalized interaction with other participants. Material for fixing the posters will be provided by the organisers. Guidelines will be circulated.

Exhibition, Advertisement and Sponsor Presentations

Limited sponsor presentations will be arranged to provide an opportunity to sponsor and share their views and experiences with delegates. (Stalls especially machinery and designers of equipment's suitable for SCI adoption).

Special Publications

Organisers are making efforts to bring out special publication and policy document at the end of the conference to give comprehensive coverage to the theme of the conference with future plans.

The guidelines for extended summary are given in this circular separately. A soft copy of the extended summary prepared in Microsoft word doc. may be emailed to organizing secretary email icsci82022@gmail.com/kumaricsci2022@gmail.com/secretaryicsci2022@gmail.com

Guidelines for Preparation of Extended Summary

- The Extended Summary should not exceed 3 double space typed quarter size pages, including tables and references. Authors should ensure scientific and grammatical correctness of Extended Summary as it will be published as such without any editing.
- Follow the style and format of Journal of Rice Research, as per guidelines to authors given at SARR Society website: http//:www.sarr.co.in and each volume of the journal (*copy also enclosed*).
- * The title should be short, specific and phrased to identify the content of the article.
- By-line should include the author(s) name(s) {name of the person presenting the paper to be underlined}, and place of work including the name of the university/ organization (Full form-no abbreviation), state, pin code and the country. In case, the present address of any of the author is different, it should be given with complete address as footnote.
- The extended summary should begin with brief introduction and objectives, followed by methodology, results, conclusion and references. Heading of Methodology, Results, Conclusion and References may be given in sentence case in bold. No heading of introduction is required.
- All references appearing in the text should appear at the end of the article and vice-versa. The reference should include the names of all authors, year, full title of the article, full name of publisher, place and year should also be given. For proceedings of symposium/seminar etc., the title of the paper, title of seminar/symposium, place, date and pages should appear along with names of all authors and year.
- Number of tables, figures and references should be kept at minimum. There should not be duplication of data and figures. Figures should be comprehensive and nicely printed with clear legends. The figure number and Table should not have more than 6 columns.
- No symbols for the treatments to be used. Author(s) must follow standard abbreviations. All weights and measurements must be in International System of Units (SI).
- Extended Summary should be typed in Times New Roman, normal fonts with double space. Font's size for different parts of extended summary Title-14 points bold, Authors- 12 points, Institute name – 11 points italic. Content-11 points. Heading in sentence case.
- Download a Microsoft Word Template for preparing the extended summary. (Visit website: sarr/icsci)
- The entire Extended Summary including text, figures and tables must be in MS Word Doc file only. All Extended Summaries should be mailed to secretaryicsci2022@gmail.com/icsci82022@gmail.com

Last date of Extended Summary submission is 30th September, 2022.

Registration

Google form link:

During registration you need to upload a copy of the proof of your payment confirmation. URL: <u>https://forms.gle/gesvRdQbupjaJie26</u>

Registration Charges

Physical Pa	rticipants (Rs) Internatio	onal (\$)
Scientists/Researchers	Rs. 8000/- (after due date 9000/-)	200 (after due date 225)
Students / Research Scholars	Rs. 3000/- (after due date 4000/-)	100 (after due date 125)
SARR Members	Rs. 6000/- (after due date 7000/-)	150 (after due date 175)
Industry and Private Organisations	Rs. 15000/- (after due date 16000/-)	325 (after due date 350)
Online par	rticipants (Rs) Internatio	onal (\$)
Online par Scientists/Researchers	rticipants (Rs) Internation Rs. 4000/- (after due date 5000/-)	nal (\$) 100 (after due date 125)
*		
Scientists / Researchers	Rs. 4000/- (after due date 5000/-)	100 (after due date 125)

Everybody has to register to participate in the conference

Who can participate?

- Scientist/ Working professionals in agricultural and allied sectors/ NGOs
- Students / research scholars
- National and International
- SCI adopting Farmers

Symposium will be open to registered participants only.

The registration fee for the participants will cover participation in all scientific sessions, the proceedings and other soft and printed material of the meeting, welcome reception, lunch, and dinner, tea / coffee during lecture breaks. It does not include accommodation charges of the delegates

Registration fee may be sent through Demand Draft/ at par cheque in favor of

Society for Advancement of Rice Research, Hyderabad.

A.C.No.52114977800, SBI, Budvel branch, IFSC: SBIN0020378

Foreign delegates need to pay in US dollars or equivalent in Indian Currency

Electronic proof or photocopy of the registration form can be used and payment details to be mailed to organising secretary.

Facilities and Fees for Sponsors

Diamond Sponsor (Rs.2,00,000)

- · Name/logo of sponsor to be displayed at prominent places including backdrop of the dais/website
- Presentation opportunity during the workshop.
- · Advertisement in souvenir (full pagecolor, cover/special insertion)

Platinum Sponsor (Rs. 1,50,000)

- · Name/logo of sponsor to be displayed at prominent places including backdrop of the dais/website
- · Presentation opportunity during the workshop.
- · Advertisement in souvenir (full page color)

Gold Sponsor (Rs.1,00,000)

- · Name/logo of sponsor to be displayed at prominent places including back drop of the dais/website
- · Advertisement in souvenir (full page color)

Silver Sponsor (Rs.50,000)

- Name/logo of sponsor to be displayed at back drop of the dais
- · Advertisement in souvenir (full page color)

General Information

INSURANCE: The Organizing Committee assumes no liability for participant's personal accidents, sickness, and theft or property damage. Participants are requested to make their own arrangements with respect to health and travel insurance.

LANGUAGE: The official language of the Symposium will be English.

TAXI: Taxis are on call 24 hrs over the telephone/ online/ mobile apps. Air-conditioned (AC) taxis are available at both the international and domestic terminals of Rajeev Gandhi International Airport. In addition, there are prepaid counters at the airport for travel to any part of the city. The distance from airport to venue is only 20 kms.

Exhibition

An exhibition will be organized at the venue during the conference. The exhibition area will be the focal point of the conference and the programme is structured to maximize the opportunity for delegates to visit this area. It has limited access to non-delegates also. Space for exhibition can be reserved by contacting the organizers. Exhibitors will get 10 ft x 10 ft space within the Exhibition area, having three sidewalls, carpet, 1 table, 2 chairs, one standard electric powerpoint, two spotlights and dustbin. Fees is Rs. 40000/- per stall by 30 October, 2022.

Facilities and Fees for Sponsors and Exhibitors

Advertisement

In Souvenir of the Conference, which will contain message from VIP and articles from renowned scientists, policy makers and administrator, there is a provision for giving advertisement by the companies. Souvenir is a very important publication of the conference and kept by the delegates for a long period and used as reference book. Interested companies may contact the organizers for giving their advertisements. The rates for the advertisement are as follows.

Registration fee doesn't include accommodation charges. Limited accommodation is available in government guest houses. Most of the delegates to avail hotels at reasonable cost nearby Rajendranagar- Hyderabad. A wide range of accommodation varying from 5 star hotels to guest houses are available.

Advertisement Tarrif

Charges / Location	INR (Rs)	USD (\$)
Back cover page	50,000	1,000
Inner Back cover	30,000	800
Full page Insertion	25,000	600
Half page Insertion	12,500	300

Payment should reach by 30 October, 2022

Virtual/ electronic Format

Online advertisement during Conference (12-14 December, 2022) 1 minute view/cycle : Rs. 50,000 30 seconds view/cycle : Rs.25,000

Online advertisement on IIRR website (www.icar-iirr.org) and www.sarr.co.in/icsci2022

11-14 December, 2022:	Rs. 1	1,00,000 (30 seconds view cycle)
12-14 December, 2022:	<i>Rs</i> .	75,000 (25 seconds view cycle)
12-14 December, 2022:	Rs.	50,000 (20 seconds view cycle)

Hotel Tariffs

5 star Hotels : (Rs. 6000-8000 per day)	Medium Range Hotels :	(Rs. 2500- 5000 per day)
Park Hyatt - Rs 6000	ITC Kakatiya - Rs. 4500	ITC Kakatiya - Rs. 4500
Taj Krishna - Rs. 6000	Golconda - Rs. 3500	Golconda - Rs. 3500
Radisson Hotel - Rs. 4500	Ashoka - Rs. 4000	Ashoka - Rs. 4000

Guest houses (Per person per day AC room)

NAARM - Rs1500	NIPHM - Rs. 1500	IIOR - Rs. 1000
CRIDA - Rs1500	PJTSAU - Rs 1200	MANAGE - Rs. 1500
NIRD - Rs2000	IIRR - Rs. 1000	PDP - Rs. 1000
NIRD - Rs 2000	IIRR - Rs. 1000	PDP - Rs. 1000

These tariffs are based on current rates per day. Upward revision of about 10-15% is expected by the time of conference. Limited accommodation may be available for the Indian delegates in various guest houses.

Above tariffs are quoted in Indian Rupees and equivalent currency.

About Hyderabad

Hyderabad (5th Largest City in India), the capital city of Telangana State (3rd Largest State in India). Population of more than 50 Lakhs & Agglomerated area 727 sq. kms on the Deccan Plateau.

Location: 17°E 22' N Latitude & 78° 27' Longitude

Language

The official language of Hyderabad is Telugu but there are various other regional languages spoken by the people of the state of Telangana. English is used for official and commercial purposes. Most people on the streets understand and converse in English. The other languages popular here in Hyderabad are Urdu and Hindi.

Time Zone

India has a single time zone. It is 5.5 hours ahead of the GMT, 4.5 hours behind the Australian Eastern Standard time and 11.5 hours ahead of American Eastern Standard Time (winter).

Climate

Weather in Hyderabad is very pleasant. Temperature in Hyderabad ranges from 11°C to 42°C.

Field Visits, Excursion and Tour

Organizers will arrange visits to experimental fields and Research Institutes at ICAR-IIRR, ICAR- IIMR, ICRISAT and PJTSAU

- Visit to Ramoji film city based Farmer Field visits ,Museum and Research Institutes
- Visit to Charminar, Golconda and Muchintal, Monuments and Research Stations

Final programme of these field visits will depend upon the willingness received from the delegates. All these visits will be arranged on payment basis to all delegates on first come first basis.

Places of Attraction



The Charminar constructed in 1591, is a monument Golconda Fort, located in Hyderabad, Telangana, The Salar Jung Museum is an art museum located located in Hyderabad, Telangana, India. The India. Because of the vicinity of diamond mines, at Dar-ul-Shifa, on the southern bank of the Musi landmark has become known globally as a symbol especially Kollur Mine. Golconda flourished as a River in the city of Hyderabad. Telangana, India, It is of Hyderabad and is listed among the most trade centre of large diamonds, known as the one of the three National Museums of India. recognised structures in India. It has also been Golconda Diamonds. The region has produced Originally a private art collection of the Salar Jung officially incorporated as the Emblem of Telangana some of the world's most famous diamonds, family, it was endowed to the nation after the death for the state of Telangana. The Charminar's long including the colourless Koh-i-Noor. The complex of Salar Jung III. It was inaugurated on 16 history includes the existence of a mosque on its top was put by UNESCO on its "tentative list" to December 1951. floor for more than 425 years.



become a World Heritage Site in 2014.





Ramoji Film City isan integrated film studio complex Sri Ramanujacharya's Statue of Equality made of located in Hyderabad, India. Spread over 1,666 world.



Panchaloha which stands 216-feet-tall, reflects the acres, it is the largest integrated film city in the world mammoth struggle for change which the social and as such has been certified by the Guinness reformer had championed a 1,000 years ago. World Records as the largest studio complex in the Located in a temple town inside the ChinnaJeevar Swamy's ashram near Muchintal, the statue was dedicated to the world by Prime Minister Narendra Modi on February 5, 2022



Once upon a time, Hyderabad was known as City of Lakes. Some of these lakes are natural and various are manmade bodies. As per various sources only a few decades back, Hyderabad had a large number of water bodies such as lakes, reservoirs, rivers, streams, aquaculture ponds, tanks etc.

Advisory Committee

Advisory Committee Patron: Dr. T. Mohapatra, Secretary (DARE) & Director General, ICAR		
Name	Designation & Address	
Dr. TR Sharma	DDG (Crop Science), ICAR, New Delhi, India	
Dr. Suresh Kumar Chaudhari	DDG (NRM), ICAR, New Delhi	
Dr. RC Agrawal	DDG (Agricultural Education), ICAR, New Delhi	
Shri. Pramod Kumar Mishra	Member, Niti Aayog, Govt. of India	
Shri. Sanjay Agarwal (IAS)	Department of Agriculture, Cooperation & Farmers Welfare	
Prof . Ramesh Chand	Member, Niti Aayog, Govt. of India	
Dr. AK Singh	DDG (Agricultural Extension), ICAR, New Delhi	
Dr. R K Singh	ADG CC and FFC ICAR – New Delhi	
Dr. D.K Yadava	ADG (Seeds), ICAR-New Delhi	
Dr. G. Narendra Kumar, IAS	Director General, NIRD&PR, Hyderabad	
Dr. G.R. Chintala	Chairman of NABARD	
Dr. J.S. Mishra	Director, ICAR – DWR Jabalpur	
Dr. S. Bhaskar	ADG(AAF&CC), ICAR, New Delhi	
Dr. Ashok Kumar Singh	Director, ICAR-IARI, NewDelhi	
Dr. Ch. Sreenivasa Rao	Director, NAARM - Hyderabad	
Dr. Onkar Nath Singh	Vice Chancellor, BAU-R, Kanke, Ranchi, Jharkhand	
Dr. Praveen Rao Velchala	Vice Chancellor, PJTSAU, Hyderabad, Telangana	
Dr. V. Geetha Lakshmi	Vice Chancellor, TNAU Coimbatore	
Dr. C. Muthamizhchelvan	Vice Chancellor, SRM Institute of Science and Technology, Chennai	
Dr. A. Vishnuvardhan Reddy	Vice Chancellor, ANGRAU, Guntur, Andhra Pradesh	
Prof. B.S. Mahapatra	President, ISA, New Delhi, Vice Chancellor, BCKV, West Bengal	
Dr. Gyanendra P. Singh	Director, ICAR-Indian Institute of Wheat and Barley Research, Karnal	
Dr. H. Pathak	Director, ICAR-NIASM, Baramati, Maharashtra	
Dr. D. Padmini Swain	Director, ICAR-NRRI, Cuttack, Odisha	
Dr. RM Sundaram	Director, ICAR-IIRR, Hyderabad, Telangana	
Dr. Vilas A. Tonapi	Ex-Director, ICAR-IIMR, Hyderabad, Telangana	
Shri. Vijay Kumar	Andhra Pradesh Community Managed Natural farming	
Dr. C. R Mehta	Director, ICAR-CentralAgricultural, Bhopal	
Dr. G. Ravindra Chary	Project Coordinator-AICRIPDA, Hyderabad	
Dr. A.D. Pathak	Director, ICAR- IISR, Lucknow	
Dr. Atmaram Mishra	Director, ICAR-IIWM, Bhubaneswar, Odisha	
Dr. Amod K Thakur	Principal Scientist, ICAR- IIWM, Bhubaneswar	
Dr. C. S. Brahmanand	Principal Scientist, ICAR- IIWM, Bhubaneswar	
Dr. A.S. Panwar	Director, IIFSR, Modipuram	
Dr. Anil Kumar	Director, ICAR-CIWA, Bhubaneswar, Odisha	
Dr. Sudhanshu Singh	Director, IRRI South Asia Regional Centre, Varanasi	
Dr. M. Sujatha	Director, ICAR-IIOR, Hyderabad	
Dr. N. Ravi Shankar	Principal Scientist ICAR-IIFSR, Modipuram	
Dr. B.C. Virakamath	Ex- Director, ICAR-IIRR, Hyderabad	
Dr. V. Ravindra Babu	Ex- Director, ICAR-IIRR, Hyderabad	

National Advisory Members

Prof. M. S. Swaminathan, Chairman, MSSRF, Chennai Dr. Alapati Satyanarayana, Retd. Director of Extension ANGRAU Dr. Thiyagarajan, T.M. Dean, Faculty of Agricultural Sciences, SRMIST. Dr. P. Chandra Shekara, Director, MANAGE Hyderabad Dr. Sagar Hanuman Singh, Director General, NIPHM Dr. Singh, A.K. Secretary, NAAS; former Vice Chancellor, Rajmata Viyayaraje Scindia Krishi Vishwavidyalaya, Gwalior Dr. S. K. Malhotra, Agriculture Commissioner, GOI New Delhi Sri. Chiranjiv Singh, IAS (Retd.), Chairman, AME Foundation, Bengaluru; former Development Commissioner, Karnataka. Dr. Barah, B.C., Retired Prof. (Economics) NCAP, ICAR, New Delhi Dr. Shambu Prasad, C. Professor, IRMA, Anand. Dr. EA Siddique, Ex. Deputy Director General, ICAR Prof. Ashok M.V., former Chief General Manager, NABARD, Adjunct Professor in Agribusiness, CAU, Imphal, Manipur. Mr. Narendranath Damodaran, Ex-officio, Member-Secretary and Executive Director, PRADAN, New Delhi. Dr. Sivadhar, Secretary ISA New Delhi Mr. Swomya Prakash, Program Coordinator, RRAN, Ahmedabad. Dr. Ravi Chopra, Chairperson, PRAN Mr. Jacob Nellithanam, Research Coordinator, CIFS, Bilaspur Dr. A. Ravindra, Director. WASSAN-Hyderabad Dr. Vinod Goud, Consulting Services in agriculture, forestry, horticulture and rural development projects, monitoring and evaluation Dr. R. K. Tewatia, Director, FAI, New Delhi Dr. Ramendra Sigh, Scientific Advisor, Coromondal Telangana Dr. T. R. Keshavan, Group President, TAFE limited Chennai Mr. G. V. Subba Reddy, VP, Coromondal International Ltd A.P Dr. Sabarmathi, SAMBHAV Orissa Mr. Nityananda Dhal, PRADAN Sri. Anil Kumar Verma, Managing Trustee, PRAN Dr. C. V. Rathnavati, Acting Director, ICAR-IIMR Dr. Dayakar Rao B, Principal Scientist Agrl. Economics IIMR Dr. B. Venkatesh Bhatt, Principal Scientist, Plant Breeding IIMR Dr. Rajeev Ahal, Director, NRM, GIZ Dr. G. Suresh , Principal Scientist Agronomy , ICAR-IIOR Dr. Venkat Ramana - University Head Agronomy - PJTSAU Dr. G. S. G. Ayyangar, IAS, ,Retd. Senior Deputy Director General Dr. Y. Chandra Mohan, Senior Scientist, PJTSAU Dr. Vijay Pal Bhadana, Principal Scientist, ICAR-IIAB Dr. Pathik B. Patel, Zonal Coordinator, SARR Dr. V. K. Srivastava, Zonal Coordinator, SARR Dr. Pratyaya Jagannath, NRLM Dr. S. Ghosh , Retd. NABARD Dr. A. Prathap Kumar Reddy Chairman ISA ANGRAU Dr. B. N. V. S. R. Ravi Kumar , Principal Scientist, RARS Maruteru Dr. S. Gopala Krishnan, Principal Scientist, ICAR-IARI Dr. Ekadri, Head Agronomy, PJTSAU Shri. Yugandhar, PRAANADHARA- A.P Sri. Mallesh - CultYvate , BANGALORE Dr. K. Yella Reddy, Dean, ANGRAU, Andhra Pradesh Dr. DK Singh, Principal Scientist & Head, Agronomy, Pantnagar Dr. Buta Singh, Principal Scientist, Agronomy, PAU, Ludhiana Dr. Gururaj Katti, Retd. CPS, IIRR, Rajendranagr, Hyderabad Dr. K. Anitha, Officer Incharge, NBPGR, Hyderabad Dr. Palani Swamy, IWMI Dr. Krishna Reddy, Associate Professor, NIRD&PR Dr. M. Malla Reddy, Secretary, ISA, Hyderabad Chapter

International Advisory Members

Dr. Norman Uphoff, Professor emeritus of Government and International Agriculture; Senior Advisor, SRI-Rice, International Programs/CALS, Cornell University, Ithaca, NY.

Dr. Biksham Gujja, Fmr. Head, Water Programme, WWF-International and Founder, AgSRI

Dr. Balasubramanian, V. former CREMNET Coordinator, IRRI

Dr. P.V. Vara Prasad, Director, Sustainable Intensification Innovation Lab University , President, CSSA, USA

Dr. Abha Mishra, Director, Asian Centre of Innovation for Sustainable Agriculture Intensification (ACISAI); Thailand.

Mr. Francesco Carnevale Zampaolo Programme Director, SRI-2030, UK

Dr. Aravind Kumar, DDG, ICRISAT

Dr. P.K. Joshi, Fmr. Director, South Asia-IFPRI

Dr. Anjani Kumar, IFPRI

Prof. Amir Kassam, Visiting Professor, School of Agriculture, Policy and Development, University of Reading, UK.

Dr. Anizan Isahak, Faculty of Science and Technology, University Kebangsaan, Selangor, Malaysia.

Dr. Bancy Mati, Director, WARREC, Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya.

Ms. Rita Sharma, Secretary, National Advisory Council

Dr. Dominic Glover, Research Fellow, Institute of Development Studies, Brighton, UK.

Dr. Harro Maat, Associate Professor, Wageningen **Agricultural University, The Netherlands.**

Dr. Iswandi Anas, Head of Soil Biotechnology Division, Bogor Agricultural University, Bogor, Indonesia.

Dr. Joongdae Choi, Kangwon National University, Republic of Korea.

Prof. Gabrijel Ondraseek, University of Zagreb, Croatia

Prof. Saran Sohi, University of Edinburgh, Scotland

Ms. Le Minh, Global Agriculture Advisor, Oxfam America, based in Vietnam.

Dr. Ale Srinivas, Associate Professor, Texas, USA

Dr. Lucy H. Fisher, Associate Director for Communications, SRI-Rice, Cornell University, Ithaca, New York, USA.

Dr. Muazzam Husain, A.M. Chairman, Bangladesh Rice Foundation, Dhaka, Bangladesh.

Dr. Rajendra Uprety, Senior Agriculture Extension Officer, Regional Agriculture Directorate, Biratnagar, Nepal.

Dr. M. L. Jat *P*rincipal scientist and systems agronomist, CYMMYT **Mr. Shuichi Sato**, Secretary of Japan Association for SRI (J-SRI),

Tokyo, Japan.

Dr. Wijayaratna, C.M. Agriculture Strategy Specialist, Auckland, New Zealand.

Dr. Willem Stoop, STOOP Consult: R and D for Tropical Agriculture, Driebergen, The Netherlands.

Dr. Zhu Defeng, Professor, Research and Development Centre of Rice Cropping Technology, (CNRRI), Hangzhou, P.R. China.

Dr. Virender Kumar, Systems Agronomy, IRRI

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