

Ongoing projects of ICAR IISS Bhopal

Sl. No	Title of the project	PI and CoPIs of the project	Duration	RPF-I,II,III status	Budget (In lakhs)	Project code
1.	All India Network Project on organic farming (External funded by ICAR-IIFSR, Modipuram)	A. B. Singh, B.P. Meena, K. Ramesh, Brij Lal Lakaria, S. Ramana, J.K. Thakur	Kharif 2004 to March 2018 extended upto March 2022	progress report submitted 2013-14, 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20, and 2020-21	117.24 (budget 2004-05 to 2020-21)	NRMAIISSEO L20040010006 3
2.	Assessment of important soil properties of India using mid-infrared spectroscopy funded by ICRAF, Nairobi, Kenya	K.M. Hati, M. Mohanty, Pramod Jha, R.S. Chaudhary, N.K. Sinha, J.K. Thakur, M. V. Coumar, Pradip Dey, Muneshwar Singh, A.K. Patra, Javed Rizvi, Dhiraj Kumar	May 2015 to June 2020 extended up to March 2026	Status report and RPP-I submitted	70.50	NRMAIISSESI L20150070015 4
3.	Development, adaptation and refinement of location specific CA practices for enhancing productivity and profitability of rainfed eco-systems (Consortium Research Platform on Conservation Agriculture (External funded)	A.K. Biswas, R.S. Chaudhary, K.M. Hati, J. Somasundara	April 2015 to March 2025	Project document submitted (Report for	350.00 (2015-16) (2016-17)	NRMAIISSCO L20150060017 4

		m A.K. Vishwakarma, R.K. Singh, Pramod Jha		2015-16; 2016-17, 2017-18, 2018-19, 2019-20, 2020-21 submitted by Dr Pramod Jha)	269.00 (2017-18), 253.61 (2018-19), 288.98 (2019-20), 327.74 (2020-21), 320.98 (2021-22)	
4.	Use of fly ash in agriculture for sustainable crop protection and environmental protection (NTPC, Noida)	J.K. Saha, M. V. Coumar, Abhijit Sarkar, A.K. Patra, Tapan Adhikari, Ajay, K.M. Hati, Vasudev Meena, Madhumonti Saha, Sangeeta Lenka, Asit Mandal, A.K. Vishwakarma, H Das	30 August, 2021 to 31 July 2031	MoU signed and revised amendment is awaited	1253.516	NRMAIISSCO L20170040018 3
5.	Enhancement of Soil Health and Livelihood of Tribals in Central India	RH Wanjari, R Elanchezhian,	October 2018 to	project document	61.45+19.93=81.38	NRMAIISSSI L20190030020

		Prabhat Tripathi, RK Singh, KC Shinogi, Vassanda Coumar, Vasu dev Meena, AL Kamble, Utkarsh Tiwari, J Somasundara m, Abhay Shirale, Asit Mandal, Hiranmoy Das, AB Singh, Asha Sahu, SK Behera, AK Vishwakarma, Monoranjan Mohanty, Seema Bhardwaj, Madhumonti Saha, Sanjay Srivastava, K Bharati, Priya Gurav Pandurang, BP Meena, AK Tripathi, Abhijit Sarkar, NK	March 2021 extended up to March 2026	RPP-I, RPP- II (2018-19, 2019-2020) submitted		3
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		Sinha, JK Thakur, S.K. Badodiya, I/c KVK Barwani (MP), B.S. Rajput, I/c KVK Rajnandgaon (Chhattisgarh) and VK Verma, I/c KVK Betul (MP)				
6.	Enhancing livelihood security of subsistence farming community through improvement in soil health crop productivity and capacity building in Bhopal district of Madhya Pradesh	BL Lakaria, AK Ajay, AK Vishwakarma, Jitendra Kumar, Dolamani Amat and all scientists of all divisions	Oct 2020 to March 2026	RPP-I submitted	77.58 (2020-21 and 2021- 22)	NRMAIISSEO L20200040021 6
7.	Microbial based agricultural waste management using vermicomposting funded by Swachhta Action Plan, ICAR, New Delhi	AK Patra, AK Vishwakarma, JK Thakur, AB Singh, BL Lakaria, BP Meena, RS Chaudhary, MC Manna, Asha Sahu, Asit Mandal	October 2020 to March 2026	Document submitted	56.65	NRMAIISSSI L20200050021 9
8.	Assessment of traditional knowledge system of tribal	Shinogi KC,	Septembe	Project	42.26816	NRMAIISSEO

	farmers for managing land resources	Sanjay Srivastava, Sudeshana Bhattacharjya, Dinesh Kumar Yadav	r 2023 to August 2026	proposal, Saction Order		L2023003002240
9.	Assessing soil quality and yield sustainability under long term soil test crop response correlation (STCR) based nutrient in major soil orders of India	Immanuel C Haokip, Pradip Dey, NK Lenka, Dhiraj Kumar, M. Homeshwari Devi, Khushboo Rani, R.H. Wanjari, A.K. Tripathi	July 2022 to August 2026	Status report, RPP-I submitted		NRMAIISSEO L2022001300241
10.	ICAR Network Program on Precision Agriculture	NK Sinha, J Somasundaram, M. Mohanty, Pradip Dey, Jitendra Kumar, Dhiraj Kumar, Alka Rani, KM Hati, RS Chaudhary, AK Patra, Rahul Mishra, Sanjay Srivastava, Immanuel	August 2021 to July 2026		220.89	NRMAIISSEO L202101400242

		CH, Nisha Sahu				
11.	Science technology and innovation hub in Gyaraspur block Vidisha district of MP funded by DST, New Delhi	US Sharma, SR Azad (MPVS), AK Vishwakarma, AK Tripathi, MV Coumar,	July 2023 to June 2026	Document submitted	123.3052 0	NRMAISSCO L20230020024 3
12.	Soil Carbon sequestration and greenhouse gas reduction through sustainable agricultural practices for central India funded by Ministry of Agriculture and Farmers Welfare, New Delhi	Sangeeta Lenka, Pramod Jha, S.K. Behera, M. Vassanda Coumar, N.K. Sinha, R. Elanchezhian, R.K. Singh, Shinogi KC, B.P. Meena, Sudeshna Bhattacharjya, Dhiraj Kumar, D.K. Yadav, Rahul Mishra	28 November 2024 to 27 November 2028	Project document submitted	66.58	NRMAISSCO L20240020025 2
13.	Enrichment of FOM product from CBG Plant and development of package of practices (PoP) for major crops funded by Gobardhan scheme (ICAR-IIFSR, Modipuram)	Abhijit Sarkar, Sangeeta Lenka, Madhumonti Saha, Dinesh K Yadav, M. Vassanda Coumar, B.P. Meena, Asit	16 January 2025 to 15 January 2030	Project document submitted	58.75	NRMAISSCO L20250010025 4

		Mandal, Jayanta Kumar Saha, Tapan Adhikari				
14.	Evaluation of efficacy of sulphur, magnesium and micronutrients containing complex fertilizers for maximizing yield through balanced nutrition of important crops grown in India funded by SML Limited, (Formerly Sulphur Mills Limited), 404/405-604/605, 349- Business Point, W.E. Highway, Andheri (E), Mumbai - 400069	S.K. Behera, B.P. Meena, Rahul Mishra, Seema Bhadwaj, Dhiraj Kumar	January 2025 to January 2027	Document submitted	11096307	NRMAIISSSC L20250020025 5
15.	Effect of nano urea and DAP and popularization of its use in crop production funded by	S.K. Behera, Rahul Mishra, Tapan Adhikari, B.P. Meena, Pramod Jha, R. Elanchezhian	November 2024 to October 2026	Project document submitted	96.0025	NRMAIISSCO L20240030025 6
16.	Mega Project Assessment and Management of Pollution in Soil-Water-Air-Plant Continuum (SWAPC) for Sustainable Crop Production and Environmental Protection	Tapan Adhikari, Ajay, J.K. Saha, Sangeeta Lenka, M.V. Coumar, Nisha Sahu, Abhijit Sarkar, Madhumonti Saha, Dinesh Kumar Yadav, N.K. Lenka, Pramod Jha, Asit Mandal, N.K. Sinha,	01 July 2024 to 30 June 2029	RPP-I submitted	324	NRMAIISSSO L20250030025 7

		B.P. Meena, Abinash Das				
17.	Mega Project Enhancing nutrient use efficiency, and managing soil health for sustainable crop production and improved produce quality	S.K. Behera, A.K. Biswas, Sanjay Srivastava, Pramod Jha, R. Elanchezhian, Shinogi KC, B.P. Meena, Narayan Lal, Seema Bhardwaj, Khushboo Rani, Dhiraj Kumar, Immanuel Chongboi Haokip, Rahul Mishra, Sudeshna Bhattacharjya, R.H. Wanjari, J.K. Thakur, N.K. Sinha, Jitendra Kumar, Abinash Das, S.R. Mohanty, M.K. Tripathi, M. Homeshwari Devi, Nisha	01 July 2024 to 30 June 2029	RPP-I submitted	709.75	NRMAIISSSO L20250040025 8

		Sahu, Prabhat Tripathi, Ajay, R.S. Chaudhary				
18.	Mega Project Improving soil physical environment through resource conservation and precision management tools for climate resilient agriculture	N.K. Lenka, Prabhat Tripathi, R.K. Singh, N.K. Sinha, Jitendra Kumar, Alka Rani, R.S. Chaudhary, R. Elanchezhian, Sangeeta Lenka, Pramod Jha, Immanuel Haokip Chongboi, Rahul Mishra, Dhiraj Kumar, Abhijit Sarkar, Madhumonti Saha, Dinesh Kumar Yadav, Narayan Lal	01 July 2024 to 30 June 2029	RPP-I submitted	725	NRMAIIS SSO L20250050025 9
19.	Mega Project Structure and function of biomes in agro-ecosystems for prospecting biological resources to improve soil health, crop response, green house gas mitigation and ecosystem services	S.R. Mohanty, A.K. Tripathi, K. Bharati, Asit Mandal, J.K. Thakur, Asha Sahu, Sudeshna	01 July 2024 to 30 June 2029	RPP-I submitted	540	NRMAIIS SSO L20250060026 0

		Bhattacharjya, M. Homeshwari Devi, Abinash Das				
20.	Investigating the effect of enhanced rock weathering in carbon dioxide removal and GHG emission reduction; comparing three predominant soil types of India funded by M/s Core CarbonX Sols Pvt Ltd, Telangana	Sangeeta Lenka, M. Vassanda Coumar, Pramod Jha, Madhumonti Saha, Tapan Adhikari, NK Lenka	1 April 2025 to 31 March 2027	MoU, CR-I, Annexure JIMP submitted	31.63420	NRMAIISSC L20250040026 1
21.	Methylotrophs driven bioconversion of C1 compounds to carotenoids for mitigation of greenhouse gas, enhancing nutrient uptake and alleviation of UV radiation stress in agriculture funded by India-Canada	SR Mohanty, K Bharati, Asha Sahu, Sudeshna Bhattacharjya, Homeshwari Devi M	April 2025 to March 2027	RPP-I submitted	92.00	NRMAIISSCO L20250040026 2
22.	Network project on Evaluating green ammonia as an alternate nitrogenous fertilizer in dominant soil and cropping systems of India funded by ACME Cleantech Solutions Pvt Ltd, Gurgaon	M Mohanty, NK Lenka, NK Sinha, Sangeeta Lenka, Pramod Jha, Jitendra Kumar, MV Coumar, Asha Sahu, Prabhat Tripathi, Abinash Das	21 July 2025 to 20 July 2028	MoU submitted	362.86	NRMAIISSC L20250060026 2

23.	Network project on “Evaluation of nano urea on crop productivity and nitrogen use efficiency in diverse Agro-Ecological Zones of India funded by Rashtriya Chemicals and Fertilizers Limited (RCF)/ National Fertilizers Limited (NFL)/Fertilizers and Chemicals Travancore Limited (FACT)/(Madras Fertilizers Limited) (MFL)/ Indian Farmers Fertilizer Cooperative Limited (IFFCO)	M. Mohanty, Saniib Kumar Behera, Tapan Adhikari, R.Elanchezhian, Pramod Jha, Prabhat Tripathi, Jyoti Kumar Thakur, Bharat Prakash Meena, Jitendra Kumar, Dhiraj Kumar, Abhijit Sarkar, Rahul Mishra, Dinesh Kumar Yadav, Abinash Das	18 November 2025 to 17 November 2030	CR-I, MoU, submitted	2199.99980	NRMAIISSSC L20250060026 4
24.	Network project on Effect of Liquid Fermented Organic Manure (LFOM) on crop productivity and soil health in selected Agro-ecological zones of India funded by Deptt. of Fertilizers, Mini of Chemicals and Fertilizers, Govt. of India	M Mohanty, Abhijit Sarkar, J.K. Thakur, B.P. Meena, Asit Mandal, D.K. Yadav, Dhiraj Kumar, Khushboo Rani, Jitendra Kumar,	July 2025 to June 2028	Document submitted	1347.14	NRMAIISSCO L20250070026 5

		Madhumonti Saha, R. Elanchezhian, S.R. Mohanty, Tapan Adhikari				
25.	Network project on Enhancing shelf life and functional efficiency of biofertilizers for scalable production and widespread adoption	M Mohanty, S R Mohanty, J.K. Thakur, K Bharati, A Mandal, A Sahu, S Bhattacharjya, M H Devi, A Das	July 2025 to June 2029	Document submitted	131.86	NRMAIISSEO L20180130026 6
26.	Validation and Commercialization of Non-Conventional Fertilizer Products for Improving Nutrient Use Efficiency and Crop Productivity	M Mohanty, Tapan Adhikari, M. Vassanda Coumar, B.P. Meena, Prabhat Tripathi	July 2025 to June 2028	Document submitted	106.20	NRMAIISSEO L20250090026 7
27.	Spatio-temporal variation in microbial diversity and soil nutrient transformations under natureal farming, organic farming vis-a-vis conventional agriculture funded by Anusandhan National Research Foundation (ANRF), New Mehrauli Road, New Delhi	Jyoti Kumar Thakur, NK Sinha, Asit Mandal, Pramod Jha, Sudeshna Bhattacharjya	15 October 2024 to 14 October 2027	Progress report (2024-25) submitted	30.497	NRMAIISSEO L20240020026 8
28.	Assessment of carbon stocks in the Wetland Ecosystems of	MV Coumar,	04 June	Document	44.885	NRMAIISSEO

	Sakhya Sagar, Shivpuri and Tawa Reservoir, Narmadapuram funded by MP State Wetland Authority, Environmental Department, Govt. of MP.	Pramod Jha, Sangeeta Lenka, DK Yadav, Tapan Adhikari	2025 to 03 June 2027	submitted		L20250050026 9
29.	Biopolymer based high density microbial bioformulation for enhancing crop productivity under abiotic stress funded by DBT BIRAC	SR Mohanty, K Bharati, MH Devi	September 2025 to September 2027	RPP-I submitted	50.00	NRMAIISSCO L20250600270