



ASSOCIATION OF AGROMETEOROLOGISTS

Twenty fifth Annual Report 2022-2023

(NITI Aayog NGO registration: GJ/2016/0105666)

General Body Meeting

The Twenty fifth Annual General Body meeting of Association of Agrometeorologists was held at Seminar Hall-1, TNAU, Coimbatore on February 16th 2023 on hybrid mode (online and offline). Dr S. K. BAL, Acting President of the Association presided over the meeting and was assisted by the EC members. Fifty one (51) members were present physically and twenty eight (28) members attended meeting virtually.

Dr S. K. Bal, President of the Association welcome the members and congratulated the LOC members of AGMET 2022 for successful organization of seminar. There after he informed the progress made by the Association in terms of its membership, financial assets and publication of Journal of Agrometeorology. Annual account report presented by the secretary, AAM and same was approved by house.

GB approved the name of Dr Ajeeth K. as a returning officer for general election of AAM for 2023-25. He announced the house that election will be held online and explained the rules and regulations, number of posts etc. He also informed that the election will be conducted through election buddy software and ballot will be sent on registered email id of members. He announced the dates for election process. Secretary also informed three new awards Dr Balakrishna Pillai Best Scientist Award, Dr Vyas Pandey Award for best article published in Journal of Agrometeorology by an Indian author and Dr Y.S. Ramakrishna innovative scientist award have been constituted under the society.

Executive Council

During the year 2022-23, Executive council met three times. The first meeting of Executive Council of Association was held on 26th September 2022, and second was on 28th January 2023 using Google meet virtual platform. Third meeting was organized at Seminar Hall-1, TNAU, Coimbatore on February 15th 2023 Major decision taken by EC during the year 2022-23, EC members unanimously decided election process and rules regulations of general election of AAM. EC decided that th election process should be completed up to 27th March 2023. EC also Finalized of Awards for 2022, EC Nominated returning officer for next election to be held on March 2023. EC decided to get application evaluated through online mode, EC also authorized to President and Secretary to finalize the expert committee members for various award for 2022.

Chapter activities

Pantnagar Chapter

By Pantnagar chapter, A lecture was organized by Department of Agrometeorology on April 5, 2022 in which Dr. Laetitia Willocquet, Scientist, INRAE, France delivered on the topic "Analysis of the effect of climate on plant disease epidemics and crop losses".

Raipur chapter

By Raipur chapter, International Mother Earth Day is celebrated to shed light on the environmental issues which are surrounding our planet and take actions to save the environment. Every year, April 22 is celebrated as International Mother Earth Day. Earth Day was celebrated on 22 April, 2022 at Govt. Boys Higher Secondary School, Nardaha (Arang), Raipur. Second event of Raipur Chapter, there was celebration of **World Environment Day** on **9 June, 2022** at Village Charoda, District Mahasamund. This programme was organized by Association of Agrometeorologists, Raipur Chapter collaboration with Water Resources Department, Raipur under World Bank Aided National hydrological Project.

Thrissur Chapter

The World Meteorological Day was celebrated on 23-03-2023 by the Department of Agricultural Meteorology, College of Agriculture, Vellanikkara in association with the Association of Agrometeorologists (AAM), Thrissur chapter

Organization of seminar

The National Conference on **“Advances in Agrometeorological Interventions for Climate Resilient Agriculture (AGMET-2022)”** was 11th in the series of National Seminars/Conferences organized by the Association of Agrometeorologists (AAM) - India. During this year, the conference was organized in collaboration with Tamil Nadu Agricultural University, Coimbatore during 15-17, February 2023. The AAM – Coimbatore Chapter took the lead in organizing this National Conference AGMET2022. On 15.02.2022, the inaugural function of the National Conference was held at the Anna Auditorium of TNAU, Coimbatore. Dr. M.K.Kalarani, Chairman of the Organizing Committee and Director of Crop Management, TNAU welcomed the gathering. An opening remarks was offered by Dr. Santanu Kumar Pal, the Acting President of AAM, Anand followed by felicitation by the Senior Agrometeorologist Dr. G.S.H.L.V. Rao. Dr S.B. Yadav Secretary, AAM announced the name of different awardees for 2022 and Awardees of FAAM, best M.Sc and Ph.D thesis, best research paper and Dr. S. Venkataraman young scientist were honoured at the Inaugural function with certificate of merit and memento by AAM.

Abstract for the conference was invited under nine themes *viz.*, **i.** Climate variability and extreme events on agriculture, **ii.** Micrometeorological modifications for Climate Resilience, **iii.**

GHGs and air pollution in Agro-eco systems **iv.** Climate change and allied sciences **v.** Climate Change on Livestock, Poultry and Fisheries **vi.** Crop weather models in farm level decision making **vii.** Crop weather pest dynamics and forewarning, **viii.** RS & GIS in agrometeorological applications and **ix.** ITK and ICT tools in Climate Services. Out of 370 abstracts received and 250 relevant abstracts alone were selected by the Editorial committee for the conference and they were finally grouped in to five themes as listed below. Totally 244 participants from 22 different states of India were registered for the AGMET 2022

There were separate oral and poster sessions for the faculties and students participants in all the five themes, totally 10 sessions spread well over all three days. Every theme was started with lead lecture followed by the oral presentations. The committee nominated Chair, Co-Chair and Rapporteur for conducting the technical sessions and selected top three best oral and poster presentation from each sessions and issued Certificate of Merit during the Valedictory function

Enrollment of Members

During the year 2022-2023, 43-Life Members were enrolled with Association. Thus the total number of life memberships increased up to 1847 by the end of March 2023. A total of 82 Annual members, 54 Student members were enrolled during the year 2022.

Financial Status

During the year **2022-2023** the total income was **Rs.18,66,929.50/-** and the total expenditure was **Rs. 19,77,057.05/-** giving a loss of **Rs. 1,10,127.55/-** A sum of **Rs. 82,00,432.55/-** has been kept as fixed deposit with Central Bank of India which includes FD for various awards and memorial lectures.

Awards / Fellowship

Separate Committee of experts evaluated the applications received for various awards for 2022 and finalized the various awards on basis of average marks obtained by candidates.

(1) Fellow of Association of Agrometeorologists

Dr. Saon Banerjee, Professor and Former-Head, Department of Agricultural Meteorology and Physics, AICRP on Agrometeorology, Nodal Officer Agromet Advisory Service, BCKV, Nadia, West Bengal and Dr. Joydeep Mukherjee, Principal Scientist, Division of Agricultural Physics, ICAR- IARI, New Delhi.

(2) Dr S. Vekatraman Young Scientist Award

Dr. S. Kokilavani, Assistant Professor (Agricultural Meteorology), ACRC, TNAU, Coimbatore-3.

(3) Dr P. D. Mistry Best Ph.D. Thesis Award

Dr. M. A. Sarath Chandran, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, West Bengal.

(4) Professor P.S.N. Sastry for Best M.Sc. Thesis Award

Ms. Chinnu Raju, Department of Agricultural Meteorology, College of Agriculture, Vellanikkara, Thrissur, Kerala.

(5) Prof. S. Venkatraman best paper Award on abiotic and biotic stress management

The research paper entitled “*Modelling climate smart rice-wheat production system in the middle Gangetic plains of India*” authored by Abdus Sattar and R. C. Srivastava published in *Theoretical and Applied Climatology* (2021) 144:77-91, DOI:<https://doi.org/10.1007/s00704-020-03497-6> submitted by Dr. Abdus Sattar was recommended for Award.

(6) Prof. B. V. Ramana Rao best paper Award on Agricultural Meteorology

The paper entitled “*Algorithms for weather-based management decisions in major rainfed crops of India: Validation using data from multi-location field experiments*” authored by P. Vijaya Kumar, Santanu Kumar Bal, Rajkumar Dhakar, M. A. Sarath Chandran, A. V. M. Subba Rao, V. M. Sandeep, V. P. Pramod, S. N. Malleswari, G. Sudhakar, N. S. Solanki, H. S. Shivaramu, M. M. Lunagaria, K. K. Dakhore, V. M. Londhe, Mahender Singh, Pragyan Kumari, S. Subbulakshmi, M. H. Manjunatha and N. J. Chaudhari published in *Agronomy Journal* (2021) 113:1816-1830, DOI:<https://doi.org/10.1002/agj2.20518> submitted by Dr P. Vijaya Kumar was recommended for Award.

(7) Nomination of Honorary Fellows for 2022

The following two eminent scientists conferred Honorary Fellowship during inaugural function in SKUAST-Kashmir AGMET 2022 on 15 February 2023 at TNAU, Coimbatore

- (i) **Dr. V. K. Dadhwal**, Former Director Indian Institute of Space Science and Technology (IIST) and National Remote Sensing Centre (NRSC), ISRO, India
- (ii) **Dr. G.S.L.H.V. Prasada Rao**, Retd. Professor and Head, Department of Agricultural Meteorology and Associate Director Research, Kerala Agricultural University, Kerala, India.

Publication of Journal of Agrometeorology

The *Journal of Agrometeorology* (JAM) with ISSN 0972-1665 (print) and 2583-2980 (online), is a quarterly publication of Association of Agrometeorologists, Anand, Gujarat, India, appearing in March, June, September and December. Since its beginning in 1999 till 2016, it was a half yearly publication appearing in June and December. The journal publishes original articles, full length papers, short communications, and review articles in addition to invited papers in English only. The research contributions are published after peer review and approved by the Editorial Board of JAM. All the publications are available on our dynamic website <https://journal.agrimetassociation.org>.

During the year we received proposal from different publishing agency for collaboration in publication which were denied. The journal is well appreciated by National and International

organizations. It is being indexed by CAB International, Current contents, INSDOC, Scopus, AGRICOLA and many more others indexing agencies. During 2021, **432** papers were received, including **25** papers from foreign countries, **80** papers were published /accepted, **352** papers were rejected and rests are under the process of revision. The journal is being indexed in most of the scientific indexing services and has its increasing impact factor since 2008.

Impact Factor and Indexing

[SCOPUS](#) Cite Score (2022) is 1.2, SJR 0.25, SNIP 0.776;

[Scimago Journal & country ranking](#) (2022) H-Index = 14, IF=0.706;

[SCIJOURNAL.ORG](#) WOS IF (2021) = 0.557; SCOPUS IF (2021) = 0.484;

[Bioxbio.com](#); IF (2020):0.557

[Academic accelerator](#) ; IF= 0.27

[Resurchify.com](#) Impact Score (2022) = 0.71, H-index=14, Rank=16757;

[NAAS](#) scores (2023) = 6.00;

[Google Scholar](#): Citations =7518; h-index=27; i10-index=245 (as on July 28, 2023)

UGC CARE list group-II; and many more

The journal can be subscribed by Libraries/Institutions annually by paying the requisite amount of subscription fee. The journal can be subscribed by Libraries/Institutions annually by paying the requisite amount of subscription fee.

Web Page of the Association

Association has developed its new dynamic website with its domain name www.agrimetassociation.org. Member can view/edit/update their profile on the website. New members can also register/enroll on the website. All abstracts and full papers are available on website with search engine. Event gallery is also provided. The social media account search as Facebook, twitter, instagram etc are provided to increase visibility of the Association. All members are requested to visit the site and give their feedback for its further improvement to secretary.aam@gmail.com. The online submission of manuscript and review system is under development.



(S. B. Yadav)

Secretary

Email: secretary.aam@gmail.com



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Association Of Agrometeorologists : Anand Agricultural University ,Anand
Income and Expenditure Account for the year ended on 31-03-2023

RECEIPTS		PAYMENTS	
	Amount (Rs.)		Amount (Rs.)
To Fees Income	216651.00	By Salary Exps.	193300.00
To Govt. Grant Last year 125000+300000	425000.00 ICAR + MoES	By Printing And Doi Allotment Charges	420569.00
To Interest On F D R	247500.00	By Miscellaneous Exps.	14523.00
To Income Tax Refund	82700.00	By Bank Charges.	542.21
To Loss Trf To B S	17351.21	By Charity Contribution Exps.	14783.00
		By Computer Exps.	8000.00
		By Honorarium Exps.	32000.00
		By Medal And Awards Exps.	36620.00
		By Postage & Courier	23150.00
		By Transfer To Coimbatore	200000.00
		By Travelling Exps.	28841.00
		By Website Exps.	16974.00
TOTAL	971851.00	TOTAL	989202.21

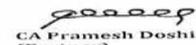
Place: Anand
Date: 14-08-2023

For, Association Of Agrometeorologists (A.A.U-ANAND)


Trustee/Secretary

Secretary / Treasurer
Association of Agrometeorologists
Anand Agri. University
Anand - 388 110. (Guj., India)

For, M. A. Shah & Co.
Chartered Accountants


CA Pramesh Doshi
(Partner)
Mem. No.: 045319
UDIN:



ASSOCIATION OF AGROMETEOROLOGISTS, COIMBATORE
Income and Expenditure Account for the Year Ended 31.03.2023

Particulars	Amount (Rs. Ps.)	Amount (Rs. Ps.)	Particulars	Amount (Rs. Ps.)	Amount (Rs. Ps.)
Indirect Expenses			Indirect Incomes		
National Conference Agmet 2022			National Conference Income Agment 2022		
Bank Charges	118.00		Association Agrometeorologists	200,000.00	
Food Expenses	404,801.00		Bank Interest	5,060.00	
Furniture and Decoration Charges	135,320.00		Registration Fees	713,000.00	
Hall Rent	12,000.00		Sponsorship From M A S U	50,000.00	
Miscellaneous Expenses	7,638.00		Sponsorship From NABARD	100,000.00	1,068,060.00
Refreshments	127,720.00				
Stationary	45,177.00				
Training Kits	182,550.00				
Transports / Travelling Expenses	115,419.00	1,030,743.00			
Excess of Income Over Expenditure		37,317.00			
Total		1,068,060.00	Total		1,068,060.00

UDIN - 232019458GWOSL6250

Place: Coimbatore
Dated:

P.S. & V.S. ASSOCIATES
Chartered Accountants

P. SUNDARESAN, B.Sc., F.C.A.
M.No: 201945
Partner

P.S. & V.S. ASSOCIATES
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B.K. Pudur, Kumbalur (P.O)
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