

## LIST OF BIENNIAL IJMG/IJMHG/MAUSAM AWARD RECIPIENTS

### First Award (1960-61)

The relation between raindrop size distribution, rate of rainfall and the electrical charge carried down by rain in the tropics  
(*IJM&G*, 1960, **11**, 3, 258-268) - *M. V. Sivaramakrishnan*

### Second Award (1962-63)

Mean Meridional air-motion and associated transport processes in the atmosphere  
(*IJM&G*, 1963, **14**, 2, 117-142) - *M. S. V. Rao*

### Third Award (1964-65)

Lee waves associated with a large circular mountain  
(*IJM&G*, 1964, **15**, 4, 547-554) - *P. K. Das*

### Fourth Award (1966-67)

Seismic surface wave dispersion and the crust across the Gangetic basin  
(*IJM&G*, 1966, **17**, 3, 385-394) - *H. M. Chaudhury*

### Fifth Award (1968-69)

Net Terrestrial Radiative Heat Fluxes over India during Monsoon  
(*IJM&G*, 1969, **20**, 1, 1-10) - *R. V. Godbole and R. R. Kelkar*

### Sixth Award (1970-71)

Oceanography of the Arabian Sea during the southwest monsoon season Part I : Thermal structure  
(*IJM&G*, 1970, **21**, 3, 367-382) - *J. S. Sastry and R. S. D'Souza*

Oceanography of the Arabian Sea during the southwest monsoon season Part II : Stratification and circulation  
(*IJM&G*, 1971, **22**, 1, 23-24) - *J. S. Sastry and R. S. D'Souza*

### Seventh Award (1972-73)

A scheme for multi-level objective analysis of contour heights  
(*IJM&G*, 1973, **24**, 2, 101-108) - *B. V. Singh and R. K. Datta*

### Eighth Award (1974-75)

Thermodynamic structure of the atmosphere over India during southwest monsoon season  
(*IJM&G*, 1975, **26**, 2, 169-180) - *V. Srinivasan and V. Sadasivan*

### Ninth Award (1976-77)

Prediction of storm surges on the east coast of India  
(*IJM&G*, 1977, **28**, 2, 157-168) - *S. K. Ghosh*

### **Tenth Award (1978-79)**

The crustal structure of the Hindukush region  
(*IJMH&G*, 1978, **29**, 3, 481-486)

- *R. K. Dube and S. N. Chatterjee*

### **Eleventh Award (1980-81)**

Application of deterministic conceptual model for water balance studies  
(*Mausam*, 1980, **31**, 2, 191-200)

- *S. D. S. Abbi, A. K. Gosain and (Mrs.) P. Narayanan*

### **Twelfth Award (1982-83)**

On the role of large scale energetics in the onset and maintenance of summer monsoon - I : Heat Budget  
(*Mausam*, 1982, **33**, 2, 139-152)

- *U. C. Mohanty, S. K. Dube and P. C. Sinha*

On the role of large scale energetics in the onset and maintenance of summer monsoon - II : Moisture Budget  
(*Mausam*, 1982, **33**, 3, 285-294)

- *U. C. Mohanty, S. K. Dube and P. C. Sinha*

### **Thirteenth Award (1984-85)**

Energetics of the monsoon circulation over south Asia - I : Diabatic heating and the generation of available potential energy  
(*Mausam*, 1985, **36**, 1, 7-12)

- *S. Rajamani*

Energetics of the monsoon circulation over south Asia - II : Energy terms and energy transformation terms  
(*Mausam*, 1985, **36**, 4, 405-412)

- *S. Rajamani*

### **Fourteenth Award (1986-87)**

Effect of Ekman boundary layer friction on the baroclinic growth of monsoon depression  
(*Mausam*, 1986, **37**, 2, 147-152)

- *(Mrs.) P. S. Salvekar and S. K. Mishra*

### **Fifteenth Award (1988-89)**

A model of tropical storm from temperature anomaly distributions  
(*Mausam*, 1988, **39**, 4, 367-374)

- *J. C. Mandai*

### **Sixteenth Award (1990-91)**

On the intra seasonal variations of the Asiatic summer monsoon  
(*Mausam*, 1990, **41**, 1, 11-20)

- *Chandrasekhara R. Kondragunta*

### **Seventeenth Award (1992-93)**

Numerical simulation of a tropical storm boundary layer  
(*Mausam*, 1992, **43**, 3, 259-268)

- *J. C. Mandal*

### **Eighteenth Award (1994-95)**

Understanding biosphere - precipitation relationships: Theory, model simulations and logical inferences

(*Mausam*, 1995, **46**, 1, 1-14)

- *Y. C. Sud, K. M. Lau, G. K. Walker and J. H. Kim*

### **Nineteenth Award (1996-97)**

Impact of parameterized convection on a numerically simulated tropical cyclone structure

(*Mausam*, 1997, **48**, 2, 135-156)

- *Mukut B. Mathur*

### **Twentieth Award (1998-99)**

Aerosol - cloud - climate effect : Study with a radiative transfer model

(*Mausam*, 1998, **49**, 2, 195-202)

- *M. Rajeevan*

### **Twenty-first Award (2000-2001)**

The effect of Indian Ocean Warming on the Indian monsoon : An atmospheric model study

(*Mausam*, 2001, **52**, 1, 151-162)

- *David Bachiochi, Bhaskar Jha and  
T. N. Krishnamurti*

### **Twenty-second Award (2002-2003)**

On forecasting cyclone movement using TOVS data

(*Mausam*, 2002, **53**, 2, 215-224)

- *R. Suresh and S. Rengarajan*

### **Twenty-third Award (2004-2005)**

The West African dipole in rainfall and its forcing mechanisms in global and regional climate models

(*Mausam*, 2004, **55**, 4, 561-582)

- *Heiko Paeth and Jochen Stuck*

### **Twenty-fourth Award (2006-2007)**

Parameterization of momentum flux and energy flux associated with orographically excited internal gravity waves in a baroclinic background flow

(*Mausam*, 2007, **58**, 4, 459-470)

- *Somenath Dutta*

### **Twenty-fifth Award (2008-2009)**

Daily summer monsoon rainfall over northeast India due to synoptic scale systems

(*Mausam*, 2008, **59**, 1, 35-50)

- *M. Mohapatra, H. R. Biswas and G. K. Sawaisarje*

### **Twenty-sixth Award (2010-2011)**

Changes in total cloud cover over India based upon 1961-2007 surface observations

(*Mausam*, 2010, **61**, 4, 455-468)

- *A. K. jaswal*

### **Twenty-seventh Award (2012-2013)**

Use of SWIRLS Nowcasting System for Quantitative Precipitation Forecast Using Indian DWR Data

(*Mausam*, 2012, **63**, 1, 1-16)

– *Kuldeep Srivastava, Sharon S. Y. Lau, H. Y. Yeung, T. L. Cheng, Rashmi Bhardwaj, A. M. Kannan, S. K. Roy Bhowmik and Hari Singh*

### **Twenty-eighth Award (2014-2015)**

Impact study of integrated precipitable water estimated from Indian GPS measurements

(*Mausam*, 2014, **65**, 4, 461-480)

– *Surya Kanti Dutta, V. S. Prasad and D. Rajan*

### **Twenty-ninth Award (2016-2017)**

Progress of Indian summer monsoon onset and convective episodes over Indo-Pacific region observed during 2009-2014

(*Mausam*, 2016, **67**, 4, 803-828)

– *S. P. Ghanekar, S. G. Narkhedkar and D. R. Sikka*

### **Thirtieth Award (2018-2019)**

Evolution of operational extended range forecast system of IMD: Prospects of its applications in different sectors

(*Mausam*, 2019, **70**, 2, 233-264)

– *D. R. Pattanaik, A. K. Sahai, Raju Mandal, R. Phani Muralikrishna, A. Dey, R. Chattopadhyay, S. Joseph, Amar Deep Tiwari and Vimal Mishra*

## **द्विवार्षिक मौसम शोध पुरस्कार प्राप्त करने वाले लेखकों की सूची**

### **प्रथम मौसम शोध पुरस्कार (1996–97)**

दक्षिण भारतीय पठार पर होने वाली मानसूनी वर्षा का प्रधान अवयव विश्लेषण

(*मौसम*, 1997, **48**, 1, 77–82)

– ओ. पी. सिंह

### **द्वितीय मौसम शोध पुरस्कार (2002–2003)**

भारत में 1990–1999 के दौरान शुष्कता विसंगतियों का क्षेत्रीय एवं सामयिक विश्लेषण

(*मौसम*, 2002, **53**, 4, 447–456)

– राजेन्द्र प्रसाद और हरीसिंह

### **तृतीय मौसम शोध पुरस्कार (2004–2005)**

भारतीय उपमंडलों में 1987 के दौरान मध्यम एवं भीषण सूखा के क्षेत्रीय विस्तार का वर्गीकरण

(*मौसम*, 2005, **56**, 4, 841–850)

– हरीसिंह और राजेन्द्र प्रसाद

### **चतुर्थ मौसम शोध पुरस्कार (2010–2011)**

पश्चिमी राजस्थान के लिए पवन चक्कियों द्वारा विद्युत उत्पादन हेतु वायु विश्लेषण

(मौसम, 2011, **62**, 1, 1–10)

– बद्री नारायण विशनोई

### **पंचम मौसम शोध पुरस्कार (2012–2013)**

पश्चिम हिमालय के मौसम तथा हिम पर जलवायु परिवर्तन का प्रतिघात

(मौसम, 2013, **64**, 4, 681–686)

– एम. एस. शेखर, एम. श्रवण कुमार,

अजय कुमार और अश्वाघोष गन्जु