

ACKNOWLEDGEMENTS

Journal of Earth System Science wishes to place on record the valuable assistance received from the following scientists in reviewing manuscripts during 2013.

Abdul Hakeem A, *National Remote Sensing Centre (ISRO), Hyderabad*

Acharya Govind, *University of Canterbury, New Zealand*

Ackah Mike, *National Nuclear Research Institute, Kwabenya, Accra, Ghana*

Adepelumi Adekunle, *Obafemi Awolowo University Nigeria, Ile-Ife, Osun, Nigeria*

Adhikari Kalyan, *National Institute of Technology, Durgapur*

Agarwal Avinash, *National Institute of Hydrology, Roorkee*

Agarwal Shefali, *Indian Institute of Remote Sensing (ISRO), Dehradun*

Aggarwal S P, *Indian Institute of Remote Sensing, Dehradun*

Agram Piyush, *California Institute of Technology, Pasadena, California, United States*

Ahmad M, *India*

Akylas Evangelos, *Cyprus University of Technology, Limassol, Cyprus*

Ali M, *National Remote Sensing Centre (ISRO), Hyderabad*

Alijani Bohloul, *Tarbiat Moallem University, Tehran, Islamic Republic of Iran*

Anand S P, *Indian Institute of Geomagnetism, Navi Mumbai*

Anil A, *CSIR – National Institute of Oceanography, Dona Paula, Goa*

Ashfaq Moestasin, *Oak Ridge National Laboratory, Oak Ridge, TN, United States*

Ashjari Javad, *University of Tehran, Tehran, Islamic Republic of Iran*

Ashrit Raghavendra, *National Centre for Medium Range Weather Forecasting, Noida*

Atangana Abdon, *University of the Free State, Bloemfontein, South Africa*

Ayaz Md, *Indian Institute of Technology, Kanpur*

Azamathulla Hazi Mohammad, *Universiti Sains Malaysia, Nibong Tebal, Pulau Pinang, Malaysia*

Babu Suresh, *Space Physics Laboratory, Thiruvananthapuram*

Bagan Hasi, *National Institute for Environmental Studies, Tsukuba, Ibaraki, Japan*

Bai Chao-Ying, *Chang'an University, Chang'an, Xi'an, China*

Bala Subrahmanyam D, *Space Physics Laboratory, Thiruvananthapuram*

Balachandran S, *India Meteorological Department, Chennai*

Balakrishna K, *Manipal Institute of Technology, Udupi*
Bandyopadhyay Arnab, *North Eastern Regional Institute of Science and Technology, Nirjuli*
Banerjee D M, *University of Delhi, Delhi*
Banerjee Santanu, *Indian Institute of Technology Bombay, Mumbai*
Barbosa Valéria C F, *Observatório Nacional, Gal, São Cristóvão, Rio de Janeiro, Brazil*
Bardhan Subhendu, *Jadavpur University, Kolkata*
Bartolome Isidro, *Universidad de Valladolid, Valladolid, Spain*
Basivi Radhakrishna, *McGill University, Montreal, Canada*
Beegum Naseema, *Masdar Institute of Science and Technology, Abu Dhabi*
Behara Satyanarayana, *Université Libre de Bruxelles - ULB, Bruxelles, Belgium*
Behera Mukunda, *Indian Institute of Technology, Kharagpur*
Bera M K, *India*
Bera Subir, *Calcutta University, Kolkata*
Bezada Maximiliano J, *Rice University, Houston, Texas, United States*
Bhambri Rakesh, *Wadia Institute of Himalayan Geology, Dehradun*
Bhat G M, *Jammu University, Jammu*
Bhattacharya B K, *Space Applications Centre (ISRO), Ahmedabad*
Bhattacharya Bimalendu Bhusan, *S N Bose National Centre for Basic Sciences, Kolkata*
Bhattacharya S, *India*
Bhattacharya Tapas, *India*
Bhowmik S K Roy, *India Meteorological Department, New Delhi*
Bhowmik Santanu, *Indian Institute of Technology, Kharagpur*
Bhutani Rajneesh, *Pondicherry University, Pondicherry*
Bhutiani Mehendra, *Snow & Avalanche Study Estt., Chandigarh*
Bhuyan Pradeep, *Dibrugarh University, Dibrugarh*
Bilham Roger, *University of Colorado Boulder, Boulder, United States*
Biswas Haimanti, *CSIR – National Institute of Oceanography, Visakhapatnam*
Bonacci Ognjen, *University of Split, Split, Croatia*
Bose Sankar, *Yokohama National University, Yokohama-Shi Kanagawa-Ken, Japan*
Bose Santanu, *University of Calcutta, Kolkata*
Bozkurt Erdin, *Middle East Technical University, Ankara, Turkey*
Braun Jean-Jacques, *Paul Sabatier University, Toulouse, France*
Brugger Joel, *South Australian Museum, Adelaide, Australia*
Bryan Scott, *Queensland University of Technology, Brisbane, Queensland, Australia*
Bulant Petr, *Charles University in Prague, Celetná, Praha, Czech Republic*
Burns Peter, *University of Norte Dame, Norte Dame, Indiana, United States*
Caires Sofia, *Deltares, Delft, Netherlands*
Caldwell Warren, *Stanford University, Stanford, California, United States*
Callaway Alex, *United Kingdom*

Campos Daniel, *Géophysique GPR International Inc, Québec, Canada*
Carenzo Marco, *Swiss Federal Institute of Technology, Zurich, Switzerland*
Carrera Erasmo, *Politecnico di Torino, Torino, Italy*
Casey Kimberly, *NASA, Greenbelt, MD, United States*
Chakrabarti Ramananda, *India*
Chakraborty Arindam, *Indian Institute of Science, Bangalore*
Chakraborty Partha Pratim, *University of Delhi, Delhi*
Chakraborty Parthasarathy, *CSIR – National Institute of Oceanography (Regional Centre), Visakhapatnam*
Chakraborty Supriyo, *Indian Institute of Tropical Meteorology, Pune*
Chakrapani Govind, *Indian Institute of Technology, Roorkee*
Chakraverty Snehashish, *Indian Institute of Technology, Rourkela*
Chandrasekhar E, *Indian Institute of Technology Bombay, Mumbai*
Chate Dilip, *Indian Institute of Tropical Meteorology, Pune*
Chatterjee Abhisek, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Chatterjee Meenakshi, *Rani Basanti Devi College, Kolkata*
Chatterjee R, *Indian Institute of Remote Sensing (ISRO), Dehradun*
Chattopadhyay Anupam, *University of Delhi, Delhi*
Chaubey Jai Prakash, *Space Physics Laboratory (ISRO), Thiruvananthapuram*
Chaudhari Hemant Kumar, *Indian Institute of Tropical Meteorology, Pune*
Chaudhri Naveen, *Panjab University, Chandigarh*
Chaudhuri Abhijit, *Indian Institute of Technology Madras, Chennai*
Chaudhuri Sutapa, *University of Calcutta, Kolkata*
Chawla Arun, *National Oceanic and Atmospheric Administration (NOAA), College Park, Maryland, United States*
Chen Cheng, *University of Southern California, Los Angeles, United States*
Chen S, *National Taipei University of Technology, Taipei, Taiwan, Republic of China*
Cheng Hao, *Sun Yat Sen University, Guangzhou, China*
Choudhary Alok, *Remote Sensing Applications Centre, Bhopal*
Choudhary Rajkumar, *Space Physics Laboratory (ISRO), Thiruvananthapuram*
Chowdary V, *RRSC/NRSC (ISRO), Kharagpur*
Chu Hone-Jay, *National Taipei University of Technology, Taipei, Taiwan, Republic of China*
Clift Peter, *Louisiana State University, Louisiana, United Kingdom*
Collin F, *Belgium*
Costeur Loic, *Naturhistorisches Museum Basel, Basel, Switzerland*
Cubukcu Nihat, *Weather Predict Consulting Inc, North Carolina, NC, United States*
Custodio Emilio, *Technical University of Catalonia, Barcelona, Spain*
Dar Imran, *Tamil University, Thanjavur*
Das Kaushik, *Hokkaido University, Kokkaido, Sapporo, Japan*
Das Someshwar, *Ministry of Earth Sciences, Noida*

Dasgupta Prabir, *India*
Dash Suresh, *Indian Institute of Technology, Bhubaneswar*
De Barin, *Tripura University, Tripura*
Deb Mihir, *University of Delhi, Delhi*
Deb Sanjib Kumar, *Space Applications Centre (ISRO), Ahmedabad*
Delin Geoffrey, *US Geological Survey, Mounds View, Minnesota, United States*
Demissie Misganaw, *Illinois State Water Survey, Champaign, Illinois, United States*
Deo M, *Indian Institute of Technology Bombay, Mumbai*
Devara PCS, *Indian Institute of Tropical Meteorology, Pune*
Dimri Vijay, *CSIR – National Geophysical Research Institute, Hyderabad*
Divakar Naidu P, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Dogra N N, *Kurukshetra University, Kurukshetra*
Duraiswami Raymond, *University of Pune, Pune*
Dutta Subashisa, *Indian Institute of Technology, Guwahati*
Dutta Shruti, *Jawaharlal Nehru University, New Delhi*
Dutta Suryendu, *India*
Dwivedi Suneet, *Allahabad University, Allahabad*
Elango L, *Anna University, Chennai*
Erol Bihter, *Istanbul Technical University, Istanbul, Turkey*
Everett Mark, *Texas A&M University, College Station, Texas, United States*
Farooqui Anjum, *Birbal Sahni Institute of Palaeobotany, Lucknow*
Ferreira J P Lobo, *Laboratorio Nacional de Engenharia Civil, Lisboa, Portugal*
Ferretti G, *University of Genova, Viale Benedetto XV 5, Genova, Italy*
Ficklin Darren, *Santa Clara University, Santa Clara, CA, United States*
Fischer Christian, *Coal Fire Research, DLR, Oberpfaffenhofen, Weßling, Germany*
Font E, *Faculdade de Ciencias da Universidade de Lisboa, Campo Grande, Lisboa, Portugal*
Fowles Richard, *Utah State University, Salt Lake City, Utah, United States*
Gahalaut Kalpna, *CSIR – National Geophysical Research Institute, Hyderabad*
Gahalaut Vineet, *CSIR – National Geophysical Research Institute, Hyderabad*
Gamazo P, *University of the Republic, Gral Rivera, Salto, Uruguay*
Gao Peng Gao, *Syracuse University, Syracuse, New York, United States*
Garg P K, *Indian Institute of Technology, Roorkee*
Garg R D, *Indian Institute of Remote Sensing (ISRO), Dehradun*
Ghosh Arindam, *NIPR, Tokyo and RIGC/JAMSTEC, Yokohama, Japan*
Ghosh Parthasarathi, *Indian Statistical Institute, Kolkata*
Gioia Dario, *Università della Basilicata, Potenza, Italy*
Goatley Christopher, *James Cook University, Townsville, Queensland, Australia*
Goel N, *Indian Institute of Technology, Roorkee*
Gogoi Mukunda, *Indian Space Research Organization, Thiruvananthapuram*

Gohil B S, *Satellite Applications Centre (ISRO), Ahmedabad*
Gomes Helga, *Columbia University, Palisades, New York, United States*
Gomezdelcampo Enrique, *Bowling Green State University, Bowling Green, OH, United States*
Gopal Brij, *National Institute of Ecology, Jaipur*
Gopala Rao D, *Osmania University, Hyderabad*
Goto Hiroyuki, *Kyoto University, Uji, Kyoto, Japan*
Govindswamy Bala, *Indian Institute of Science, Bangalore*
Goyal Manish, *Indian Institute of Technology, Guwahati*
Gregor Miloš, *Geological Survey of Slovak Republic, Mlynská dolina, Bratislava, Slovakia*
Gudmundsson Agust, *University of London, London, United Kingdom*
Guinea A, *University of Barcelona, Barcelona, Spain*
Gupta Harish, *Xiamen University, Xiamen, Fujian Province, China*
Hao Xing-ming, *Chinese Academy of Sciences, Urumqi, Xinjiang, China*
Haritashya Umesh, *University of Dayton, Dayton, Ohio, United States*
Harris W G, *University of Florida, Florida, United States*
Heermance R, *India*
Heinonen Jussi, *University of Helsinki, Helsinki, Finland*
Hoffman Ellis, *Steinman Institute, University of Bonn, Bonn, Nord Rhein Westphalen, Germany*
Huang Chi-hua, *Purdue University, West Lafayette, Indiana, United States*
Huang S, *Tsinghua University, Tsinghua, Beijing, China*
Ibanez-Mejia Mauricio, *University of Arizona, Tucson, Arizona, United States*
Islam R, *Wadia Institute of Himalayan Geology, Dehradun*
Jaiswal Dilip, *Lucknow University, Lucknow*
Jang C, *Kainan University, Luzhu, Taoyuan, Taiwan, Republic of China*
Jayakumar A, *Florida State University, Tallahassee, FL, United States*
Jayananda M, *University of Delhi, Delhi*
Jeelani Gholam, *University of Kashmir, Srinagar*
Jiang Jianguo, *Nanjing University, Nanjing, China*
Joshi M, *Banaras Hindu University, Varanasi*
Joshi Prakash, *Indian Institute of Remote Sensing (ISRO), Dehradun*
Juyal Navin, *Physical Research Laboratory (ISRO), Ahmedabad*
Kajikawa Yoshiyuki, *RIKEN, Advanced Institute for Computational Science, Kobe, Japan*
Kale Vishwas, *University of Pune, Pune*
Kalia Susheel, *Italy*
Kamra A, *Indian Institute of Tropical Meteorology, Pune*
Kamruzzaman M, *University of South Australia, Adelaide, Australia*
Kar Sarat, *Ministry of Earth Sciences, Noida*
Karmalkar Nitin R, *University of Pune, Pune*
Karthi Suresh A, *India*

Katata Genki, *Japan Atomic Energy Agency, Naka, Ibaraki, Japan*

Keller Julia, *Karlsruhe Institute of Technology, Karlsruhe, Germany*

Kentel Elçin, *Turkey*

Khalili Malika, *McGill University, Montreal, Québec, Canada*

Khan Shuhab, *University of Houston, Houston, United States*

Khandeparker Lidita, *CSIR – National Institute of Oceanography, Dona Paula, Goa*

Kidron Giora, *VMS, Italy*

Kisthawal C M, *Space Applications Centre (ISRO), Ahmedabad*

Koukouvelas Ioannis, *University of Patras, Patras, Greece*

Kourakos George, *University of California, Davis, California, United States*

Krakauer Nir, *The City College of New York, New York, United States*

Kreuzwieser Juergen, *Albert-Ludwigs-University of Freiburg, Freiburg, Germany*

Kripalani R, *Indian Institute of Tropical Meteorology, Pune*

Krishan Gopal, *National Institute of Hydrology, Roorkee*

Krishnamoorthy K, *Space Physics Laboratory (ISRO), Thiruvananthapuram*

Kumar Anil, *Indian Institute of Remote Sensing (ISRO), Dehradun*

Kumar Anil, *CSIR – National Geophysical Research Institute, Hyderabad*

Kumar Devender, *CSIR – National Geophysical Research Institute, Hyderabad*

Kumar Dileep, *CSIR – National Institute of Oceanography, Dona Paula, Goa*

Kumar Dinesh, *Kurukshetra University, Kurukshetra*

Kumar Karnam Kishore, *Space Physics Laboratory (ISRO), Thiruvananthapuram*

Kumar Pallath, *University of Pune, Pune*

Kumar Pankaj, *Max Planck Institute for Meteorology, Hamburg, Germany*

Kumar Vinay, *Florida State University, Tallahassee, FL, United States*

Kundu Bhaskar, *CSIR – National Geophysical Research Institute, Hyderabad*

Kurian Jaison, *Texas A&M University, College Station, Texas, United States*

Kurien Mathew, *Space Applications Centre (ISRO), Ahmedabad*

Kuyuk Serdar, *UC Berkeley, El Cerrito, California, United States*

Lakshmanan Valliappa, *University of Oklahoma, OK, United States*

Lavigne Aurore, *INRA, Paris, France*

Lazarus David, *Museum für Naturkunde, Berlin, Germany*

Li Shuangcheng, *Peking University, Beijing, China*

Litta A J, *Indian Institute of Technology, New Delhi*

Liu Jian, *Swedish University of Agricultural Sciences, Uppsala, Sweden*

Liu Jiaqi, *Institute of Geology and Geophysics, Beijing, China*

Liu Shi Liang, *Beijing Normal University, Beijing, China*

Lobo Sánchez Francisco José, *CSIC – Universidad de Granada, Granada, Spain*

Machiwal Deepesh, *Central Arid Zone Research Institute, Bhub*

Madhulatha A, *National Atmospheric Research Laboratory, Tirupati*

Maheswaran R, *India*

Maiti Saumen, *Indian Institute of Geomagnetism, Mumbai*

Maitra Animesh, *University of Calcutta, Kolkata*

Maity Rajib, *India*

Majumdar Ranjit Kumar, *Jadavpur University, Kolkata*

Mallick Kaniska, *JPL/NASA, Pasadena, California, United States*

Malviya Vivek, *Geological Survey of India, Nagpur*

Mandal Prantik, *CSIR – National Geophysical Research Institute, Hyderabad*

Manglik Ajay, *CSIR – National Geophysical Research Institute, Hyderabad*

Manju G, *Space Physics Laboratory (ISRO), Thiruvananthapuram*

Marandino Christa, *GEOMAR, Helmholtz-Zentrum für Ozeanforschung, Kiel, Germany*

Marinakis Yannis, *Technical University of Crete, Chania, Crete, Greece*

Marti Pau, *Universidad Politécnic de Valencia, Valencia, Spain*

Mathew George, *Indian Institute of Technology Bombay, Mumbai*

Mathur Alope, *Space Applications Centre (ISRO), Ahmedabad*

Matin Abdul, *University of Calcutta, Kolkata*

Matondkar Prabhu, *CSIR – National Institute of Oceanography, Dona Paula, Goa*

Maurya D M, *M S University of Baroda, Vadodara*

McGonigle Chris, *United Kingdom*

Menon Harilal, *Goa University, Taleigao, Goa*

Mishra Akhilesh, *Florida State University, Tallahassee, United States*

Mishra Anoop, *Indian Institute of Science, Bangalore*

Mishra Anurag, *United States*

Mishra O P, *SAARC Disaster Management Centre, New Delhi*

Misra Santanu, *ETH, Zurich, Switzerland*

Misra Saumitra, *University of KwaZulu–Natal, Westville Campus, Durban, South Africa*

Mitra Ashis, *National Centre for Medium Range Weather Forecasting, Noida*

Mitra D, *Indian Institute of Remote Sensing (ISRO), Dehradun*

Mitra Supriyo, *Indian Institute of Science Education and Research, Kolkata*

Mohan B K, *Indian Institute of Technology Bombay, Mumbai*

Mohapatra M, *India Meteorological Department, New Delhi*

Molson John, *Université Laval, Québec, Canada*

Mrudula G, *CSIR – National Aerospace Laboratory, Bangalore*

Mujumdar Milind, *Indian Institute of Tropical Meteorology, Pune*

Mukherjee A, *India*

Mukhopadhyay D K, *Indian Institute of Technology, Roorkee*

Mukhopadhyay Parathasarathy, *Indian Institute of Tropical Meteorology, Pune*

Mukopadhyay Santwana, *Banaras Hindu University, Varanasi*

Murthy B V K, *National Atmospheric Research Laboratory, Chennai*

Murthy I V, *Andhra University, Visakhapatnam*

Musgrove Marylynn, *United States Geological Survey, Austin, Texas, United States*

Mustoe George, *Western Washington University, Bellingham, Washington, United States*

Nag Sisir, *Jadavpur University, Kolkata*

Nagaraja Kamsali, *Bangalore University, Bangalore*

Nagarajan Nandini, *CSIR – National Geophysical Research Institute, Hyderabad*

Nagendranath B, *CSIR – National Institute of Oceanography, Dona Paula, Goa*

Nair R, *Bhabha Atomic Research Centre, Mumbai*

Naja Manish, *Aryabhata Research Institute of Observational Sciences, Nainital*

Nandi Bharati, *India*

Napiórkowski Jarosław J, *Poland*

Nath Sankar, *Indian Institute of Technology, Kharagpur*

Nautiyal Prakash, *HNB Garhwal (Central) University, Srinagar*

Navada S, *Mumbai*

Negi Harendra, *Snow and Avalanche Study Establishment, Chandigarh*

Nemalikanti Purnachandra Rao, *CSIR – National Geophysical Research Institute, Hyderabad*

Nigam Rahul, *Space Applications Centre (ISRO), Ahmedabad*

Nigam Rajiv, *CSIR – National Institute of Oceanography, Dona Paula, Goa*

O'Brien Patrick, *University of Potsdam, Potsdam, Berlin-Brandenburg, Germany*

Ojha Richa, *United States*

Olivier Bruguier, *University of Montopolis, France*

Ordóñez Salvador, *Universidad de Alicante, Alicante, Spain*

Owliaie H R, *Shiraz University, Shiraz, Islamic Republic of Iran*

Oza Markand, *Space Applications Centre (ISRO), Ahmedabad*

Oza Sandip, *Space Applications Centre (ISRO), Ahmedabad*

Özyurt N Nur, *Turkey*

Pacheco Fernando, *Trás-os-Montes e Alto Douro University, Quinta de Prados, Portugal*

Pai D, *National Climate Centre, Pune*

Pal Dipak, *Jadavpur University, Kolkata*

Pallamraju Duggirala, *Physical Research Laboratory (ISRO), Ahmedabad*

Pan G, *Indian Institute of Remote Sensing (ISRO), Dehradun*

Pandalai H, *Indian Institute of Technology Bombay, Mumbai*

Pandey Arvind, *Birla Institute of Technology, Ranchi*

Pant Tarun, *Space Physics Laboratory (ISRO), Thiruvananthapuram*

Papadopoulou Maria, *National Technical University of Athens, Zografou, Greece*

Parameswaran K, *Space Physics Laboratory (ISRO), Thiruvananthapuram*

Parli Bhaskar, *National Centre for Antarctic and Ocean Research, Vasco-da-Gama, Goa*

Parolai Stefano, *GFZ-German Research Centre for Geosciences, Potsdam, Germany*

Parvez Imtiaz, *CSIR – Centre for Mathematical Modelling and Computer Simulation, Bangalore*

Patel R C, *Indian Institute of Technology Bombay, Mumbai*
Patel Satish, *M S University of Baroda, Vadodara*
Pati Jayanta, *University of Allahabad, Allahabad*
Patil Jagadish, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Patnaik Chakrapani, *Space Applications Centre (ISRO), Ahmedabad*
Patra Amit, *National Atmospheric Research Laboratory, Gadanki*
Pattanaik Chiranjibi, *Deccan Regional Station, Hyderabad*
Pattanaik D R, *India Meteorological Department, New Delhi*
Pattnaik Sandeep, *Indian Institute of Technology, Bhubaneshwar*
Paudyal YoubRaj, *Ehime University, Ehime, Matsuyama, Japan*
Pawlak Włodzimierz, *University of Łódź, Łódź, Poland*
Peng Tsung-Ren, *National Chung Hsing University, Taichung, Taiwan, Republic of China*
Pereira A, *University of Coimbra, Coimbra, Portugal*
Pérez-Peña José, *University of Granada, Granada, Spain*
Perumal Senthil Kumar, *CSIR – National Geophysical Research Institute, Hyderabad*
Petitta Marco, *University of Rome, Rome, Italy*
Phartiyal Binita, *Birbal Sahni Institute of Palaeobotany, Lucknow*
Pokhrel Samir, *Indian Institute of Tropical Meteorology, Pune*
Poornachandra S, *SSN College of Engineering, Chennai*
Populus Jacques, *IFREMER, Brest, France*
Prakash T N, *Centre for Earth Science Studies, Thiruvananthapuram*
Prasad B S N, *University of Mysore, Mysore*
Prasanna Venkataraman, *APEC Climate Center, Busan, Republic of Korea*
Pruseth K L, *Indian Institute of Technology, Kharagpur*
Punthakey Jehangir, *Ecoseal Developments Pty Ltd., Sydney, Australia*
Purnachandra Rao Venigalla, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Qian Jiazhong, *Hefei University of Technology, Hefei, Anhui, China*
Radhakrishna M, *Indian Institute of Technology Bombay, Mumbai*
Rai S N, *CSIR – National Geophysical Research Institute, Hyderabad*
Rai Shyamsundar, *CSIR – National Geophysical Research Institute, Hyderabad*
Rajak D R, *Space Applications Centre (ISRO), Ahmedabad*
Rajeev K, *Space Physics Laboratory (ISRO), Thiruvananthapuram*
Rajeevan M, *National Atmospheric Research Laboratory, Gadanki*
Rajendran C P, *Centre for Earth Science Studies, Thiruvananthapuram*
Raju C Suresh, *Space Physics Laboratory (ISRO), Thiruvananthapuram*
Raju N, *Jawaharlal Nehru University, New Delhi*
Ramachandra T V, *Indian Institute of Science, Bangalore*
Ramakrishnan Ratheesh, *Space Applications Centre (ISRO), Ahmedabad*
Ramancharla Pradeep Kumar, *International Institute of Information Technology, Hyderabad*

Ramanujam Srinivas, *Indian Institute of Technology Madras, Chennai*
Ramkumar Geetha, *Space Physics Laboratory (ISRO), Thiruvananthapuram*
Ramola R, *H N B Garhwal University, Tehri, Garhwal*
Rana Vijaya, *Birbal Sahni Institute of Palaeobotany, Lucknow*
Rani Sunita, *Guru Jambheshwar University of Science and Technology, Hisar*
Rao B Hanumantha, *Indian Institute of Technology, Bhubaneswar*
Rao Gurunadha, *CSIR – National Geophysical Research Institute, Hyderabad*
Rao M Someshwar, *India*
Rao N V Chalapati, *Banaras Hindu University, Varanasi*
Rao T Narayana, *National Atmospheric Research Laboratory, Gadanki*
Rao V Purnachandra, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Rastogi B, *Seismological Research Institute, Gandhi Nagar*
Rathore Virendra Singh, *Birla Institute of Technology, Ranchi*
Ravichandran Muthalagu, *Indian National Centre for Ocean Information Services, Hyderabad*
Ray Champati, *Indian Institute of Remote Sensing (ISRO), Dehradun*
Ray J S, *Physical Research Laboratory (ISRO), Ahmedabad*
Ray Jyotiskanar, *University of Calcutta, Kolkata*
Raychoudhury Trishikhi, *Technical University, Berlin, Germany*
Reddy C D, *Indian Institute of Geomagnetism, Navi Mumbai*
Reddy D, *CSIR – National Geophysical Research Institute, Hyderabad*
Reddy Sudhakar, *National Remote Sensing Centre (ISRO), Hyderabad*
Revadekar Jayashree, *Indian Institute of Tropical Meteorology, Pune*
Rivero Rosanna, *The University of Georgia, Athens, Georgia, United States*
Roca Remy, *Laboratoire de Météorologie Dynamique, Paris, France*
Rodriguez-Rodriguez Miguel, *University Pablo de Olavide, Saville, Spain*
Roy A B, *Presidency University Calcutta, Kolkata*
Roy Arijit, *Indian Institute of Remote Sensing (ISRO), Dehradun*
Roy Chandan, *Linköping University, Linköping, Sweden*
Roy Rajdeep, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Rushton Ken, *United Kingdom*
Ruzafa Ángel Pérez Ruzafa, *Spain*
Saaltink Maarten, *Technical University of Catalonia, Barcelona, Spain*
Sachan Himanshu, *Wadia Institute of Himalayan Geology, Dehradun*
Saco Patricia, *University of Newcastle, Callaghan, NSW, Australia*
Sadekov Aleksey, *University of Edinburgh, Edinburgh, United Kingdom*
Saha Subodh, *Indian Institute of Tropical Meteorology, Pune*
Sahni Ashok, *Panjab University, Chandigarh*
Sain Kalachand, *CSIR – National Geophysical Research Institute, Hyderabad*
Sangode Satish, *University of Pune, Pune*

Santi Giuseppe, *Universita di Pavia, Pavia, Italy*
Sanyal Prasanta, *India*
Saraswat Rajeev, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Saraswati Pratul, *Indian Institute of Technology Bombay, Mumbai*
Sarkar S K, *CSIR – National Physical Laboratory, New Delhi*
Sarkar Subir, *Jadavpur University, Kolkata*
Sarma V V S S, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Sastry K, *Space Applications Centre (ISRO), Ahmedabad*
Sastry Rambhatla G, *Indian Institute of Technology, Roorkee*
Satheesh S K, *NASA GSFC, Maryland, MD, United States*
Satyanarayana A N V, *Indian Institute of Technology, Kharagpur*
Satyanarayana Mohan, *National Centre for Medium Range Weather Forecasting, Noida*
Sekar R, *Physical Research Laboratory (ISRO), Ahmedabad*
Sen Roy Soma, *India Meteorological Department, Delhi*
Sen Sarma Sarajit, *University of Lucknow, Lucknow*
Sengupta Pranesh, *Bhaba Atomic Research Centre, Mumbai*
Sengupta Saradindu, *Department of Science & Technology, Kharagpur*
Sepehr Adel, *Ferdowsi University of Mashhad (FUM), Mashhad, Islamic Republic of Iran*
Sergeev V N, *Geological Institute, Russian Academy of Sciences, Moscow, Russian Federation*
Shah Som, *University of Jammu, Jammu*
Shalivahan Shalivahan, *Indian School of Mines, Dhanbad*
Sharma Ashish, *Australia*
Sharma Neerja, *National Remote Sensing Centre (ISRO), Hyderabad*
Sharma Pramod Kumar, *India*
Sharma Rashmi, *Space Applications Centre (ISRO), Ahmedabad*
Sharma Shashi, *Indian Institute of Technology, Kharagpur*
Shekhar S, *University of Delhi, Delhi*
Shenoi S S C, *Indian National Centre for Ocean Information Services, Hyderabad*
Shenoy Damodar, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
Shetye Satish, *Goa University, Taleigao, Goa*
Shome Sabyasachi, *Geological Survey of India, Kolkata*
Shrestha Maheshwor, *The University of Tokyo, Tokyo, Japan*
Shukla Aparna, *University of Kashmir, Srinagar*
Siehl A, *University of Bonn, Bonn, Germany*
Sikdar Pradip, *Indian Institute of Social Welfare and Business Management, Kolkata*
Simon Baby, *Space Applications Centre (ISRO), Ahmedabad*
Singh Arun, *Banaras Hindu University, Varanasi*
Singh Arun, *Indian Institute of Technology, Kharagpur*
Singh B P, *Banaras Hindu University, Varanasi*

Singh Chandrani, *Indian Institute of Technology, Kharagpur*
Singh Dhruv, *University of Lucknow, Lucknow*
Singh M P, *Banaras Hindu University, Varanasi*
Singh Mritunjay, *Indian School of Mines, Dhanbad*
Singh R P, *Chapman University, Orange, CA, United States*
Singh R P, *Space Applications Centre (ISRO), Ahmedabad*
Singh Sachchidananda, *CSIR – National Physical Laboratory, New Delhi*
Singh Sarvajit, *New Delhi*
Singh Sushil, *Space Applications Centre (ISRO), Ahmedabad*
Singh T, *Indian Institute of Technology Bombay, Mumbai*
Singh Vijay, *CSIR – National Geophysical Research Institute, Hyderabad*
Singhal D, *Indian Institute of Technology, Roorkee*
Sitharam T G, *Indian Institute of Science, Bangalore*
Skiles Mckenzie, *University of California, Los Angeles, United States*
Smith George, *NASA, Hampton, United States*
Sreeja V, *Nottingham Geospatial Institute, University of Nottingham, United Kingdom*
Sreejith K M, *Space Applications Center (ISRO), Ahmedabad*
Srinivas C V, *Indira Gandhi Centre for Atomic Research, Kalpakkam*
Srivastava Hari, *Indian Institute of Remote Sensing (ISRO), Dehradun*
Srivastava Pankaj, *University of Jammu, Jammu*
Srivastava Rajesh, *Indian Institute of Technology, Kanpur*
Stefanova Maya, *Bulgaria*
Stoffelen Ad, *Royal Dutch Meteorological Institute, Postbus 201 3730 AE De Bilt, Netherlands*
Sudha Kumari, *Indian Institute of Technology, Roorkee*
Sullivan J, *University College Dublin, Dublin, Ireland*
Sundarajan N, *Manonmaniam Sundaranar University, Abishekapatti*
Suparta Wayan, *Universiti Kebangsaan Malaysia, Malaysia*
Suresh Ramachandran, *India Meteorological Department, Chennai*
Swamee P K, *Indian Institute of Technology, Kanpur*
Taori Alok, *National Atmospheric Research Laboratory, Gadanki*
Tayfur Gokmen, *Izmir Institute of Technology, Izmir, Turkey*
Thapliyal Pradeep, *Space Applications Centre (ISRO), Ahmedabad*
Thiery Wim, *University of Leuven, Leuven, Belgium*
Tiwari R K, *CSIR – National Geophysical Research Institute, Hyderabad*
Tiwari V M, *CSIR – National Geophysical Research Institute, Hyderabad*
Tomar S K, *Panjab University, Chandigarh*
Towhata Ikuo, *University of Tokyo, Tokyo, Japan*
Tripathi Archana, *Birbal Sahni Institute of Palaeobotany, Lucknow*
Turner A G, *University of Reading, Reading, United Kingdom*

- Ucles Olga, *Estación Experimental de Zonas Áridas-Carretera de Sacramento (EEZA-CSIC), La Cañada de San Urbano Almería, Spain*
- Velimsky Jacob, *Charles University in Prague, Celetná, Praha, Czech Republic*
- Venkatesh A S, *Indian School of Mines University, Dhanbad*
- Venkatesh T, *CSIR – National Aerospace Laboratories, Bangalore*
- Venkatesh Basappa, *National Institute of Hydrology, Belgaum*
- Vidyunmala V, *The Energy Research Institute (TERI), New Delhi*
- Vijith V, *CSIR – National Institute of Oceanography, Dona Paula, Goa*
- Vineeth C, *Vikram Sarabhai Space Centre (ISRO), Thiruvananthapuram*
- Walia Vivek, *National Center for Research on Earthquake Engineering, Taipei, Taiwan, Republic of China*
- Walter M Julien, *de l'universite Chicoutini, Québec, Canada*
- Wang Jinling, *UNSW, Sydney, NSW, Australia*
- Wang Wei-Guang, *Hohai University, Nanjing, China*
- Wang Y M, *National Pingtung University of Science and Technology, Pingtung, Taiwan, Republic of China*
- Wei Helin, *NOAA, Washington DC, United States*
- Weissmann Gary, *United States*
- Weller Andreas, *Clausthal University of Technology, Clausthal-Zellerfeld, Clausthal-Zellerfeld, Germany*
- Wen Zhang, *China University of Geosciences, Wuhan, Hubei, China*
- Winde Frank, *North-West University, Potchefstroom, South Africa*
- Woodman Nick, *United Kingdom*
- Wu Ting-Nien, *Kun Shan University, Yung-Kang City, Tainan Hsien, Taiwan, Republic of China*
- Xiao Qingnong, *NCAR, Boulder, United States*
- Xu J, *Politecnico di Torino, Torino, Italy*
- Yadav Ram R, *Birbal Sahni Institute of Palaeobotany, Lucknow*
- Yadav Ramesh Kumar, *Indian Institute of Tropical Meteorology, Pune*
- Yamane Yuuske, *Tokoha Gakuen University, Shizuoka, Japan*
- Yang Gui-Peng, *Ocean University of China, Qingdao, China*
- Yin K, *China University of Geoscience, China*
- Yoo Dong-Geun, *Korea Institute of Geology, Mining & Materials (KIGAM), Taejon, Republic of Korea*
- Zaimes George, *University of Arizona, Tucson, Arizona, United States*
- Zare Mehdi, *International Institute of Earthquake Engineering, Tehran, Islamic Republic of Iran*
- Zavattieri Ana, *IANIGLA, CCT-CONICET, Mendoza, Mendoza, Argentina*
- Zhang Jin, *Chinese Academy of Sciences, Urumqi, China*
- Zhang Xuejin, *University of Miami, Miami, United States*
- Zhao Y-G, *Northwest A & F University, Yangling, Shanxi, China*
- Zhou Nianqing, *China*
- Ziegler Martin, *Cardiff University, Cardiff, United Kingdom*