



Name: Dr. Himanshu Pathak

Designation: Director

Date of Birth: 02.02.1965

Area of Specialization: Soil Science, Climate Change, Simulation Modelling

Email

Id: director.niasm@icar.gov.in; hpathak.iari@gmail.com

Mobile: +91-9899247590; **Phone:** 02112-254055, **Fax:** 02112-254056

Education

- PhD in Soil Science and Agricultural Chemistry from Indian Agricultural Research Institute, New Delhi, India (1992).
- MSc in Soil Science and Agricultural Chemistry from Indian Agricultural Research Institute, New Delhi, India (1988).
- BSc (Ag) from Banaras Hindu University, Varanasi, India (1986).

Post-doctorate Experiences

- University of Essex, United Kingdom (1996-97).
- Institute of Meteorology and Climate Research, Germany (2004-05).
- Management Development Programme, NAARM, Hyderabad, India (2014).
- Executive Development Programme, NAARM, Hyderabad, India (2016).

Professional History

- Director, ICAR-National Institute of Abiotic Stress Management, Baramati, Maharashtra, India (February 2020 onwards)
- Director, National Rice Research Institute, Cuttack, Odisha, India (2016-2020).
- Principal Scientist, Indian Agricultural Research Institute (IARI), New Delhi (2009-16).
- Professor, Discipline of Environmental Sciences, IARI (2013-16).
- Co-Facilitator, Rice-Wheat Consortium, International Rice Research Institute (IRRI)-India, New Delhi (2006-09).
- Humboldt Fellow, Institute of Meteorology and Climate Research, Germany (2004-06).
- Senior Scientist, IARI (2001-04), Scientist (Sr. Scale), IARI (1999-2001); Scientist, IARI (1992-99).
- Visiting scientist IRRI, Philippines and CSIRO Land and Water, Australia.
- Participated in more than 70 international symposia/conferences in 27 different countries.
- Teaching and guiding MSc and PhD students since 1993 at IARI, New Delhi.

Publications

- Published more than 200 research papers, 31 review papers, 27 popular articles, 12 books, 22 technical bulletins and 75 book chapters.
- h-index 57, i10-index 153 with more than 12,400 citations in international literature.

Awards and Recognitions

- **Fellowship of Academies**
 1. Indian Climate Congress, Bhubaneswar, Odisha (2018).
 2. National Academy of Sciences, India (NASI) (2016).
 3. Indian National Science Academy (INSA), India (2014).

4. West Bengal Academy of Science and Technology, India (2013).
5. National Academy of Agricultural Sciences (NAAS), India (2007).

- **International Awards and Recognitions**

1. Alexander von Humboldt Fellowship of Germany (2004).
2. Lead Author of the Inter-Governmental Panel on Climate Change (IPCC) 5th Assessment Report (2011-2014).
3. Lead Author, Refinement to the IPCC Guidelines for National Greenhouse Gas Inventories (2017-2019).
4. Coordinator for United Nations Framework Convention on Climate Change (UNFCCC), Ministry of Agriculture and Farmers Welfare, Govt. of India (2011-2015).
5. Outstanding Administrative Support Award, IRRI, Philippines (2007).

- **National Awards and Recognitions**

1. Rafi Ahmed Kidwai Award of Indian Council of Agricultural Research (2019).
2. Platinum Jubilee Award Lecture of ISCA (2018).
3. Krushi Gourav Award, Orissa Krushak Samaj (2017).
4. Silver Jubilee Commemoration Medal of INSA (2016).
5. Society of Agricultural Professional Excellence Award (2016).
6. Prof. SK Mukherjee Commemoration Award of ISCA (2012).
7. Recognition Award of NAAS, India (2011).
8. Dr. BC Deb Memorial Award of ISCA (2001).
9. Golden Jubilee Young Scientist Award, Indian Society of Soil Science (1998).
10. BOYSCAST Fellowship of Dept. of Science & Technology, Govt. of India (1996).
11. Young Scientist Award of Indian Science Congress Association (1994).

- **President of Professional Societies**

1. President of Association of Rice Research Workers, Cuttack, Odisha (2018).
2. Executive President of Society for Conservation of Nature, New Delhi (2016).
3. President of Agriculture and Forestry Sciences Section of ISCA (2007).

- **Editor of Journals**

1. Indian Journal of Agricultural Science, ICAR, New Delhi (2018 onwards).
2. Agricultural Research, NAAS, New Delhi (2017 onwards).
3. Indian Journal of Agronomy, Indian Society of Agronomy (2011-17).
4. Greenhouse gases: Science and Technology, John Wiley Publication (2010-15).
5. Current Advances in Agricultural Sciences, Kanpur (2007-14).

- **Member of Academic and Policy-framing Bodies**

1. Uttar Banga Krishi Viswavidyalaya, West Bengal, India, 2018 onwards.

2. Narsee Monjee Institute of Management Studies, Mumbai, India, 2018 onwards.
 3. Twinning R&D Environ. Biotech, Dept. Biotech., New Delhi, 2017 onwards.
 4. Indian Institute of Maize Research, ICAR, New Delhi (2016-19).
 5. Indian Statistical Institute, Kolkata, 2016 onwards.
 6. Indian Institute of Maize Research, ICAR, New Delhi, 2016 onwards.
 7. Central Pollution Control Board, New Delhi (2014-17).
 8. Directorate of Onion and Garlic Research, ICAR, Pune (2014-17).
 9. Department of Science, Technology and Environment, Govt. of Punjab, Chandigarh.
 10. National Programme on Carbon Sequestration Research, New Delhi (2015-20).
 11. Environmental Appraisal of Mining Projects of the Ministry of Environment, Forest and Climate Change, New Delhi, 2015 onwards.
- **Recognition in teaching**
 1. Certificate for Excellence in Teaching from Indian Agricultural Research Institute, New Delhi in 2000, 2001 and 2003.
 - **Best paper award**
 1. Best paper award by Fertilizer Association of India, New Delhi, 2019.
 2. Best paper award of the Third International Agronomy Congress in 2012.
 3. Best paper award of the Indian Science Congress Association in 2001.