

## VK Dadhwal : Brief CV

1. **Full Name, Age & Sex** : Dr. Vinay Kumar Dadhwal,  
(Male, 64 years)
2. **Current Position** : Director  
Indian Institute of Space Science & Technology (IIST)  
Valimala, Thiruvananthapuram – 695 547, Kerala, INDIA
3. **Education** : PhD (Plant Physiology), 1983; MSc (Plant Physiology), 1978  
Indian Agricultural Research Institute (IARI), New Delhi, INDIA
4. **Research Area** : Earth Observation (EO) data application in diverse areas including:  
Crop Modelling, Agricultural Remote Sensing; Land Use/ Cover Transformation, Forestry applications (Deforestation, Forest Fire, Forest Biomass), Biogeochemical Cycle of Carbon for India, Disaster Management Support with EO; Land Surface Processes Modeling
5. **Major Positions Held** :
  - Director, Indian Institute of Space Science & Technology (IIST) [Since Jul 2016 ]
  - Director, National Remote Sensing Centre (NRSC/ISRO), India [2011-2016]
  - Associate Director, NRSC/ISRO [2010-2011]
  - Dean, Indian Institute of Remote Sensing (IIRS), NRSC, Dehradun [2004-2010]
  - Head, Crop Inventory & Modelling Division, Space Applications Centre, ISRO [1998-2004]

### Concurrent Functional Positions

Director-in-charge, UN Centre for Space Science & Technology Education in the Asia-Pacific (CSSTE-AP), Dehradun [2006, 2009-10]

## 6. Major Scientific Committees

- Chair, Scientific & Technical Sub-committee of UN Committee on Peaceful Uses of Outer Space (UNCOPUOS) of UN Office of Outer Space Affairs, Vienna, [2016]
  - Chair, Project Advisory & Monitoring Committee (PAMC), National Imaging Spectroscopy Project, Department of Science & Technology (DST), Govt of India [2016-2020]
  - Chair, Technical Expert Group, Modern Technology in Crop Insurance, MNCFC, New Delhi, Govt of India [2019-]
  - Member, Board of Governor/ Governing Body [ APJ Kalam Technical University, Kerala (2016-2020, 2020-2024); Indian Institute of Tropical Meteorology (IITM), Pune; Indian National Centre for Ocean Information Services (INCOIS), & others ]
  - Member, Research Advisory Committee (RAC) [National Rice Research Institute, NRRI (2016-18), Space Physics Laboratory (SPL), ISRO, Indian National Centre for Ocean Information Services (INCOIS), & others]
  - Member, Science Steering Committee, National Monsoon Mission I & II, Ministry of Earth Sciences.
  - Member, Project Monitoring Committee, National Geodesy Centre, IIT, Kanpur (2019- )
  - Co-Chair, Executive Committee, National Spatial Data Infrastructure (NSDI), DST, Govt. of India (2011-2016)
- and many others

## 7. Professional & Scientific Societies

- President, Technical Commission VIII (Remote Sensing & Applications), International Society of Photogrammetry & Remote Sensing, ISPRS [2014-2018]

- President, Indian Society of Remote Sensing, ISRS, India [2012-14]
- President, Indian National Cartography Association, INCA, India [2013]
- Fellow, National Academy of Agricultural Science, New Delhi; Indian Meteorological Society, New Delhi, Indian Society of Remote Sensing, Dehradun, International Academy of Astronautics, IAA
- Editor, Journal of Indian Society of Remote Sensing (JISRS), (Springer) [since 2010]

## 8. Awards

ISRO Outstanding Achievement (2016), Bhaskara Award, Indian Society of Remote Sensing (ISRS), Dehradun (2013), Satish Dhawan Award, ISRS (2012), ISRO Merit Certificate (2006), ISRO-ASI Award for Space Applications by Astronautical Society of India, Bangalore (2005), Hari Om Ashram Prerit Dr Vikram Sarabhai Award for Space Applications (2009), Physical Research Laboratory, Ahmedabad, Indian National Remote Sensing Award (INRS), 1999, ISRS, Young Scientist Medal (1989), Indian National Science Academy, N Delhi, Young Scientist Award (1987)

## 9. Publications

- Peer Reviewed Journal Publications – 300+
- Edited Book - 1
- Conference Proceedings, Book Chapters etc – 100+
- (*Google Scholar citations: > 8100; H-index – 45, 16 March 2021*)

## 10. Web Links

- Linked-in Profiles & Posts : <https://www.linkedin.com/in/vinaykdadhwal/>
- Research Gate : [https://www.researchgate.net/profile/Vinay\\_Dadhwal](https://www.researchgate.net/profile/Vinay_Dadhwal)
- Google Scholar : <https://scholar.google.com/citations?user=R1vjNxgAAAAJ&hl=en>
- Wikipedia : [https://en.wikipedia.org/wiki/V.\\_K.\\_Dadhwal](https://en.wikipedia.org/wiki/V._K._Dadhwal)
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