



V.S. Hegde

Brief Biography

1. Full Name HEGDE, VENKATRAMAN SUBRAY
2. Date of Birth 01 June 1952
Age 66 years & 1 month
3. Educational Qualifications M. Sc. in Applied Geology/ Earth Science (1974)
Ph. D. in Environmental Science (2001)
4. Occupation
 - Retired Govt. Employee [Dept. of Space (DOS)/ ISRO] w.e.f. 31 May 2016
 - [Post-retirement from Govt. Service, was associated with ISRO in an honorary/ consultant role, for a fixed two year term, as Satish Dhawan Professor, which ended on 31 May 2018]
5. Important Positions held during last 15 years in Dept. of Space/ ISRO [most recent shown first]
 - Chairman-cum-Managing Director, Antrix Corporation Limited (Antrix), under Dept. of Space
 - Scientific Secretary
 - Director of Earth Observations System
 - Program Director, Disaster Management Support
 - Program Coordinator, Village Resource Centers
 - Project Director, Integrated Mission for Sustainable Development
6. Areas of Expertise
 - Applications of Remote Sensing and Satellite Communication for management of natural resources and developmental planning

- Disaster Risk Reduction
 - Societal Applications
 - Space Commerce
7. Awards/ Distinctions (most recent shown first)
- Bhaskara Award of Indian Society of Remote Sensing (ISRS) for Life-time contributions to the field of Remote Sensing Applications, Scientific Leadership, and Service to the ISRS
 - ISRO Performance Excellence Award for individual
 - ISRO Team Excellence Awards for: (a) Village Resource Centre Program, (b) National Drinking Water Mission Project, (c) Telemedicine Program, and (d) Disaster Management Support Program
 - GIS Development/ Map World Forum Award of Excellence for Village Resource Centre Program
 - Astronautical Society of India (ASI) Award for Space Science & Applications
8. Membership in Professional Bodies
- Member, Institute of Directors
 - Member, International Academy of Astronautics (IAA)
 - Life Member, Astronautical Society of India (ASI)
 - Fellow, Indian Society of Remote Sensing (ISRS)
 - Fellow, Geological Society of India (GSI)
9. Contact Address (Permanent)
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10. List of selected Publications of VS Hegde

1. Bhan SK and Hegde VS, 'Targeting areas for Mineral Exploration - A case study from Orissa, India', Int. Jour. of Remote Sensing, Vol. 6 Nos. 3 & 4, Spl Issue on Indian National Natural Resources Management System (pp. 473-480), Mar-Apr 1985.
2. Bhan SK and Hegde VS, 'Tectonic Model of Kutch Mainland, Western India - Interpretation from Landsat Data', Proc., 6th Asian Conf. on Remote Sensing, Hyderabad, 1985.
3. Sahai Baldev, Bhattacharya A and Hegde VS, 'IRS-1A Applications for Groundwater Targeting', Current Science, Vol. 61 Nos. 3 & 4, Spl. Issue on Remote Sensing for National Development, Aug 1991.
4. Ranganath BK, Dutt CBS, Adiga S, Prabhakara KS and Hegde VS, 'Pre-harvest Rabi Sorghum Crop Acreage and Production Estimation in Hungund Taluk, Bijapur District, Karnataka, using IRS Data', Natural Resources Management - A New Perspective, NNRMS, Dept. of Space, Bangalore, 1992.
5. Hegde VR, Sreedhara V and Hegde VS, 'Changing Landuse/ Land cover Pattern in the Kali River Basin in Western Ghats, South India', Current Science, Vol. 66 No. 2, Jan 1994.
6. Honne Gowda H, Manavalan P, Jayaraman V, Chandrasekhar MG, Hegde VS and Manikiam B, 'Satellite Monitoring of Coastal Marine Ecosystems of Dakshina Kannada, South India', 28th Int. Geographical Congress on Land, Sea and Human Effort, Hague, The Netherlands, Aug 1996.
7. Hegde VS and Ganesha Raj K, 'Reaching the Un-reached: Space Technology Enabled Village Resource Centres (VRCs) in India', South-East and East Asia Conference on Follow up to the First Phase and Preparation for the Second Phase of the World Summit on the Information Society, Bali, Indonesia, Feb 01-03, 2005.
8. Hegde VS and Ganesha Raj K, 'The Great Indian Ocean Earthquake & Tsunami 2004 - Space Technology for Relief and Damage Assessment in India', South-East and East Asia Conference on Follow up to the First Phase and Preparation for the Second Phase of the World Summit on the Information Society, Bali, Indonesia, Feb 01-03, 2005.
9. Hegde VS and Bandyopadhyay S, 'Space Technology Applications for Water Resources Management', XII World Water Congress, New Delhi, India, Nov 22-25, 2005.
10. Jayaraman V, Hegde VS, Srivastava SK, Gowrisankar D, 'Gaps in EO based International Cooperation for Disaster Management: Issues and Perspectives', 57th Int. Astronautical Congress, Valencia, Spain, Sep 28-Oct 04, 2006.
11. Hegde VS, Srivastava SK, Bandyopadhyay S and Manikiam B, 'Electro-optical and Radar Systems for Disaster Management: Lessons and

- Perspectives from India', Proc, SPIE 5th Int. Asia-Pacific Remote Sensing Symp 2006, Goa, India, Nov 13-17, 2006.
12. Bandyopadhyay S, Srivastava SK, Hegde VS, Jayaraman V and Krishnamurthy YVN, 'Enhancing Pulse Production in India: An Overview of Status and Feasibility of Adopting Remote Sensing based Approaches', Int. Jour. of Geoinformatics, Vol. 2, No. 3, Sep 2006.
 13. Hegde VS, Jayaraman V and Srivastava SK, 'India's EO Infrastructure for Disaster Reduction: Lessons and Perspectives', 58th Int. Astronautical Congress, Hyderabad, India, Sep 24-28, 2007.
 14. Hegde VS, Jayaraman V, Bhaskaranarayana A, Srivastava SK, Ganesha Raj K and Gosh R, 'Rural Empowerment through 'Space Technology enabled Village Resource Centres (VRCs)', 58th Int. Astronautical Congress, Hyderabad, India, Sep 24-28, 2007.
 15. Srivastava SK, Hegde VS and Jayaraman V, 'Meteorological Satellite Products and Services for Livelihood Enhancements: Based on Real-life Applications', 58th Int. Astronautical Congress, Hyderabad, India, Sep 24-28, 2007.
 16. Bandyopadhyay S, Srivastava SK, Jha MK, Hegde VS and Jayaraman V, 'Harnessing Earth Observation (EO) Capabilities in Hydrogeology: An Indian Perspectives', Hydrogeology Jour, Vol. 15:155-158, 2007.
 17. Bandyopadhyay S, Srivastava SK, Hegde VS and Jayaraman V, 'Enhancing Pulse Production in India: An Overview of Status and Feasibility of Adopting Remote Sensing based Approaches', Int. Jour. of Geo-Informatics, Vol 2(3): 1-8, 2007.
 18. Hegde VS and Paul MA, 'Issues of ICT Infrastructure and Public Private Partnership for Providing ICT Access for the Disadvantaged Communities - Experiences from ISRO's Space Technology enabled Village Resource Centres (VRCs)', Proc, Expert Group Meeting on the Provision of ICT Access for Disadvantaged Communities, Bangkok, Thailand, Dec 12-14, 2007.
 19. Radhakrishnan D, Chandramouli B, Jayakumar B, Kunhokrishnan P and Hegde VS, 'India's Polar Satellite Launch Vehicle (PSLV): A Reliable and Proven Launch Service Provider for Nano, Micro, Mini and Main Satellite Missions', Int. Astronautical Congress, Toronto Canada, Oct 2015 [IAC-14 D2.2.6]
 20. Ranganath BK and Hegde VS, 'Redefining Monitoring and Evaluation System for Enhancing Effectiveness of Watershed Development Programme', Project Management National Conference India, Bangalore, Sep 10-12, 2015.
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