




Faculty Details proforma for DU Web-site

Title	DR.	First Name	SURESH CHAND	Last Name	RAI	Photograph
Designation	Professor & Head					
Address	Department of Geography; Delhi School of Economics; University of Delhi; Delhi-110007					
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Web-Page	http://geography.du.ac.in/CV2017/scrai.pdf					
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	Banaras Hindu University				1984	
M. Sc.	Banaras Hindu University				1979	
B. Sc (H)	Banaras Hindu University				1977	
Career Profile						
<ul style="list-style-type: none"> • Professor: Department of Geography; Delhi School of Economics; University of Delhi; Delhi-110007, from 21st Feb 2014 • Reader/Associate Professor: Department of Geography; Delhi School of Economics; University of Delhi; Delhi-110007 up to 20th Feb 2014. • Scientist, A, B &C: G.B. Pant Institute of Himalayan Environment and Development (An Autonomous Institute under Ministry of Environment and Forest, Govt. of India) from 1992-April 2005. 						
Administrative Assignments						
<ul style="list-style-type: none"> • Head: Department of Geography, Delhi School of Economics, University of Delhi, Delhi-110007 • Dy. Coordinator: DRS-III, UGC Special Assistant Programme, Department of Geography, University of Delhi. • Provost: D.S. Kothari Hostel, University of Delhi, Delhi-110007 • Treasurer: Rajdhani College, University of Delhi, Delhi-110007 • Member Governing Body: Shyama Prasad Mukharji College, University of Delhi, Delhi-110007 • Vice Chancellor Nominee: Board of Research Studies, Faculty of Education, University of Delhi, Delhi-110007 						
Areas of Interest / Specialization						
Watershed Management; Mountain Hydrology; Ecotourism and Conservation						
Subjects Taught						
Advanced Physical Geography, Hydrology and Water Resource Management, Research Methodology,						

Geomorphologic Analysis and Land Form and Geo-environmental Application

Time table of the subjects taught during the current semester (2016-2017)

S.No.	Subject	Days	Time	Classroom
1	201: Advanced Physical Geography (Lecture) (Shared with A. Kapur, N. Sahu and A.K. Saha)	Friday	9:00-10:40	Lecture Hall-1
2	201: Advanced Physical Geography (Tutorial) (Shared with A. Kapur, N. Sahu and A.K. Saha)	Friday	10:40-11:30 11:30-12:20 12:20-13:10 13:10-14:00	Lecture Hall-1
3	309: Geomorphologic Analysis (Lecture)	Tuesday	9:00-10:40	Lecture Hall-2
4	309: Geomorphologic Analysis (Tutorial)	Tuesday	13:30-14:20	Lecture Hall-2
5	411: Hydrology and Water Resource Management (Lecture) (Shared with B.W.Pandey)	Wednesday	9:00-10:40	Lecture Hall-2
6	411: Hydrology and Water Resource Management (Tutorial) (Shared with B.W.Pandey)	Wednesday	10:40-11:30	Lecture Hall-2
7	401: M.A. Project Work	Monday	2:00-4:00	My Office (Room No. 17)
8	M. Phil Course-I Research Methodology (Course shared with other faculty members)	Tuesday	14:30-15:40	M. Phil. Room
9	M. Phil Course-III Specialization (Land Form and Geo-environmental Application)	Wednesday	2:00-3:30	My Office (Room No. 17)
10	Ph.D. Supervision/Discussion 8 Students registered		Minimum 2 hours per student per week	My Office (Room No.17)
11	Ph.D. course –II Specialization, 2 students	Thursday	10 sessions, 2 hours each	My Office (Room No 17)
12	M.Phil. Supervision/Discussion 4 Students registered		Minimum 1 hour per student per week	My Office (Room No.17)

Research Guidance

Ph.D.: 8 Students ; Two students submitted Ph.D. Thesis
M. Phil: 4 Students; Two students submitted M.Phil. Dissertation

Publications Profile

In Indexed/ Peer Reviewed Journals (LAST FIVE YEARS)

Year of Publication	Title	Journal	Co-Author
2017	Inventory and recently increasing GLOF susceptibility of glacial lakes in Sikkim, Eastern Himalaya.	<i>Geomorphology</i> , 295: 39-54	Suruchi Aggarwal & Others

2016	Rainwater harvesting: a solution to water scarcity in the National Capital Region (NCR), Delhi, India.	<i>Annals of the National Association of Geographers, India</i> , 36 (1): 53-65	Niji Bathla
2015	Farmers' willingness-to-pay towards soil and water conservation measures in agro-ecosystems of Chotanagpur Plateau, India.	<i>Water and Environment Journal</i> , 29 (4): 523-532	A. Gulati
2015	Impact of urban sprawl on groundwater quality: a case study of Faridabad city, National Capital Region of Delhi.	<i>Arabian Journal of Geosciences</i> , 8 (10): 8039-8045.	A.K. Saha
2014	Cost estimation of soil erosion and nutrient loss from a watershed of the Chotanagpur Plateau, India	<i>Current Science</i> , 107 (4): 670-674	A. Gulati
2014	A cost-benefit analysis of indigenous soil and water conservation measures in Sikkim Himalaya, India	<i>Mountain Research and Development</i> , 34 (1): 27-35, Switzerland	P.K. Mishra
2014	Food security in drought prone regions of India	<i>Annals of the National Association of Geographers, India</i> , XXXIV (2):72-83	Nancy Kausik
2013	Use of indigenous soil and water conservation practices among farmers in Sikkim Himalaya	<i>Indian Journal of Traditional Knowledge</i> , 13 (3): 454-464	P. K. Mishra
2013	Modeling for prediction of land cover changes based on bio-physical and human factors in Zagros Mountains, Iran	<i>Indian Society of Remote Sensing</i> , 41 (1): 845-854, Springer	Ali A. Torahi
2013	Soil and organic matter characterization of an agrarian micro watershed in Chotanagpur Highlands.	<i>Indian Journal of Life Sciences</i> , 2(2): 109-112	A. Gulati
2012	The impacts of land-use/cover change on Loktak lake water quality in north-eastern region, India.	<i>Asian Journal of Water, Environment and Pollution</i> , 9 (1): 13-23	Raleng, Adon
2012	Assessment of groundwater contamination from land-use/cover change in rural-urban fringe of National Capital Territory of Delhi (India)	Scientific Annals of "Alexandru Ioan Cuza" University of Iasi-Geography Series, 58(1): 31-46, Romania	Priti Kumari
Publications in the Last one year			
1. Aggarwal, Suruchi, Rai, S.C. , Thakur, P.K., and Emmer, Adam (2017) Inventory and recently increasing GLOF susceptibility of glacial lakes in Sikkim, Eastern Himalaya. <i>Geomorphology</i> , 295: 39-54 (ISSN: 0169-555X).			

2. Niji Bathla, and **Rai, S.C.** (2016) Rainwater harvesting: a solution to water scarcity in the National Capital Region (NCR), Delhi, India. *Annals of the National Association of Geographers, India*, 36 (1): 53-65 (ISSN: 0970-972X).
3. **Rai, S.C.** and P.K. Mishra (2016) Indigenous knowledge of terrace management in Sikkim Himalaya, India. In: *Environment, Pollution and Socio-economic Development in India*, (eds.) K.K. Yadav, S.P.L. Srivastava and Pramod Kumar. Vijay Prakashan Mandir (P) Ltd, Varanasi, (ISBN: 978-93-84201-40-1).
4. **Rai, S.C.** and Jyoti Nagpal (2017) An assessment of domestic water use practices in Delhi, pp 445-458. In: *Sustainable Smart Cities in India*, (eds.) P. Sharma and S. Rajput. Springer International Publishing, (ISBN: 978-3-319-47144-0).

Book:

Rai, S.C. (2017) Hydrology and Water Resources: A Geographical Perspective. Ane Books Pvt. Ltd., New Delhi, 239 p, (ISBN: 978-93-8546-281-8).

Conference Organization/ Presentations (in the last three years)

- **“The 2017 Annual Conference on Geographic Research for the Northern China Region”**, held at Shijiazhuang, China from 12-14 May, 2017. Attended and delivered lecture.
- Delivered Invited Lecture in **Peking University, China** on 15th May 2017.
- **Mentor, INSPIRE Internship Science Camp**, held at Arunachal University, Namsai, Arunachal Pradesh from 30th Jan.-3rd Feb, 2017. Delivered one lecture.
- **38th Indian Geography Congress**, held at Department of Studies in Geography, University of Mysore, from 26-28 December 2016. Chaired one technical session.
- 6th International Conference on **“Changing Dimension of Water Resource: A Challenge Before Mankind”**, Organized by Nalanda Open University, Patna, from 18-20 November, 2016. Chaired One Session.
- National Seminar on **“Promotion and Development of Cartographic Education: Contemporary Situation and Future Plans”**, Organized by Department of Geography, University of Mumbai, from 30th August to 31st August, 2016. Presented Paper and Chaired one session.
- National Conference on **“Himalayan Perspectives: Land, People and Resources”**, organized by Department of Geography, Kamala Nehru College, University of Delhi, on 12th April, 2016. Participated as Guest of Honour and Delivered Lecture.
- National Seminar on **“Environmental Ethics, Resources Depletion and Sustainable Development”** Sponsored by UGC and held at Department of Geography, Kalindi College, University of Delhi from 25-26th February, 2016. Participated as Distinguished Guest and Delivered Lecture.
- **Book Release Function and Two-day National Conference on ICSSR Research Survey and Explorations in Economic Geography**, held at JNU Convention Centre, Auditorium-II, Jawaharlal Nehru University, New Delhi from 22-23rd March 2016. Participated as Panellists.
- **“Russian Geographical Society Meeting”**, held at **Moscow**, from 30th October to 31st October, 2015. Attended and participated in Discussions.
- **37th Indian Geography Congress** held at Department of Geography, University of Jammu, J&K from 2-4 December 2015. Co-Chaired Prof. C.P. Singh Memorial Lecture.
- National Seminar on **“Land Use Management in Perspective of Eco-development with Special Reference to Eastern U.P. (India)”**, held at Department of Geography, Deen Dayal Upadhyay Gorakhpur University, Gorakhpur from November 19-20, 2015. Attended as Chief Guest and Delivered Lecture.
- **1st Himalayan Conclave: An IBSD Initiatives**, held at Conference Centre, University of Delhi from September 9-10, 2015. Chaired Technical Session IV on Water Resources.
- **36th Indian Geography Congress** held at Department of Geography, University of Rajasthan, Jaipur from 17-19 November 2014.
- National Green Tribunal Seminar on **Natural Disaster, Environment & Role of NGT with Special Reference to Uttarakhand, J&K, Assam, and H.P.**, organized by National Green Tribunal, 18th Oct. 2014 at Vigyan Bhawan, New Delhi. Attended and Participated in Discussions.

- **National Conference & Exhibition on Land Survey and Mapping**, organized by Directions Magazine India from 9-10 July, 2014 at New Delhi. Attended and participated in discussions.

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

- Received “**Highly Commended Paper Award-2016**” from Willey and Chartered Institution of Water and Environmental Management (CIWEM), London, U.K.
- Received “**Professor Bandaru Hema Malini Eminent Geographers Award- 2013**” by National Association of Geographers, India (NAGI) at Madras University, Chennai.
- Received “**Honourable Mention Best Paper Award for 1999**” by Soil and Water Conservation Society, USA.
- **En-gratis Membership Awarded** by Ecological Society of America 1999-2004.
- **Honorary Appointment** to the **Research Board of Advisors, 2000** by The Board of Directors, Governing Board of Editors, and Publications Board of The American Biographical Institute, USA.

Association With Professional Bodies

- Life Member, National Association of Geographers, India, Delhi, India
- Life Member, Environmental Monitoring Society, New Delhi, India
- Life Member, Sikkim Science Society, Gangtok, Sikkim, India
- Life Member, Indian Society of Remote Sensing, Dehradun, Uttrakhand, India
- Life Member, AGS, Department of Geography, University of Delhi, Delhi, India
- Life Member, Mahamana Malviya Mission, Deen Dayal Upadhyay Marg, New Delhi
- Life Member, Indian Science Congress Association, Kolkata, W.B.

Other Activities

- **Secretary General**, National Association of Geographers, India
- **Member**, Editorial Board of “Agriculture, Forestry and Fisheries Journal”, USA, Since 2012.
- **Member**, Board of Advisors, “Journal of Integrated Development and Research”, Since 2011.
- **Member**, Advisory Board, “The Horizon: A Journal of Social Sciences”, Since 2012.
- **Member**, Board of Research, Department of Geography, M.D. University Rohtak, from 2009-12
- **Member**, Board of Research, Department of Geography, H.P. University Shimla, Since, 2009 till date
- **Member**, Board of Research, Department of Geography, The IIS University, Jaipur, From July 2017-June 2019.
- **Member**, Board of Studies and R.D.C., Department of Geography, Kumaun University, Nainital, since November 2017.