




**University Faculty Details Page on DU Web-site**

Title	<b>Dr.</b>	First Name	<b>Suresh C.</b>	Last Name	<b>RAI</b>	Photograph
Designation	<b>Professor &amp; Head</b>					
Department	<b>Geography</b>					
Address (Campus) (Residence)	<b>Department of Geography; Delhi School of Economics; University of Delhi; Delhi-110007</b>					
	<b>Warden House; D. S. Kothari Hostel; University of Delhi; Delhi-110007</b>					
Phone No (Campus) (Residence) <i>optional</i>	<b>011-27666491 (O)</b>					
Mobile	<b>09868943593</b>					
Fax	<b>011-27666491</b>					
Email	<b>raisc1958@rediffmail.com</b>					
Web-Page	<b>http://www.du.ac.in/geography/scrai.htm</b>					
<b>Education</b>						
Subject	Institution	Year	Details			
Ph.D.	Banaras Hindu University	1984	Thesis topic: Kopaganj Block; Distt. Azamgarh, U.P.: A Study in Spatial Organization and Rural Development			
M. Sc.	Banaras Hindu University	1979	Subjects: Geography			
B. Sc (H)	Banaras Hindu University	1977	Subjects: Geography (H), Geology, Chemistry, English			
<b>Career Profile</b>						
Organization / Institution	Designation	Duration	Role			
GBPIHED (An Autonomous Institute of Ministry of Environment and Forests, Government of India)	Research Associate	July 1989-October 1992	Research and Development			
GBPIHED (An Autonomous Institute of Ministry of Environment and Forests, Government of India)	Scientist "A", "B" and "C"	Nov. 1992 to 18 <sup>th</sup> April 2005	Research and Development			
University of Delhi	Reader/Associate Professor	19 <sup>th</sup> April 2005-20 <sup>th</sup> Feb. 2014	Teaching and Research			
University of Delhi	Professor	21 <sup>st</sup> Feb. 2014-till date	Teaching and Research			
<b>Research Interests / Specialization</b>						
Watershed Management; Mountain Hydrology; Ecotourism and Conservation						

<b>Teaching Experience ( Subjects/Courses Taught)</b>			
Advanced Physical Geography, Hydrology and Water Resource Management, Research Methodology, Geomorphologic Analysis and Land Form and Geo-environmental Application			
<b>Honors &amp; Awards</b>			
<ul style="list-style-type: none"> <li>Received “<b>Professor Bandaru Hema Malini Eminent Geographers Award- 2013</b>” by National Association of Geographers, India (NAGI) at Madras University, Chennai.</li> <li>Honorable Mention Best Paper Award, 1999 from Soil and Water Conservation Society, USA.</li> <li><i>En-gratis</i> Membership Awarded by Ecological Society of America, 1999-2004.</li> </ul>			
<b>Publications (LAST FIVE YEARS)</b>			
<b>Books / Monographs</b>			
<u>Year of Publication</u>	<u>Title</u>	<u>Publisher</u>	<u>Co-Author</u>
2014	<i>Agricultural Diversification and Food Security in the Mountain Ecosystem.</i>	Concept Publishing Co. New Delhi	Noor Mohammad
2012	<i>Ecotourism and Biodiversity Conservation</i>	Nova Science Publishers Inc. New York, USA, pp142	-Nil-
<b>In Indexed/ Peer Reviewed Journals (LAST FIVE YEARS)</b>			
<u>Year of Publication</u>	<u>Title</u>	<u>Journal</u>	<u>Co-Author</u>
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
2011	Water management for a megacity: national capital territory of Delhi.	<i>Water Resource Management</i> , 25: 2267-2278, Springer, Germany	-Nil-
2011	Land cover classification and forest change analysis, using satellite imagery- a case study in Dehdez area of Zagros mountain in Iran.	<i>Journal of Geographic Information System</i> , 3 (1):1-11, USA.	Torahi, Ali Asgar
2011	An ecological-economic analysis of willingness-to-pay for biodiversity conservation in Semen Mountain National Park, Ethopia	<i>Annals of the National Association of Geographers, India</i> , XXXI(2):12-23	B. Tadesse

**Articles (Chapter in Book) (LAST FIVE YEARS)**

- 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).
- Rai, S.C.** and Rishideo, Jitendra (2015) Floods fury in lower Gandak River basin, pp.265-274. In: *Urban Systems, Rural Livelihood Security and Resource Management*, (eds.) R.D. Doi-93-8, Naresh Malik and Mahipal Singh Sihag. Motherland Printing Press, Jaipur, (ISBN: 9785215-03-2).
- Rai, S. C.** and Srivastava, A. (2014) Small hydropower projects and community participation, pp. 239-248. In: *Livelihood Security in North-western Himalaya*, (eds.) R.B. Singh and Reija Hietala. Springer, Japan, (ISBN: 978-4-431-54867-3).
- Rai, S.C.** and Chuimeila, P.A. (2013) Urban water problem in North-east Region of India, pp 346-356. In: *Interdisciplinary Advances in Geography*, (eds. P.R. Sharma, R.S. Yadav and V.N. Sharma). R.K. Books, New Delhi.
- Rai, S.C.** (2013) Hydrology in watershed management: A case study from Sikkim Himalaya, pp151-160. In: *Environmental Hydrology*, (eds) J.S. Rawat and M. Joshi. Gyanodaya Prakashan, Nainital, (ISBN: 81-85097-97-6).

**Rai, S.C.** (2012) Geomorphology, pp 48-54. In: *Progress in Indian Geography (2008-2012)*, (ed.) Singh, R.B., Indian National Science Academy, New Delhi.

**Rai, S.C.** and Adon Raleng (2011) Ecological studies of wetland ecosystem in Manipur valley from management perspectives, pp. 233-248. In: *Ecosystems Biodiversity*, (eds. Oscar Grillo and Gianfranco Venora). InTech Open Access Publisher, Croatia.

Behailu Tadesse and **Rai, S.C.** (2010) An assessment of biodiversity status in Semen Mountains National Park, Ethiopia, pp. 169-180. In: *Biodiversity Hotspots* (eds.) Vittore Resciqno and Savario, Maletta). Nova Science Publishers Inc. U.S.A.

#### Conference Presentations (LAST ONE YEAR)

- Russian Geographical Society Meeting”, held at **Moscow**, from 30<sup>th</sup> October to 31<sup>st</sup> October, 2015. Attended and participated in Discussions.
- National Conference on “**Himalayan Perspectives: Land, People and Resources**”, organized by Department of Geography, Kamala Nehru College, University of Delhi, on 12<sup>th</sup> 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 25-26<sup>th</sup> 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 22-23<sup>rd</sup> March 2016. Participated as Panelists.

#### Total Publication Profile *optional*

##### Books

06

##### In Indexed/ Peer Reviewed Journals

54

##### Articles (Chapter in book)

32

##### Conference Presentations

12 in Abroad

47 in India

##### Public Service / University Service / Consulting Activity

**Chairman**, Governing Body, Kamala Nehru College, University of Delhi, Since April 2014 to 11 August 2015 and Member upto April 2016.

**Treasurer**, Governing Body, Shyama Prasad Mukherji College, University of Delhi, Since May 2014 to 11 August 2015 and Member upto May 2016.

**Member**, Governing Body, Rajdhani College, University of Delhi, Since 7<sup>th</sup> October, 2015 till date.

**Provost**, D.S. Kothari Hostel University of Delhi, Since April, 2015 till date

<b>Secretary General</b> , National Association of Geographers, India, Since 2010 till date
<b>Professional Societies Memberships</b>
<ul style="list-style-type: none"> <li>• Life Member: Indian Science Congress, Kolkata</li> <li>• Life Members: National Association of Geographers India</li> <li>• Life Member: Sikkim Science Society, Gangtok, Sikkim</li> <li>• Life Member: Environmental Monitoring Society, New Delhi</li> <li>• Life Member: Indian Society of Remote Sensing, Deharadun, Uttarakhand, India</li> <li>• Life Member: Association of Geographical Studies, Department of Geography, University of Delhi</li> </ul>
<b>Projects (Major Grants / Collaborations)</b>
<ul style="list-style-type: none"> <li>• <b>Principal Investigator</b> “Impact of Urban Sprawl on Groundwater in Faridabad City”. This project is funded by University of Delhi, (Since July 2009-2011).</li> <li>• <b>Co-Investigator:</b> “Agricultural Diversification and Food Security in Uttarakhand”. This project is funded by University Grant Commission (UGC), New Delhi from April, 2008-2011.</li> </ul>
<b>Other Details</b>
<ul style="list-style-type: none"> <li>• <b>Member</b>, Editorial Board of “Agriculture, Forestry and Fisheries Journal”, USA, Since 2012.</li> <li>• <b>Member</b>, Board of Advisors, “Journal of Integrated Development and Research”, Since 2011.</li> <li>• <b>Member</b>, Advisory Board, “The Horizon: A Journal of Social Sciences”, Since 2012.</li> <li>• <b>Member</b>, Board of Research, Department of Geography, M.D. University Rohtak, from 2009-12</li> <li>• <b>Member</b>, Board of Research, Department of Geography, H.P. University Shimla, Since, 2009 till date</li> <li>• <b>Convener</b>, Disaster Management, B.A. Programme, University of Delhi, Since 2006-2012</li> <li>• <b>Students’ Advisor</b>, Ph.D. M. Phil, (2009-2010; 2012-2014), M.A (2005-06, 2007-09), Department of Geography, Delhi School of Economics University of Delhi, Delhi-110007.</li> <li>• <b>Coordinator</b>, B.A. (Hons) practical examination, University of Delhi, Delhi-110007, Since 2006-2014.</li> <li>• <b>Warden</b>, D.S. Kothari Hostel, University of Delhi, Delhi-110007, from 2006-31<sup>st</sup> March 2015.</li> </ul>