


Name	Dr. Rahul Bhadouria		
Designation	Assistant Professor		
Address	Department of Environmental Studies, Delhi College of Arts and Commerce (University of Delhi), Netaji Nagar, New Delhi, Delhi 110023		
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Educational Qualifications			
Degree	Institution	Year	
Ph.D.	Banaras Hindu University, Varanasi, UP, 221005	2016	
PG (M. Sc)	A P S University, Rewa, M.P.	2003	
UG (B. Sc)	Dr. RML Awadh University, Faizabad, UP	2000	
UGC-NET	UGC- New Delhi	2003	
Experience (s)			
<ul style="list-style-type: none"> ➤ Three-year teaching experience in RRPg College, Amethi, Sultanpur (UP) ➤ One year as assistant professor of environmental science (UG and PG classes) at KNIPSS, Sultanpur (UP) ➤ Assistant professor in AKS University, Satna (MP), 12, September 2017-14, October 2017 ➤ UGC-Dr. DS Kothari Post-Doctoral Fellow at Department of Botany, University of Delhi, (12/03/201 to 11/03/2021) Title: Plant community assembly, functional diversity and soil attributes along forest-savanna continuum in India ➤ Post doctoral researcher at School of Environmental Science, Jawaharlal Nehru University, New Delhi (08/04/2022-20/11/2022) 			

Awards

- UGC –Research Fellowship of Science for Meritorious students (RFSMS)-2012
- National Post-Doctoral Fellowship DST-SERB- 2017
- UGC-Dr. DS Kothari Post-Doctoral Fellowship, 2018

Co-curricular Activities

Membership:

- International society for tropical ecology since 2012
- The IRED Institute of research engineers and doctors, New York, USA, since July 2017 (Membership No.-AM10100058579)
- Hong Kong Chemical, Biological & Environmental Engineering Society (HKCBEEES), Hong Kong, since July, 2017 (Member NO.: 202410)
- Grace and Peace Welfare Society, Bareilly, UP, India since July, 2016 (Life member, Ref. No.:2016/07-002)

Editor:

- AR Research Publication and conference World, Modinagar, UP, India, Since July 2017 (Ref. No. CW/2017/646)
- Cell Biology Research, (Whioce Publishing Pvt Ltd., Singapore) (<http://ojs.whioce.com/index.php/cbr/about/editorialTeam>)
Frontiers in Forests and Global Change - Forest Disturbance (<https://www.frontiersin.org/research-topics/15663/variation-in-plant-strategies-with-levels-of-forest-disturbance#impact>)
- International Journal of Natural Resource Ecology and Management, Science Publishing Group, New York, USA, (<http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=207>)
- International Journal of Ecology (Hindawi Publication), (<https://www.hindawi.com/journals/ijecol/editors/>)
- Frontiers in Microbiology (<https://www.frontiersin.org/journals/microbiology/sections/microbiotechnology#editorial-board>)
- Frontiers in Ecology and Evolution (<https://www.frontiersin.org/journals/ecology-and-evolution/sections/ecophysiology#editorial-board>)

Area of Interest

Forest Ecology, management of soil C dynamics to mitigate climate change, a perspective on tree seedling survival and growth attributes in tropical dry forests under the realm of climate change, plant community assembly,

functional diversity and soil attributes along the forest-savanna-grassland continuum in India, recovery of degraded mountains in central Himalayas and urban ecology

Publication (s)

Book:

- **Bhadouria R**, Tripathi SN, Srivastava P, Singh P (2020) **Handbook of Research on the Conservation and Restoration of Tropical Dry Forests**, IGI Global, Hershey PA, ISBN-1799800148, DOI: 10.4018/978-1-7998-0014-9
- Singh P, Singh R, Singh V, **Bhadouria R** (2021) **Pollutants and Water Management: Resources, Strategies, and Scarcity**, Wiley United Kingdom, ISBN- 978-1-119-69367-3
- Singh P, Singh R. Varma P, **Bhadouria R**, Kumar A (2021) **Plant-Microbes-Engineered Nano-particles (PM-ENPs) Nexus in Agro-Ecosystems - Understanding the Interaction of Plant, Microbes and Engineered Nano-particles (ENPS)**, Springer Nature Switzerland, ISBN- 978-3-030-66955-3
- Chaturvedi RK, Singh R, **Bhadouria R** (2021) **Tropical Dry Forests: Emerging Features and Ecological Perspectives**. Nova Science Publishers, NY, USA, ISBN: 978-1-53619-543-9
- **Bhadouria R**, Upadhyay S, Tripathi S, Singh P (2022) **Urban Ecology and Global Climate Change**, Wiley United Kingdom, ISBN-978-1-119-80718-6
- **Bhadouria R**, Singh S, Tripathi SN, Singh P (2023) **Understanding Soils of Mountainous Landscapes: Sustainable Use of Soil Ecosystem Services and Management**, Elsevier, ISBN: 9780323959254.
- **Rahul Bhadouria**, Sachchidanand Tripathi, Pardeep Singh, P. K. Joshi, Rishikesh Singh, (2023), **Urban Metabolism and Climate Change: Perspective for Sustainable Cities**, Springer, ISBN- 3031294211

- Singh R, Singh P, Singh S, Chandra KK, **Bhadouria R**, 2023, Xenobiotics in Urban Ecosystems: Sources, distribution and health impacts, Springer, **ISBN3031357744**,

International Journals:

- Srivastava P, Singh R, **Bhadouria R**, Tripathi S, Singh P, Singh H, Raghubanshi AS (2016) Organic amendment impact on SOC dynamics in dry tropics: A possible role of relative availability of inorganic- N pools. ***Agriculture, Ecosystems and Environment***, 235: 38-50 (**IF- 4.241**, Research article, **Elsevier**), **ISSN: 0167-8809**
- Tripathi S, **Bhadouria R**, Srivastava P, Singh R, Raghubanshi AS (2016) Abiotic determinants of tree seedling growth in tropical dry forests, ***Advances in Plant Physiology***, 17: 119-131, (**Scientific Publishers, India**), **ISSN- 978-81-7233**.
- Srivastava P, Singh PK, Singh R, **Bhadouria R**, Singh DK, Singh S, Afreen T, Tripathi S, Singh P, Singh H, Raghubanshi AS (2016) Relative availability of inorganic N pools sifts under land use changes: an unexplored variable in soil carbon dynamics. ***Ecological indicators***, 64: 228-236. (**IF- 4.229**, Research article, **Elsevier**), **ISSN: 1470-160X**
- **Bhadouria R**, Srivastava P, Singh R, Raghubanshi AS (2016) Understanding the ecology of tree seedling growth in dry tropical environment: a management perspective, ***Energy, Ecosystem and Environment***, 1: 296–309 (*Review article*, **Springer**), **ISSN: 2363-8338**
- Singh R, Singh H, Singh S, Afreen T, Upadhyay S, Singh AK, Srivastava P, **Bhadouria R** , Raghubanshi AS (2017) Riparian land uses affect the dry season soil CO₂ efflux under dry tropical ecosystems. ***Ecological Engineering***, 100: 291–300. (**IF- 3.512**, Research article, **Elsevier**), **ISSN: 0925-8574**
- **Bhadouria R**, Srivastava P, Singh R, Raghubanshi AS (2017) Tree seedling establishment in dry tropics: an urgent need of interaction studies. ***Environment Systems and Decisions***, 37: 88–100 (*Review article*, **Springer**), **ISSN: 21945411**
- Singh R, Singh A, **Bhadouria R**, Yadav HK (2017) Impact and Assessment of Heavy Metal Toxicity on Water Quality, Edible Fishes and Sediments in Lakes: A

- Review. **Trends in Biosciences** 10(8): 1551-1560. (NAAS- 3.94, Review article), **ISSN:** 0974-8431
- Singh A, Sheeba B, Singh H, Singh N, Pandey R, **Bhadouria R*** (2017) Biodiversity of Woody Species in Kamla Nehru Institute of Physical & Social Sciences, Sultanpur U.P. INDIA. **G-Journal of Environmental Science and Technology** 3(6): 56-60. (Research article), **ISSN:** 2360-7955
 - Singh R, Srivastava P, Singh P, **Bhadouria R**, Singh S, Singh H, Raghubanshi AS (2017) Biochar Residue Integrated Approach as a Conservation Agriculture Strategy for Climate Smart Farming. **Agricultural Research & Technology: Open Access Journal** 6(4): ARTOAJ.MS.ID.555693. (Opinion article, **Juniper Publishers**), **ISSN:** 2471-6774
 - **Bhadouria R**, Singh R, Srivastava P, Raghubanshi AS (2017) Interactive effect of water and nutrient on survival and growth of tree seedlings of four dry tropical tree species under grass competition, **Tropical Ecology** 58(3): 611-621. (**IF: 1.2, ISTE**, Research article), **ISSN:** 0564-3295.
 - Singh R, Singh A, **Bhadouria R** (2017) Water Quality Assessment Using Physico-Chemical Parameters and Heavy Metals of Lilour Lake, Bareilly, Uttar Pradesh (India), **International journal of pure and applied biosciences** 5 (6): 278-285 (**NAAS-4.74**), **ISSN:** 2582 – 2845
 - **Bhadouria R**, Srivastava P, Singh S, Singh H, Raghubanshi AS, Singh JS (2018) Effect of light nutrient and grass competition on seedlings of four tropical tree species, *Indian Forester* 144(1): 48-59 (**NAAS- 5.00**, Research article, **FRI**), **ISSN:** 0019-4816
 - Chaturvedi RK, Pandey SK, **Bhadouria R**, Singh S, Raghubanshi AS (2018) Phenotypic plasticity of morphological traits determine the performance of woody species in tropical dry forest, **International Journal of Hydrology** 2(4): 516–518 (Short communication, **MedCrave group**), **ISSN:** 2576-4454
 - Chaturvedi RK, Pandey SK, **Bhadouria R**, Singh S, Raghubanshi AS (2018) Woody species in tropical dry forest exhibit plasticity in physiological traits in response to variations in soil properties, **MOJ Ecology & Environmental Sciences** 3 (6): 364–367 (Short communication, **MedCrave group**), **ISSN:** 2573-2919
 - Tripathi SN, **Bhadouria R**, Srivastava P, Singh R, Raghubanshi AS (2018) The effects of interacting gradient of irradiance and water on seedlings of five tropical dry forest tree species, **Tropical Ecology** 59(3): 489-504 (**IF: 1.2**, Research article, **ISTE**), **ISSN:** 0564-3295.
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- **Bhadouria R**, Tripathi S, Rao KS (2018) Understanding plant community assemblage, functional diversity and soil attributes of Indian savannas through a continuum approach: a research perspective, *Tropical Ecology* 59(4): 545–554 (**IF: 1.2**, Review article, **ISTE**), **ISSN**: 0564-3295.
- Tripathi SN, **Bhadouria R**, Srivastava P, Devi RS, Chaturvedi RK, Raghubanshi AS (2020) Effects of variations in light availability on leaf attributes and seedling growth of four tree species in tropical dry forest, *Ecological Processes*, 9: 2, (**IF-1.6**, Research article, **Springer Nature**), **ISSN**: 2192-1709
- Srivastava P, Singh R, **Bhadouria R**, Tripathi S, Raghubanshi AS (2020) Temporal change in soil physicochemical, microbial, aggregate and available C characteristic in dry tropical ecosystem, *Catena*, 190: 104553, (**IF-5.33**, Research article, **Elsevier**), **ISSN**. 0341-8162
- Singh R, Srivastava P, **Bhadouria R**, Yadav A, Singh H, Raghubanshi AS (2020) Combined application of biochar and farmyard manure reduces wheat crop eco-physiological performance in a tropical dryland agro-ecosystem, *Energy Ecology Environment*, 5:171–183 (Research article, **Springer**), **ISSN**: 2363-8338
- **Bhadouria R**, Srivastava P, Singh R, Tripathi S, Varma P, Raghubanshi AS (2020) Effects of grass competition on tree seedlings growth under different light and nutrient availability conditions in tropical dry forests in India, *Ecological Research*, 35: 807–818 (**IF-1.6**, Research article, **Wiley**), **ISSN**:1440-1703
- Singh P, Borthakur A, Singh R, **Bhadouria R**, Singh VK, Devi P (2021) A critical review on the research trends and emerging technologies for arsenic decontamination from water, *Groundwater for Sustainable Development*, 14: 100607, (**IF-1.7**, Review article, **Elsevier**) **ISSN**: 2352-801X
- Chandra KK, Omesh V, Bhadouria R (2022) Guru Ghasidas University Campus Greenery for offsetting Carbon Dioxide and Improving Students' Academic Performance, *Current World Environment* 17: 213-225 (UGC Indexed) **ISSN**: 0973-4929
- Chaturvedi RK, Bhadouria R and Singh R (2023) Editorial: Variation in plant strategies with levels of forest disturbance. *Front. For. Glob. Change* 6:1197644. doi: 10.3389/ffgc.2023.1197644 (IF-4.4)

Book Chapter:

- **Bhadouria R** (2012) *Barriers to tropical dry forest regeneration in India*, In: **Biologix**, Singh N, Kumar A (ed.), pp- 147-152, (**KK Enterprises, New Delhi**), **ISBN-** 81-88919-13-6.
- Singh AK, **Bhadouria R** (2013) *Microbes in green technology and carbon sequestration in mine degraded land*, In: **Microbes and sustainable plant productivity**, Jamaluddin, Singh AK (ed.), pp- 170-178, (**Scientific Publishers**), **ISBN-** 9788172338572.
- Srivastava P, Singh R, **Bhadouria R**, Singh P, Tripathi S, Singh H, Raghubanshi AS, and Mishra PK (2018) *Physical and Biological Processes Controlling Soil C Dynamics*, In: **Sustainable Agriculture Reviews 33**, E. Lichtfouse (ed.), pp, 171-202, DOI: https://doi.org/10.1007/978-3-319-99076-7_6 (**Springer Nature Switzerland**). ISBN 978-3-319-99076-7
- **Bhadouria R**, Singh R, Singh VK , Borthakur A , Ahamad A , Kumar G , Singh P (2019), *Agriculture in the Era of Climate Change: Consequences and Effects*, In: **Climate Change and Agricultural Ecosystems**, Choudhary KK, Kumar A, Singh AK (ed.), pp, 1-23, (**Elsevier**), DOI: <https://doi.org/10.1016/B978-0-12-816483-9.00001-3>, **ISBN:** 9780128164839
- Srivastava P, Singh R, **Bhadouria R**, Tripathi S, Singh H, Raghubanshi AS (2019) *Understanding soil aggregate dynamics and its relation with land use and climate change*, In: **Climate Change and Agricultural Ecosystems**, Choudhary KK, Kumar A, Singh AK (ed.), pp. 331-354, (**Elsevier**), DOI: <https://doi.org/10.1016/B978-0-12-816483-9.00021-9>, **ISBN:** 9780128164839
- Tripathi SN, Singh VK, Srivastava P, Singh R, Devi RS, Kumar A, **Bhadouria R*** (2019) *Phytoremediation of organic pollutants: Current status and future directions*, In: **Abatement of Environmental Pollutants**, Singh P, Kumar A, Borthakur A (ed.), pp. 81-105, DOI: <https://doi.org/10.1016/B978-0-12-818095-2.00004-7> (**Elsevier**), **ISBN-** 9780128180952
- Tripathi SN, Srivastava P, Devi RS, **Bhadouria R*** (2020) Influence of synthetic fertilizers and pesticides on soil health and soil microbiology, In: **Agrochemicals Detection, Treatment and Remediation**, Prasad MNV (ed.) pp. 25-54, (**Elsevier**), DOI: <https://doi.org/10.1016/B978-0-08-103017-2.00002-7>, **ISBN:** 9780081030172
- **Bhadouria R**, Das S, Kumar A, Singh R, Singh VK (2020) *Mycoremediation of agrochemicals*, In: **Agrochemicals Detection, Treatment**

- and Remediation**, Prasad MNV (ed.), pp. 593-620, DOI: <https://doi.org/10.1016/B978-0-08-103017-2.00022-2> (**Elsevier**), **ISBN-9780081030172**
- Singh VK, Singh R, Tripathi SN, Devi RS, Srivastava P, Singh P, Kumar A, **Bhadouria R*** (2020) *Seed priming: state of the art and new perspectives in the era of climate change*, In: **Climate Change and Soil Interactions**, Prasad, MNV. Pietrzykowski, Marcin (ed.), pp. 143-170, DOI: <https://doi.org/10.1016/B978-0-12-818032-7.00006-0>, (**Elsevier**), **ISBN-9780128180327**
 - Kumar A, Kumar A, Singh R, Singh R, Pandey S, Rai A, Singh VK, **Bhadouria R** (2020) *Genetically engineered bacteria for the degradation of dye and other organic compounds*, In: **Abatement of Environmental Pollutants**, Singh P, Kumar A, Borthakur A (ed.) pp. 331-350, DOI: <https://doi.org/10.1016/B978-0-12-818095-2.00016-3>, (**Elsevier**), **ISBN-978-0-12-818095-2**
 - Singh R, **Bhadouria R***, Singh P, Kumar A, Pandey S, Singh VK (2020) *Nanofiltration technology for removal of pathogens present in drinking water*, In: **Waterborne Pathogens-Detection and Treatment**, Prasad MNV, Grobelak A (ed.), pp. 463-489, DOI: <https://doi.org/10.1016/B978-0-12-818783-8.00021-9>, (**Elsevier**), **ISBN: 9780128187838**
 - **Bhadouria R**, Mishra D, Singh VK, Singh P, Srivastava P, Tripathi S, Singh R (2020) *Nanocatalyst types and their potential impacts in agroecosystems: An overview*, In: **Nano-Materials as Photocatalysts for Degradation of Environmental Pollutants**, Singh P, Borthakur A, Mishra PK, Tiwary D (ed.) pp. 323-344, DOI: <https://doi.org/10.1016/B978-0-12-818598-8.00016-X>, (**Elsevier**), **ISBN: 978-0-12-818598-8**
 - Singh R, Srivastava P, Verma P, Singh P, **Bhadouria R**, Singh VK, Singh H, Raghubanshi AS (2020) *Exploring soil responses to various organic amendments under dry tropical agroecosystems*, In: **Climate Change and Soil Interactions**, Prasad, MNV. Pietrzykowski, Marcin (ed.) pp. 583-611, DOI: <https://doi.org/10.1016/B978-0-12-818032-7.00021-7>, (**Elsevier**), **ISBN: 9780128180327**
 - Kapoor V, Tripathi S, Devi RS, Srivastava P, **Bhadouria R** (2020) **Ecological economics in an urban settlement: an overview**, In: *Urban Ecology: Emerging Patterns and Social-Ecological Systems*, Verma P, Singh P, Singh R, Raghubanshi
-

AS (ed.) pp. 91-110, DOI: <https://doi.org/10.1016/B978-0-12-820730-7.00006-9>,
(Elsevier), ISBN: 9780128207307

- Singh VK, Chaudhari AK, Kin Israel R, Notarte KIR, Kumar A, Singh R, **Bhadouria R** (2020) *Metal-oxidizing microbes and potential application in bioremediation*, In: **Microbe Mediated Remediation of Environmental Contaminants**, Kumar A, Singh VK, Singh P, Mishra VK (ed.) DOI: <https://doi.org/10.1016/B978-0-12-821199-1.00011-0>, (Elsevier) ISBN: 9780128211991
- Singh VK, Singh R, Kumar A, **Bhadouria R**, Notarte KI (2020) *Perspectives in desulfurization of coal using microbes*, In: **Microbe mediated remediation of environment**, Kumar A, Singh VK, Singh P, Mishra VK (ed.) DOI: <https://doi.org/10.1016/B978-0-12-821199-1.00014-6>, (Elsevier) ISBN: 9780128211991
- Singh VK, Kumar A, Singh R, **Bhadouria R** (2020) *Current status of plant diseases and food security*, In: **Food Security and Plant Disease Management**, Kumar A, Droby S (ed.) DOI: <https://doi.org/10.1016/B978-0-12-821843-3.00019-2>, (Elsevier), ISBN: 9780128218433
- Singh VK, Singh R, Kumar A, **Bhadouria R** (2020) *Harnessing the potential of biostimulants and biocontrol agents for sustainable management of agricultural productivity*, In: **Food Security and Plant Disease Management**, Kumar A, Droby S (ed.) DOI: <https://doi.org/10.1016/B978-0-12-821843-3.00006-4>, (Elsevier), ISBN: 9780128218433
- Singh VK, Singh R, Kumar A, **Bhadouria R**, Kumar P, Notarte KI (2021) *Biostimulant applications in crops under abiotic stress conditions*, In: **Microbiome Stimulants for Crops: Mechanisms and Applications**, White J, Kumar A, Droby S (ed.), DOI: [10.1016/B978-0-12-822122-8.00022-4](https://doi.org/10.1016/B978-0-12-822122-8.00022-4) (Elsevier), ISBN: 9780128221228
- Singh VK, Singh R, Kumar A, **Bhadouria R**, Kumar P, Notarte KI (2021) *Antibiotics and antibiotic resistance genes in agro-ecosystems as emerging contaminants*, In: **Sustainable Agriculture Reviews 50, Emerging Contaminants in Agriculture**, Singh K, Singh, R, Lichtfouse E (Ed), DOI: [10.1007/978-3-030-63249-6_7](https://doi.org/10.1007/978-3-030-63249-6_7) (Springer International Publishing), ISBN: 978-3-030-63249-6

- Singh VK, Singh R, Kumar A, **Bhadouria R**, Shilpi Pandey (2021) *Sewage wastewater and sludge as source of traditional and emerging contaminants in agro-ecosystems*, In: **Sustainable Agriculture Reviews 50, Emerging Contaminants in Agriculture**, Singh K, Singh, R, **Lichtfouse E (Ed)**, DOI: 10.1007/978-3-030-63249-6_2, (**Springer International Publishing**), ISBN: 978-3-030-63249-6
- G N Tanjina Hasnat, Rahul Bhadouria (2023), **Prediction of land cover changes of Khagrachhari Hilly Upazila using artificial-neural-network-based cellular automata model**, In: *Understanding Soils of Mountainous Landscapes*, Rahul Bhadouria et al. (ed.), DOI: [10.1016/B978-0-323-95925-4.00003-0](https://doi.org/10.1016/B978-0-323-95925-4.00003-0), (Elsevier)
- Bhadouria, R., Tripathi, S., Singh, P., Joshi, P.K. and Singh, R., 2023. Urban Metabolism and Global Climate Change: An Overview. In: *Urban Metabolism and Climate Change: Perspective for Sustainable Cities*, Bhadouria et al. (ed) pp.3-22, DOI: 10.1007/978-3-031-29422-8_1, Springer.

Full Papers in Conference Proceedings:

- Tewari PC, **Bhadouria R**, Pandey P, Shukla S (2017) Simultaneous assessment of pentachlorophenol degrading potential of two bacterial consortia isolated from tannery and pulp and paper mill effluent sludge, In: *Environmental Issues and challenges in 21st century*, **Kashyap Publication, Ghaziabad, pp. 191-199, ISBN-978-93882422-62-4.**

Published Abstracts in Seminar/ Conference:

International

- **Bhadouria R**, *Restoration and Development of Dry Tropical Forest in India*, in 2nd international conference on climate change at ITM, Gwalior (M.P.) during 5th -7th December 2010.
- **Bhadouria R**, *Restoration and Development of Dry Tropical Forest in India for Mitigation of Climate Change*, in Fourth International Conferences on Plants & Environmental Pollution (ICPEP-4) at NBRI Lucknow (U.P) during 8th -11th December 2010.
- **Bhadouria R**, Chaturvedi RK, *Dry deciduous forest in Vindhyan Highlands: the interplay between abiotic environment and tree seedling interactions*, In: IUFRO symposium at Department of Forestry, PAU, Ludhiana during 10 – 11 February 2011.

- **Bhadouria R**, *Combined effect of various environmental factors on tree seedling growth in dry tropical environment*, In: 3rd international conference on climate change at ITM, Gwalior (M.P.) during 5th -7th February 2012.
- Singh PK, Swapnil P, Meena M, Singh AV, Kedia A, Singh DK, **Bhadouria R**, Singh S, *Ethnomedicinally important tree species of district Sonbhadra, Uttar Pradesh, India*, In: International congress on 'Ecological Integrity and Environmental Ethics, Living for a Sustainable Future' during 8-11 November, 2014 at GB Pant university of agriculture and technology.
- **Bhadouria R**, Singh S, Srivastava P, Singh R, *Problems in doctoral research*, In: International conference on issues and challenges in doctoral research on 25th August 2015 at I A Sc. BHU.

National

- **Bhadouria R**, *Tree seedling management: implication for restoration of dry tropical forest and mitigation of global warming*, In: National Workshop on "Role of higher education in disaster management: issues and challenges" during 29 -30 April 2011 at IESD, BHU, Varanasi.
- Chaturvedi RK, Pandey SK, **Bhadouria R**, Singh S, *Soil moisture availability and Status of carbon sequestration potential of a tropical dry forest, India* In: National Workshop on "Role of higher education in disaster management: issues and challenges" during 29 -30 April 2011 at IESD, BHU, Varanasi.
- **Bhadouria R**, In National conference on impact of global waring and climate change on biodiversity at RHSPG College, Jaunpur, on 20-21 February, 2012.
- Tripathi S, **Bhadouria R** & Raghubanshi AS, *Impact of resource interaction on seedlings of tree species in tropical dry forests – research needs* In: EICC -2013, organized by Bareilly College Bareilly, UP.
- **Bhadouria R**, *Effect of grass on tree seedling establishment in dry tropical forest*, In: 10th National Symposium on biotechnological Approaches: Constraints and Opportunities during 27-29 January, 2013 at Goa organized by Society of Plant Protection Sciences, IARI, New Delhi.
- Tripathi S, **Bhadouria R**, Raghubanshi AS, *The effect of interacting gradient of irradiance on seedlings of five tropical dry forest tree species* In: ESEB-2013, during 1-3 March 2013 Organized by Centre for Advanced Study in Botany, BHU, Varanasi, UP.

- Singh A, **Bhadouria R**, *Status of Biomedical waste and their possible health risk with controlling measures in Bareilly city*, In: ABHE- 2013 on 11 March, 2013 organized by Bareilly College Bareilly, UP.
- **Bhadouria R**, *Interactive effect of water nutrient and grass competition on tree seedling growth of four dry tropical tree species*, In: National seminar on environmental issues for socio ecological development during February, 25-26, 2015 at Bareilly College Bareilly, UP.
- **Bhadouria R**, In National conference on climate change at Deen Dayal Upadhyaya College, (University of Delhi)
- Singh A, Sheeba B, Singh H, Singh N, Pandey R, **Bhadouria R***, *Biodiversity of woody species in Kamla Nehru Institute of Physical and Social Sciences*, In: National conference on efficient management of solid waste to protect environment on 5 June 2017, at Bareilly college Bareilly.
- Kumar A, **Bhadouria R***, *Issues and challenges for doubling farmers income in India by 2022*, In: National conference on Role of Modern biological sciences for enhancing Farmers economy and welfare of the society on 12th -13th November 2018, organised by Faculty of Science, RRPg college, Amethi.

Seminar/ Conference Attended

- Presented a paper entitled “*Disaster Management*” In: national seminar from 20-22 December 2005 at GSPG, College, Surajnagar, Moradabad UP
- Presented a paper on “*Role of Environmental Education in Higher Education*” In: national seminar at IGPG College, Gauriganj, Sultanpur, UP during 27th -29th February 2007.
- Participated in Scientific and academic seminar on “*Anthropogenic Hazards in hydrosphere*” on 5th February 2009 at RRPg College, Amethi, Sultanpur.
- Participated in national seminar In: Government PG College Sangipur, Pratapgarh UP and submitted abstract entitled “*Politics in Environment*” on 7th -9th March 2009.
- National conference on “*Environmental Problems in India and Challenges to Plant Biologist*” on 4 -5th February 2011 at U.P. College (Autonomous College), Varanasi.
- 6th Teachers science congress at Banaras Hindu University, on 8-11, November, 2011
- Scientific and academic seminar on “*Environmental impact of polymers on nature*” on 1st April, 2012 at RRPg College Amethi, Sultanpur.

- Deployment and Collaboration of SPSS Report & Models using Analou analysis portal on January 23, 2013 organized by Department of Botany, BHU, Varanasi, U.P.

Training Programme (s)

- Participated in Latex Training Programme organized by DST- CIMS, BHU, Varanasi, held from February 27 to March 03, 2012.
- Participated in USAID supported Training programme on Biopesticide production-quality assurance and uses on March 27-29, 2012.
- Summer School in Environmental Impact Assessment (EIA) organized by IIITM-Kerala, Thiruvananthapuram from April 22-26, 2013.
- Participated in Faculty Development Program on Biostatistics: Theoretical and Practical Aspects from 14 to 18 March 2018 at Deen Dayal Upadhyaya College, (University of Delhi).



Rahul Bhadouria