

PERSONAL INFORMATION



Nidhi Raina

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Sex: Female | **Date of birth:** 03/06/1988 | **Nationality:** Indian

PERSONAL STATEMENT

An independent, creative, and enthusiastic researcher with strong communication and project management skills gained in the field of environmental systems; seeking suitable research opportunities.

WORK EXPERIENCE

Dec 2019 – Oct 2021

Research Fellow

EU H2020 Project: CONSOLE - CONtract Solutions for Effective and lasting delivery of agri-environmental-climate public goods by EU agriculture and forestry (Research and Innovation action: H2020 - GA 817949)

DEPARTMENT OF AGRICULTURAL SCIENCES (DISTAL), UNIVERSITY OF BOLOGNA

Viale Giuseppe Fanin, 40/50, 40127 Bologna BO, Italy

- Providing project support through handling different work packages
- Stakeholder communication and coordination
- Publications and Reporting

April 2017 – Aug 2017

Intern

Building with Nature Program

UNESCO-IHE DELFT INSTITUTE FOR WATER EDUCATION

Westvest 7, 2611 AX Delft, The Netherlands

- Research and publication-writing for Building with Nature concepts
- Assisting in organising and managing the summer course on Nature-based Solutions

May 2015 – Aug 2015

Intern

Leaders for Nature Program

INTERNATIONAL UNION FOR CONSERVATION OF NATURE (IUCN) – INDIA

C-10 Gulmohar Park, New Delhi, India

- Communication with Businesses
- Risk-Opportunity Assessment of Businesses
- Organising & Reporting Masterclass between IUCN and different corporates on 4th June 2015 on Promoting eco-restoration in Aravallies.

Sept 2013 – April 2015

Project Manager

ITPGR project, “Using rice genetic diversity to support farmers’ adaptation to climate change for sustainable production and improved livelihoods in India.”

GENE CAMPAIGN

J-235/A Lane W-15/C Sainik Farms, New Delhi – 110062, India

- Field visits with stakeholders
- Conducting surveys, FGDs and interviews with the farmers
- Setting up community seed banks in rural areas
- Conducting seed diversity fairs and farmer field schools
- Analysing field data and writing reports for ITPGR

EDUCATION AND TRAINING

Nov 2021 – Present	PhD (<i>pursuing</i>) PhD in Agricultural and Food Economics and Policy Supervisor – Prof. Davide Viaggi DEPARTMENT OF AGRICULTURAL SCIENCES (DISTAL), UNIVERSITY OF BOLOGNA Viale Giuseppe Fanin, 40/50, 40127 Bologna BO, Italy
Sept 2015 – Aug 2017	MSc Environmental Sciences Wageningen University & Research, The Netherlands Awarded Netherlands Fellowship Program (2015-2017) for the study program Specialization: Environmental Systems Analysis Thesis Vulnerability of Southern Europe for Flood Risks & Water Sector: An Assessment with the Integrated Assessment Platform Model Research Project, IHE Delft Institute for Water Education, Delft, Netherlands: Nature-based solutions
Aug 2010 – July 2012	MSc Biological Sciences Jamia Milia Islamia University, New Delhi, India Thesis: Effect of arsenic stress on wheat seedlings and ability of cyanobacteria to act as bio-fertilizer Research project, National Centre for Disease Control, Delhi, India: Genomic analysis of part of drug-resistant Pol gene in HIV positive infants from Northern part of India
July 2007 – July 2010	BSc Life Sciences Sri Venkateswara College, University of Delhi, India Subjects: Botany, Zoology, Physics, Chemistry, Mathematics, English, Environmental Studies, Biotechnology

PERSONAL SKILLS

Mother tongue(s) Other languages

English
Dutch
Italian

Hindi and Kashmiri		SPEAKING		WRITING
UNDERSTANDING		Spoken interaction	Spoken production	
Listening	Reading			
C2	C2	C2	C2	C2
A2	A2	A2	A1	A1
A2	A2	A2	A1	A1

JOB-RELATED SKILLS

• Research Skills:

- Project Management
- Data Collection and Analysis
- Research Strategies & Research Ethics
- Scientific & Academic writing
- Statistical skills

• Communication Skills:

- Presentations and oral communications
- Written communication: reporting and presenting
- Interview skills (for data collection and research)
- Stakeholder management and facilitation

• **IT & Digital Skills:**

- MS Office: Word, PowerPoint, Excel, Outlook
- Statistical Packages: SPSS, R studio
- Programming: MATLAB, R programming
- Design software: Photoshop, InDesign, MS Paint
- Climate models: IMAGE, Panoply, ClimSave, IMPRESSIONS

ADDITIONAL INFORMATION

References

Prof. Chris Zevenbergen

Professor of Flood Resilience of Urban Systems
UNESCO-IHE Delft
Phone: +31152151844
Email: c.zevenbergen@un-ihe.org

Dr. Andre van Amstel

Associate Professor
Department of Environmental Sciences
Wageningen University & Research
Email: andreronaldvanamstel@gmail.com
Phone: +31317484815

Prof. Dr. Rik Leemans

Professor (Head) Environmental Systems Analysis Group
Department of Environmental Sciences
Wageningen University & Research
Email: rik.leemans@wur.nl
Phone: +31317484919 / +31317484812

LIST OF PUBLICATIONS

1. SCIENTIFIC PUBLICATIONS

- **Article:** “A systematic review of attributes used in choice experiments for agri-environmental contracts”
Citation: N. Raina, M. Zavalloni, S. Targetti, R. D’Alberto, M. Raggi, D. Viaggi (2021). A systematic review of attributes used in choice experiments for agri-environmental contracts. *Bio-based and Applied Economics* 10(2): 137-152. doi: 10.36253/bae-9678
- **Article:** “Evolution of Flood Defense Strategies: Toward Nature-based Solutions”
Citation: Chiu, Y. Y., Raina, N., & Chen, H. E. (2022). Evolution of Flood Defense Strategies: Toward Nature-Based Solutions. *Environments*, 9(1), 2.

2. TECHNICAL AND PROJECT REPORTS

- **Project Report - EU H2020 Project: CONSOLE:** Deliverable D1.1: Preliminary Framework
Authors: Viaggi D., Raggi M., Zavalloni M., Galioto F., Targetti S., Raina N., Schaller L., Eichhorn T. Kantelhardt J. 2020
Contributors: Bartolini F., Iglesias A., Martin Ortega J., Pluimers J., Runge T., Schulp N., Vergamini D., Cardwell M., Chartier O., Langlais-Hesse A., Holden J., Majewski E.
<https://drive.google.com/file/d/1EVE68KrzIXsJw8NLTmYZaRyNIGgfsFNB/view>
- **Project Report - EU H2020 Project: CONSOLE:** Deliverable D1.2: Identification of potential improved solutions 2020

Authors: Viaggi D., Raina N., Targetti S.

Contributors: Eichorn T., Kurttila M., Runge T., Schaller L.

https://drive.google.com/file/d/1dmu6_ziycWebac5DqMHEms9szgYzCXKS/view

- **Project Report - Interreg North Sea Region - Building with Nature Project:** 'Upscaling': Practice, Policy and Capacity Building. Insights from the Partners' experience. 2019
Authors: Grazia Di Giovanni, Chris Zevenbergen, Yen-Yu Chui, and Nidhi Raina
https://northsearegion.eu/media/11655/bwnreportwp6barriers_final_submit.pdf
- **Project Report - Interreg North Sea Region - Building with Nature Project:** Building with Nature: Definition Final report November 2019
Authors: Chris Zevenbergen, Yen-Yu Chui, Grazia Di Giovanni, and Nidhi Raina
https://northsearegion.eu/media/11656/definitionofbwn_final_submit.pdf
- **Technical Report:** Liben Report, Consultancy for IPR Praha 2017
Authors: Nidhi Raina, Jules van Riel, Manon Smeets, Carolina Vosátková, Elba Stefania Valenzuela Velázquez, and Niels Zevenbergen
https://www.iprpraha.cz/uploads/assets/dokumenty/kvp/Prazske%20svahy/liben_final_report_en.pdf

3. CONFERENCES

- **Conference Proceeding:** "Implementing improved contract solutions for agri-environmental public goods: preliminary results from the CONSOLE survey in Emilia-Romagna"
Authors: Raina, N., D'Alberto, R., Targetti, S., Zavalloni, M., Raggi, M., Viaggi, D.
10 – 11 June 2021 10th AIEAA Conference, Italy
- **Conference Proceeding:** "Stakeholders' perception of the potential of innovative agri-environmental and climate schemes in Emilia-Romagna"
Authors: Frongia, A., Targetti, S., D'Alberto, R., Raggi, M., Raina, N., Zavalloni, M., Viaggi, D.
10 – 11 June 2021 10th AIEAA Conference, Italy
- **Organized Session & Presentations:** "Improving the Provision of AgriEnvironmental-Climatic Public Goods by Agriculture and Forestry: A Conceptual Framework"
Session organizers: D. Viaggi, T. Eichhorn, J. Kantelhardt, M. Raggi, N. Raina, T. Runge, L. Schaller, S. Targetti, M. Zavalloni
20 – 23 July 2021 16th Congress of the European Association of Agricultural Economists, EAAE, Prague
- **Poster Presentation:** "Systematic Review of Agri-environmental Scheme Attributes Used in Choice Experiments"
Authors: Raina, Nidhi; Zavalloni, Matteo; Raggi, Meri; Targetti, Stefano; D'Alberto, Riccardo; Viaggi, Davide
20 – 23 July 2021 16th Congress of the European Association of Agricultural Economists, EAAE, Prague
- **Conference Proceeding:** "A systematic review of attributes used in choice experiments for agri-environmental contracts"
Authors: Raina, Nidhi; Zavalloni, Matteo; Raggi, Meri; Targetti, Stefano; D'Alberto, Riccardo; Viaggi, Davide;
11-12 June 2020 9th AIEAA Online Conference, Italy
https://www.aieaa.org/sites/default/files/AIEAA%202020%20Programme%20Online%20Conference%20final_patrocinio_0.pdf

- **Conference Proceeding:** “The Evolution of Nature-based Solutions: Green Infrastructure, Low Impact Development, Ecological Engineering and Building with Nature”.
Authors: Yen-Yu Chiu, Nidhi Raina, Grazia Di Giovanni, Richard Ashley, and Chris Zevenbergen
Seventh International Conference on Flood Management (ICFM7) (5-7 September 2017), Leeds, UK
<https://www.icfm.world/pdf/ICFM7-Oral%20Presentations%20Book%20of%20Abstracts-ICFM7.pdf>

4. THESES

- **Masters’ thesis** on “Vulnerability of Southern Europe for Flood Risks & Water Sector: An Assessment with the IAP Model” at Wageningen University & Research, The Netherlands for completion of MSc Environmental Science <https://www.wur.nl/en/Research-Results/Chair-groups/Environmental-Sciences/Environmental-Systems-Analysis-Group/Education/Past-MSc-theses/MSc-theses-2017.htm>
- **Internship project report** on “Nature based Solutions” at UNESCO-IHE, Delft, The Netherlands for completion of MSc Environmental Sciences at Wageningen University & Research <https://www.wur.nl/en/testimonial/Nidhi-Raina-on-her-internship-at-UNESCO-IHE-Delft.htm> (Also includes articles and movies posted on IHE-Delft website: <https://www.youtube.com/watch?v=hUkw8qAzOkE>)
- **Masters’ thesis dissertation** on “Effect of arsenic stress on wheat seedlings and ability of cyanobacteria to act as bio-fertilizer” at Jamia Milia Islamia, India for completion of MSc Biosciences
- **Internship project thesis** on “Genomic analysis of part of drug resistant Pol gene in HIV positive infants from Northern part of India” National Centre for Disease Control (NCDC), Delhi, India for completion of MSc Biosciences