

CAREER SUMMARY

- **An accomplished development professional with over 10 years of experience** in agricultural development, natural resource management, corporate social responsibility and rural development initiatives. Adept in managing interdisciplinary projects with a focus on sustainability-enhancing innovation in agriculture.
 - **Extensive experience in leading comprehensive field research**, managing project portfolios, and conducting impact assessments. Proven ability to coordinate diverse teams across multiple sectors to achieve project objectives.
 - **Skilled in applying advanced GIS and remote sensing** technologies in resource management and impact evaluations and social development projects
 - **Demonstrated expertise in working with government agencies**, international donors, corporate and academic institutions.
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AREAS OF EXPERTISE

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| ▪ Agriculture Development | ▪ Participatory Development | ▪ Proposal Development |
| ▪ Natural Resource Management | ▪ Data Analysis (Stata, ArcGIS, Python) | ▪ Project Management (PMP certified) |
| ▪ GIS & Remote Sensing | ▪ Business Development | ▪ Research Communication |
| ▪ Corporate Social Responsibility | ▪ Stakeholder collaboration | ▪ Project appraisal and evaluation |
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PROFESSIONAL EXPERIENCE

Indian Institute of Management Udaipur, Udaipur, India

January 2014 – May 2019

IIM Udaipur, a second-generation IIM, one of the fastest-growing management schools in the country (In 10 years of inception is ranked 16 in India, rated 4th among Indian business schools in management research by University of Texas Dallas)

Research Manager, Centre for Development Policy and Management

- **Led interdisciplinary projects, managing collaboration** between research teams, funders, and execution partners, ensuring compliance with financial audits and accurate reporting.
- **Floated EOI and drafted RFP for conducting a baseline** study for the Sahariya Tribe in Baran District, Rajasthan, India, supervising the data collection process for 18,500 households from 2014 to 2018.
- **Evaluated Seva Mandir's (NGO) Participatory Development Program**, managing collaboration with research agencies, village institutions, and stakeholders. Assisted the project team in developing GIS maps based on coordinates and census data for finalizing the sample frame (Research project funded by Georgetown University, and SITE, Stockholm)

Ernst & Young Pvt Ltd, New Delhi, India

July 2012 – January 2014

Government and Public sector advisory services consults and evaluates social and environmental projects

Associate Consultant

- **Provided strategic support for UNILIVER's** natural resource and climate change adaptation project of tank cascade development for livelihoods in southern India. Inputs in technical and conceptual support in the project development and monitoring.
- **Evaluated the performance of social and infrastructure** projects under the 10% Lump sum scheme for the benefit of the Northeastern Region, India (Ministry of Housing and Poverty Alleviation, Government of India)
- **Project appraisal of 'support my school campaign'** funded by Coca-Cola based on the DAC evaluation criteria of World Bank. Evaluated the project outreach, results, processes and project sustainability.
- **Assisted a team of 10 members in conducting** Skill Gap Analysis for the state of Uttarakhand spearheaded by National Skill Development Corporation. Acquired GIS data and developed project maps using ArcGIS (<https://nsdcindia.org/sites/default/files/files/uttarakhand-sg-presentation.pdf>)
- **Contributed:** Created the environment section of the corporate social responsibility policy document of Balmer & Lawrie Co. Ltd

Indian Institute of Forest Management, Bhopal, India

August 2009 – September 2010

An Autonomous Institute of the Ministry of Environment, Forest & Climate Change, Govt. of India. Involved in teaching research and consultancy.

Project Consultant

- **Assessed the performance of the Integrated Natural Resource Management and Poverty Reduction Project (INRMPPR)**, funded by the Japanese International Cooperation Agency (JICA). Collaborated with an interdisciplinary team of ecologists, social scientists, finance experts, and natural resource management specialists- [Project link](#)
- **Carried out comprehensive onsite evaluations across 17 districts in Haryana, India**, focusing on forestry, soil and water conservation, and socio-economic initiatives. Supervised and compiled data collection efforts, analyzing social, ecological, and economic benefits of project initiatives.
- **Coordinated with senior forest officers and government bureaucrats** to draft the final project evaluation report, contributing significantly to the forestry chapter of the consultancy report.

Foundation for Ecological Security, Anand, India

A pan India level national environment NGO known for ecological restoration and community development work on common property resources

June 2006 – August 2009

Project Officer

- **Directed a team of 20 in the planning and implementation** of the Watershed Development Initiative, including community forestry, water harvesting structures, and soil and water conservation projects in the Lakhundar and Papagani River Watershed basins in Madhya Pradesh and Karnataka ([Project link](#))

- **Organized community meetings** to develop work plans for watershed and forestry projects. Facilitated PRA exercises such as social maps, resource maps, seasonality etc to plan and implement watershed development activities.
- **Coordinated institutional development** and capacity-building workshops for Watershed Development Committees and Tree-Growers Cooperative Societies, including collaboration with local and district administrations.
- **Formulated annual work plans**, including budgeting, planning, deployment, status reporting, and project evaluation.

EDUCATION

PhD candidate, Agriculture Economics

2019 (October)

University of Hohenheim, Stuttgart, BW

Expected date of thesis submission November 2024

M.S in Environment Science and Policy

2012

Clark University - Massachusetts, United States

Masters 'Thesis: "Redefining Performance Evaluation: A Case Study of

Integrated Natural Resource Management and Poverty Reduction Project in Haryana, India"

Post Graduate Diploma in Rural Development

2006

Xavier Institute of Social Service - Jharkhand, India

PUBLICATION/PROJECT WORK

Policy Brief

- Democratizing messaging? The role of ICTs in agriculture extension

<https://ebrary.ifpri.org/digital/collection/p15738coll2/id/136968>

Peer Reviewed

Levelling the field: A review of the ICT revolution and agricultural extension in the Global South. Journal of International Development, 1–21. September 05, 2024

<https://doi.org/10.1002/jid.3949> (ABDC List – B)

In Progress research work

- Gender differences in access to information and adoption of climate-smart agriculture practices in Uganda: The role of women's empowerment (with Kato Edward, Elizabeth Bryan, Christine Bosch, Saurabh Gupta, Regina Birner), to be submitted to World Development
- How Do Agri-Entrepreneurs Make Use of Digital Technologies? Case-Studies from India (with Dharendra Shukla, Saurabh Gupta, Thomas Daum, Regina Birner), to be submitted to Journal of Business Venturing

Non-Peer reviewed

- Calibration of Landsat TM 5 Data to Evaluate Forest Cover Change: A Case Study of Mahendergarh district in the state of Haryana, India" which included calibration of satellite data to explore change in forest cover and transition between different land use from 1998 to 2011

- Global Impact of El Nino Modoki: A time series analysis (1982-2010). Calibrated hybrid data (precipitation, and rainfall) received from National Aeronautical Space Agency (NASA) to identify global hot spot
- Vector Analysis on the Impact of Hurricane Emily in 2005 on Northeastern Mexico” involved working on Arc Map and Spatial Analysis tools to evaluate hurricane damage.

CONFERENCE PROCEEDINGS AND PRESENTATIONS

- The Changing Nature of ICTs for Agricultural Extension in Developing Countries - A Review. Paper accepted for poster presentation in Tropentag 2021
<https://www.tropentag.de/2021/abstracts/posters/305.pdf>
- Gender differences in access to information and adoption of climate-smart agriculture practices in Uganda: The role of women’s empowerment. Paper accepted for oral presentation in Tropentag 2021, Stuttgart
https://www.tropentag.de/2021/abstracts/links/Khan_EXbQmGDK.php
- How Do Agri-Entrepreneurs Make Use of Digital Technologies? Case-Studies from India. ISA World Congress of Sociology to be held on May 25th, 2023, in Australia. Paper accepted for oral presentation.
<https://isaconf.confex.com/isaconf/wc2023/meetingapp.cgi/Paper/146806>

HONORS AND AWARDS

- DAAD Scholarship for Development-Related Post-Graduate Course, PhD in 2019
- Ford Foundation International Fellowships Program, Masters in 2009 in recognition for community development and environment work
- Received a grant of \$1000 from the Ford Foundation and €1950 Euros from the University of Hohenheim to present “*How Do Agri-Entrepreneurs Make Use of Digital Technologies? Case-Studies from India*” in ISA World Congress of Sociology in Melbourne Australia, on June 29, 2023.
- ELLS Training Course “Navigating Brussels” & Travel Grant – Selected as one of three candidates from the University of Hohenheim to attend this program, from May 23 to May 25, 2023

PROFESSIONAL MEMBERSHIP

- European Association of Development Research and Training Institutes (EADI) – Membership number - 1385
- International Sociological Association (ISA) dedicated to the sociology of agriculture and food RC40

SCIENTIFIC SOFTWARE/CERTIFICATION

- Programming: R and Python
- Application: Stata, ArcGIS, IDRISI (remote sensing) NVIvo

- AIDAHO certification from University of Hohenheim- Practical Introduction to programming in Python

LANGUAGE COMPETENCY

English – Professional proficiency

Hindi – Native Bilingual

Bengali - Native Bilingual

German – B1.1 – Limited proficiency