STATEMENT OF RESEARCH INTEREST

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I started my journey from Kangra a remote rural and ecologically sensitives village in the Himalayan region of India. Born and brought up in a rural setting, I understand rural and ecological problems which are mostly related to employment, education and non-availability of basic amenities in addition to its association with caste and cultural factors. I always wanted to explore and broaden my horizons about the interaction of environmental, society and economy as my region in India is exposed to the environmental impacts, economy is based on agriculture, and people experience wide range of deprivation. These experiences and aspirations evoked and inspired me to pursue education and research on sustainability, socio-ecological system, and climate change issues. I have a sound professional and research expertise in the areas of sustainability science, climate change, socio-ecological system, spatial modelling, and decision-making tools. Rigorous research training has helped me associate the smallest research thought of a concerned issue on a larger canvas. I have come to realize that unless the triple bottom line of society, economy and environment are duly addressed and amalgamated into concrete actions, the ethos of sustainable development will remain mere rhetoric. This belief stems from the knowledge and experience I have gathered from my education and several live projects I have worked on in my home country (India) and abroad (Netherlands, Italy, USA, and Ireland). With a strong motivation for application-oriented research I have been engaged in developing policy tools and frameworks in open as well as close experimental environments. I am trained to analyze a large data set of satellite remote sensing, geo-information data, primary and secondary data. My recent interests include policy analysis, climate change, socio-ecological system, vulnerability assessment, and decision-making tools.