

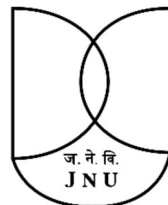
HEAT VULNERABILITY INDEX IN INDIAN DISTRICTS

Dissertation submitted in partial fulfilment of the requirements of the award of the
degree of

MASTER OF SCIENCE

Submitted by
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2022

ACKNOWLEDGEMENT

“Feeling gratitude and not expressing it is like wrapping a present and not giving it.”

- William Arthur Ward

My greatest journey of learning would not have been possible without the guidance, wishes and constant support of a few good people. First of all, I wish to express my deep gratitude, appreciation and sense of indebtedness to my supervisor Prof. P. K. Joshi for giving me the kind opportunity and excellent guidance in completing my dissertation under his supervision. Without his guiding lights of wisdom, belief, and care at each step, this journey would have been totally impossible. I would like to thank Prof. Paulraj Rajamani, Dean of School of Environmental Sciences (SES) who provided resources and facilities of the school during my course of work.

More than a mentor, and a friend, that is what I can say to describe Dr. Susanta Mahato who was kind enough to share his valuable time and inputs in every single process that I went through at each step of my dissertation. I am thankful to Mr Praveen Kumar, who has been my major go to person whenever I was stuck with any of the analysis or naïve doubts. I am also very thankful to Geetanjali, who has always motivated me and cheered me to give my best, and being worried about me being alone in the laboratory, thus accompanying me always. Their availability and tolerance throughout made this journey easier and complete. I am also thankful to other members of laboratory, Manjul Panwar, Satish Kumar Saini and Jayshree Das for help and cooperation.

I am thankful to Government of India, for Census of India 2011 and United States Geological Survey (USGS) for making datasets available, which were used in this research work. The equipment support from the Sustainable Natural Resource Use in Arctic and High Mountainous Areas (SUNRAISE) and Urban Resilience and

Adaptation for India and Mongolia (URGENT) projects-funded by the Erasmus+ Programme of the European Union are duly acknowledged.

I am thankful for the affection, care and support that I have received from my classmates, friends and seniors for providing healthy environment throughout these two years.

I express my profound gratitude to my family for their love, support and constant encouragement throughout this work. I cannot express in words how much grateful I am to my father and mother for the constant support and motivation. Big thanks to my mother for putting up with my antics, supporting and motivating me especially during those unexpected anxiety and sickness ridden days. This journey cannot be meaningful without thanking my best friend Priyamwada who graciously listened to each and all highs and lows of my dissertation journey. In the end, I would also like to thank myself for consistently working despite all the illness and crisis situations.

Date: 21 June 2022

New Delhi

A handwritten signature in black ink, appearing to read 'Bhawna' with a horizontal line underneath the name.

(Bhawna Yadav)

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LIST OF ABBREVIATIONS

CGI	- Census unit-based general indicator
ESRI	- Environmental Systems Research Institute
FSI	- Forest Survey of India
GIS	- Geographical Information Systems
GPS	- Global Positioning System
IPCC	- The Intergovernmental Panel on Climate Change
IR	- Infra-red
ISFR	- India State of Forest Report
JNU	- Jawaharlal Nehru University
JPEG	- Joint Photographic Experts Group
LULC	- Land Use Land Cover
MAM	- March April May
NCT	- National Capital Territory
NDVI	- Normalized Difference Vegetation Index
RGI	- Raster-based general indicator
RS	- Remote Sensing
UHI	- Urban Heat Island
USGS	- United States Geological Survey
IMD	- Indian Meteorological Department
EM-DAT	- Emergency Events Database



Co-funded by the
Erasmus+ Programme
of the European Union



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The appended material is based on research carried out at the partner institution of URGENT Project, and has potentially utilised the equipment support, inputs based on course revised/developed and training programs (*lecture series, research seminar and webinars*) through the URGENT Project.

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The complete thesis can be obtained from Prof P K Joshi (pkjoshi27@hotmail.com or pkjoshi@mail.jnu.ac.in).