Acknowledgements

I acknowledge with deep gratitude the guidance and motivation I received from my supervisor, Prof. Abdul Munir, Chairman, department of Geography, AMU, Aligarh. Without his scholarly guidance and affectionate encouragement this work could have never taken the present shape.

I sincerely thank teachers of the Department of Geography, AMU, Aligarh for their help and encouragement. I am also thankful to the people of National Highway Authority of India (NHAI) for their cooperation.

Thanks are due to the staff of the Libraries: Maulana Azad and Departmental Seminar at AMU, Aligarh, Central Road Research Institute (CRRI), New Delhi, and American Centre Library, New Delhi for their continuous support.

Mere words fail to express my appreciations to my parents who were the real source of motivation and inspiration and to my siblings Amir and Aysha. My institution where I am presently working was very supportive throughout the research.

Thanks are also due to Indian Institute of Remote Sensing, IIRS for training me in Remote Sensing and Geographic Information Systems (GIS). This training
equipped me to analyse and interpret satellite data in GIS format.

I must thank my family and friends for their encouragement and support. I am very fortunate to find these wonderful humans.

Thanks are due to my companion, my wife for helping me in more than one ways.

(Rashid Aziz Faridi)