Acknowledgements

I express my sincere thanks to my supervisor Prof. Indra Nath Mukherji for his persuasive, inspirational and impeccable guidance. It is his valuable suggestions, patient hearing and generosity in granting innumerable excuses that made this thesis possible. I feel very fortunate and privileged to have an opportunity to work under his supervision.

I owe my gratitude to librarian and staff of JNU, CSE, TERI, SDC, BCAS, BUP, Unnayan Samaya, IUCN and CDP for their cooperation.

This thesis would not have been completed in absence of field visit to Bangladesh. I sincerely thank JNU in providing me grant for field visit. My sincere thanks to Climate experts Dr Ahsanuddin Ahmed, Dr Q K Ahmed, Dr Atiq Rahman, Mr Sardar Shafiqul Alam, Dr Ataur Rahman, Dr Asaduzzaman, Dr Tapan Kumar Ghosal, Mr Zakir Hossain, Mr Raqibul Amin and Mr Nazrul Islam based in Bangladesh for their guidance and valuable comments.

The field visit to South west Bangladesh would not have been possible without the logistic arrangements made by Dr Ahsan and Mr Sardar. I thanks to researchers of Gopal Ganj’s BCAS, Uttaran and CDP, Khulna. I also owe thanks to local people of Gopal Ganj, Tala, Khulna and Satkhira for providing me answers to my number of queries related with climate change.

I owe my sincere gratitude to Dr Mohidul Huq and Mr Mihir Biswas for their valuable guidance and for logistic arrangements in Dhaka. I also owe my thanks to Mr Alam and other staff of Sujan Rest House, Dhaka.

My thesis might have not been put in present structure without the valuable help of Tushar. He was always there to guide me, provide valuable comments and to make necessary corrections. I thanks to Mukesh for proof reading of my all chapters. I also thanks to South
Asian Division faculties for their support. My sincere thanks to Prof Riyaz Punjabi, Dr Ashok, Dr Sujata Singh, Prof P K Chaubey and Prof P K Banerji for providing me flexibility during job assignment.

Thanks to Amit, Vivek, Anand, Sonu, Ravi, Kshitij, Rais, Veeru, Bhushan and Shilpa for staying by my side during the moment of crisis. Thanks to all my friends and well wishers. Puneeta deserves a special mention for her invaluable support during the execution of this work.

My heartful gratitude and indebtedness to my parents, relatives and well wishers for their support, patience and encouragement, which enabled me to complete my thesis.

Deepender Kumar