

1. Record Nr.	UNINA9910299439503321
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Titolo	Impact of Urbanization on Water Shortage in Face of Climatic Aberrations / / by Mrinmoy Majumder
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2015
ISBN	981-4560-73-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (105 p.)
Collana	SpringerBriefs in Water Science and Technology, , 2194-7244
Disciplina	333.7 338.927 54 541.38 551.48 553.7 711.4
Soggetti	Nuclear chemistry Hydrology City planning Environmental management Sustainable development Environmental sciences Nuclear Chemistry Hydrology/Water Resources Urbanism Water Policy/Water Governance/Water Management Sustainable Development Math. Appl. in Environmental Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Introduction -- Multi Criteria Decision Making -- Artificial Neural Network -- Climate change and Climate Models -- Detail Methodology -- Result and Discussion -- Conclusion.
Sommario/riassunto	The uncontrolled utilization of natural resources to supply to the water

demands of the ever-growing population has brought about worldwide scarcity. The supply shortage has resulted in conflicts between countries, created prolonged drought, closing of industrial units, shifting of local inhabitants etc. The abnormality in climatic patterns due to global warming has only enhanced the uncertainties. Unregulated discharge of waste water into fresh water resources is also polluting the available water resources and making them non-utilizable. That is why the discrepancy between water supply and demand is slowly but steadily becoming a problem, which may lead to conflict and inequality all over the world. The present investigation is an attempt to find the impact of urbanization in the face of climatic uncertainties on water shortage or scarcity. How is climate responsible? What urbanization factors have an influence on the extent of shortages? What is the role of the socio-economic status of the inhabitants? Industrialization? Consumption pattern? Each of the causes and effects were analyzed with the help of data from a climate model, which was then fed into a hydrologic model. The hydrologic output data was then put into various other novel simulation platforms to predict the uncertainties that can be caused by urbanization in various sectors of the regions of interest. The impact was calculated based on IPCC recommended climatic and five distinct urbanization scenarios. The study results will help to predict what is in store of those living in the developing countries. Possible mitigation measures are also discussed.
