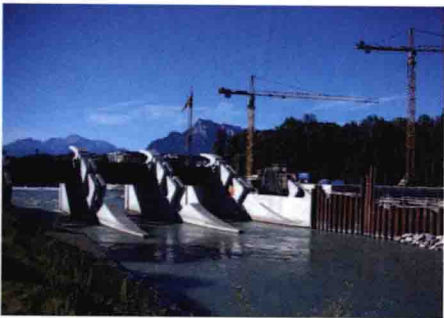


Handbook of
**Engineering
Hydrology**

Dr. Tanjina Nur, Ph.D.



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Handbook of Engineering Hydrology

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The last chapters of the book describe remote sensing-based assessment of the variability of winter and summer precipitation in the Pamirs and their effects on hydrology and hazards using harmonic time series analysis. We also try to find out the hydrological excitation of polar motion derived from GRACE gravity field solutions and spatial evaluation of heavy metals concentrations in the surface sediment of Taihu Lake. At the end, we describe National scale rainfall-runoff modelling with demonstration of a hydrological modelling framework and large-Scale hydrological modeling and decision-making for agricultural water consumption and allocation in the main stem tarim river of China.



Tanjina finished her PhD in Civil and Environmental Engineering in 2014 from University of Technology Sydney (UTS). Now she is working as Post-Doctoral Researcher in the Centre for Technology in Water and Wastewater (CTWW) and published about eight International journal papers with 80 citations. Her research interest is wastewater treatment technology using adsorption process.

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Preface

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