

Abbreviations

WQI	Water Quality Index
ETP	Effluent Treatment Plant
STP	Sewage Treatment Plant
DO	Dissolved Oxygen
BOD	Biochemical Oxygen Demand
COD	Chemical Oxygen Demand
TA	Total Alkalinity
FCO ₂	Free Carbon Dioxide
SS	Suspended Solids
TDS	Total Dissolved Solids
FC	Fecal Coliform
NH ₃ -N	Ammonical Nitrogen
SO ₄	Sulphate
NSF	National Sanitation Foundation
SRDD	Scottish Research Development Department
EQ	Environmental Quality index
CCME	Canadian Council of Minister of the Environment
DPAP	Drought Prone Area Programme
DDP	Desert Development Programme
ES-WQI	Eco-system Specific Water Quality Index
CIP	Combinatorial Index of Water Pollution

IOB	Index of Oxygen Balance
BWQI	Bathing Water Quality Index
MBWQI	Modified Bascaron Water Quality Index
CWQI	Composite Water Quality Index
AHP	Analytic Hierarchy Process
MCDA	Multiple Criteria Decision Analysis
CA	Cluster Analysis
PCA	Principle Component Analysis
RMSE	Root Mean Squared Error
MAPE	Mean Absolute Percentage Error
WHO	World Health Organisation
CPCB	Central Pollution Control Board
CWC	Central Water Commission
MLR	Multivariable Linear Regression Model
PLR	Piecewise Linear Regression Model
DA	Discriminant Analysis
GWQI	Ganga Water Quality Index
LoA	Limit of Agreement
CCA	Canonical Correlation Analysis
SAR	Sodium Absorption Ratio
APHA	American Public Health Association
°C	Degree Celsius

uS/cm	microSiemens per centimeter
mg/L	milligrams per liter
Pt-Co	Platinum-Cobalt
MPN	Most Probable Number
% Sat	Percentage Saturation
ppm	Parts per million
ABS	Alkyl Benzene Sulphonate
CCE	Carbon Chloroform Extract
NTU	Nephelometric turbidity unit
EHI	Eco-Heart Index

