

LIST OF ABBREVIATIONS

AHP	Analytic Hierarchy Process
APHA	American Public Health Association
ARC GIS	Aeronautical Reconnaissance Coverage Geographic Information System
BDL	Below Detectable Limit
BIS	Bureau of Indian Standards
BOD	Biological Oxygen Demand
C	Centigrade
Ca	Calcium
CA	Cluster Analysis
CGWB	Central Ground Water Board
COD	Chemical Oxygen Demand
CPHEEO	Central Public Health and Environmental Engineering Organization
CR	Consistency Ratio
DA	Discriminate Analysis
DEM	Digital Elevation Model
ETM	Enhanced Thematic Mapper
GACL	Gujarat Alkalies and Chemical Limited
GIDC	Gujarat Industrial Development Corporation
GIS	Geographic Information System
GMB	Gujarat Maritime Board
Govt.	Government
GPS	Global Positioning System
GSFC	Gujarat State Fertilizer and Chemical Limited
ICMAM	Integrated Coastal and Marine Area Management
IDW	Inverse Distance Weighted
IIRS	Indian Institute of Remote Sensing
INFLIBNET	Information and Library Network

IPCL	Indian Petrochemical Limited
ISRO	Indian Space Research Organization
IWDS	Industrial Waste Disposal Sites
LISS	Linear Imaging Self Scanning Sensor
LST	Land Surface Temperature
LULC	Land Use and Land Cover
m	Metre
M.P.H	Miles Per Hour
M.S.L.	Mean Sea Level
MCDA	Multi-criteria Decision Making Analysis
mg/l	Miligram per Litre
mm	Millimetre
MSP	Marine Shipbuilding Park
Na	Sodium
NE	North East
NH	National Highway
NO ₂	Nitrite
NO ₃	Nitrate
NRSC	National Remote Sensing Centre
ONGC	Oil and Natural Gas Corporation
OS	Other Sources
PCA	Principal Component Analysis
PCM	Pairwise Comparison Matrix
pH	Potential of Hydrogen
PHC	Primary Health Centers
PHED	Public Health Engineering Department
RS	Remote Sensing
s/cm-1x 10 ⁻³	Siemens/centimeter

SOI	Survey of India
SPSS	Statistical Package for the Social Sciences
sq. km.	Square kilometre
TDS	Total Dissolved Solids
TGW	Treated Ground Water
TM	Thematic Mapper
UTM	Universal Transverse Mercator
UV/VIS	Ultraviolet/Visible
WASPAS	Weighted Aggregated Sum Product Assessment
WGS84	World Geodetic System 1984
WHO	World Health Organization
WOA	Weighted Overlay Analysis
WQI	Water Quality Index
WSM	Weighted Sum Model
µm	Micrometre