Title	Author	Publication	Contents
Real-time Water Quality Monitoring and Estimation in AIoT for Freshwater Biodiversity Conservation	Yuhao Wang , Ivan Wang-Hei Ho , Senior Member, IEEE, Yang Chen, Yuhong Wang, and Yinghong Lin	DOI 10.1109/JIOT.2021.3078166, IEEE Internet of Things Journal	water quality parameters that impact the biodiversity of freshwater is conducted and identified the top-10 crucial water quality parameters
Sensor based water quality monitoring system	B. Paul	BRAC University, 2018	Causes and effects of water pollution is presented, and comprehensive review of different methods of water quality monitoring and an efficient IoT based method for water quality monitoring has been discussed.
The use of artificial neural networks for the prediction of water quality parameters	H. R. Maier and G. C. Dandy	Water resources Research, vol. 32, pp. 1013-1022, 1996	Analysis gives that ANN models appear to be a useful tool for forecasting salinity in rivers
The real time monitoring of water quality in IoT environment	N. Vijayakumar and R.Ramya	5 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), 2015, pp. 1-5	5 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), 2015, pp. 1-5

Real-time estimation of population exposure to PM2.5 using mobile- and station-based big data	B. Chen, Y. Song, T. Jiang, Z. Chen, B. Huang,and B. Xu	Int J Environ Res PublicHealth, vol. 15, Mar 23 2018	The proposed method in this paper can well quantify dynamics of the real-time population distribution and yield the estimation of population exposure to PM2.5 concentrations and cumulative inhaled PM2.5 masses with a 3-h updating frequency
Water quality monitoring using wireless sensor networks: Current trends and future research directions	K. S. Adu-Manu, C.Tapparello, W. Heinzelman, F. A. Katsriku, and J.-D. Abdulai	ACM Transactions onSensor Networks (TOSN), vol. 13, p. 4, 2017	Survey of the current state of the art in the design and implementation of WSN based WQM systems, describing a framework for WSN-based WQM systems and discussing the technologies used at each stage in the monitoring process.
IOT based water quality monitoring system	Jayti bhatt,Jignesh patoliya	International Journal of Industrial Electronics and Electrical Engineering,ISSN:23 47-6982	To ensure the safe supply of drinking water the quality should be monitored in real time for

			that purpose new approach IOT based water quality monitoring.
Real time wireless monitoring and control of water systems using Zigbee.	Ani, Meynard Frizth A.Chua, Divina A.Cuna, Michael John A	International conference on computational intelligence and communication networks	In this monitoring system, sensors monitor the water level, dissolved oxygen,turbidity,te mperature and pH level of the water
Design and Development of Real Time Water Quality Monitoring System	Meghana M, Kiran Kumar B M Divya Kiran Ravikant Verma	2019 Global Conference for Advancement in Technology (GCAT)	system that is developed to measure the parameters of water such as turbidity dissolved solvents PH and temperature.The sensors are interfaced with Arduino UNO and raspberry Pi for data processing
Real-time water quality monitoring through Internet of Things and ANOVA-based analysis: a case study on river Krishna	Prasad M . Pujar Harish H Raviraj . M Uma kant . P	Applied Water Science, Volume 10, Issue 1, id.22	It has emphasized on the IOT based water quality monitoring system by the statistical analysis where one way and two way analysis of variance (ANOVA)