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# Green Way

Newsletter

[www.greenenvironmentindia.com](http://www.greenenvironmentindia.com)

(An IIT Madras incubated /graduated Environmental Engg company)

## IoT-based RTM- Expanding Horizons...



- RTM for water monitoring can be used in a wide range of scenarios in India

Real Time Monitoring (RTM) system identifies changes in the water quality parameters and provides alerts before the quality reaches to the abnormal level, with the help of sensors and Internet of Things (IoT). Parameters such as pH, Turbidity, Temperature, BOD and TDS are measured by RTM.



Industrial/  
Commercial  
segment

Fresh water as well as  
wastewater  
monitoring in  
Industrial and  
Commercial segment

Ensuring water  
reuse, reducing  
fresh water  
dependency,  
saving water  
spend



Individual  
Homes/  
Residential  
segment

Fresh water as well as  
wastewater monitoring  
in individual homes,  
colonies and residential  
apartments

Ensuring water  
safety and  
protecting  
health, Ensuring  
water reuse,  
saving water  
spend



Local bodies/  
public water  
distributors

Monitoring of Public  
Water Distribution  
schemes

Ensuring water  
quality, addressing  
leakages .



Governments/  
local bodies/  
environment  
research bodies

Pollution monitoring of  
rivers, lakes and other  
water bodies including  
those for tourism activities  
and amusement

Controlling  
pollution  
protecting aquatic  
life, protecting  
environment

RTM is widely getting recognised as the cutting edge technology in ensuring water sustainability.

In India, RTM has started getting wide acclaims as an effective tool in ensuring water quality, promoting water reuse and cutting down water costs in industrial, commercial as well as residential sectors.

Whilst the Government of India is going ahead with the Namami Gange project where IoT based river monitoring forms an important part, RTM is becoming much in demand as a water monitoring tool which can be put into use to check water quality / water environment in various scenarios.



Governments/  
local bodies

Controlling  
pollution, ensuring  
water quality,  
protecting  
environment

Ground water pollution  
monitoring



Individual farms,  
regional farmers  
collectives

Checking  
chemical  
residues in  
water, Protecting  
crops and  
livestock

Monitoring of  
irrigational  
/agricultural water



Governments  
/ local bodies/  
fish farm  
segment

Protecting fish,  
other aquatic  
farm products  
from  
contaminated  
water

Monitoring of water in  
aquatic farms to ensure  
safety to comercialy grown  
snails, fish, shrimps, prawns  
etc



Governments/  
international  
ocean research  
bodies

Ensuring safety  
of oceanic life  
and protecting  
environment

Studying pollution of  
brackish waters and  
oceanic water

## TAMILNADU

E01-05, First Floor, IIT Madras  
Research Park,  
Kanagam Road, Taramani,  
Chennai - 600 113.

## KERALA

Harisree, Aravinda Ghosh Road,  
Puduppanam Post, Vadakara,  
Kozhikode,  
Kerala, 673105.

## KARNATAKA

Social Alpha, No.3, 14th Main road,  
Agara Village, HSR Layout 5th  
Sector,  
Bangalore, 560102.

## CONTACT US

+91 99626 63255

[mail@greenenvironmentindia.com](mailto:mail@greenenvironmentindia.com)

[www.greenenvironmentindia.com](http://www.greenenvironmentindia.com)



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