

**CLICK HERE AND TYPE THE TITLE OF YOUR PAPER, CAPITAL, TIMES NEW ROMAN WITH FONT SIZES: TITLE 14PT + BOLD]**

Name XX<sup>1</sup> Name YY<sup>2</sup> [Times New Roman-12 pt]

<sup>1</sup>First affiliation, Address, City and Postcode, Country [Times New Roman-10 Pt +Italic]

<sup>2</sup>Second affiliations, Address, City and Postcode, Country [Times New Roman-10 Pt +Italic]

Email: [examples@gmail.com](mailto:examples@gmail.com) [Times New Roman-10 Pt +Italic]

{ Alignment: Centered, Spacing: Before: 0, After:0 and Line spacing- single, leave one line blanks after this }

**ABSTRACT [Centered, Times New Roman- 12pt + Bold]**

{Leave one line blank}

Here you write abstract of research article with Times New Roman, 10 font sizes and it should not take more than 250 words. You can also retype your document in this same format paper. [Times New Roman-11 pt, single spacing]

Example:

The system analysis for management of water resources can be performed either by optimization or simulation. Optimization is carried out to get the best possible solution under different constraints of water availability, area affinity and social commitment, while, simulation is carried out by studying the behavior of the system for multiple scenarios.

**Keywords:** Optimization, constraints, reservoir operation [Times New Roman, 11-Italic]

{Leave one line blank}

**1. INTRODUCTION Main Headings [Times New Roman, All CAPS, 12-Bold]**

{Leave one line blank}

Water is a basic requirement for all forms of life. Its availability for use is beset by many problems. Irregular distribution of fresh water sources over the surface of the earth makes water scare. During monsoon months, large quantities of water flow as runoff. The distribution of rainfall over a year is uneven and therefore during non-monsoon months sufficient water is not available for agriculture and drinking. Hence, it is an essential task to optimize the utilization of water resources within the technical and economical framework.

The forest cover has great influence on the adjoining areas by way of regulating streams and long duration of flow, reducing the silt yield, increasing the groundwater recharge. The government has started suitable management techniques for water harvesting {Leave one line blank after each paragraph}

**Body of paper as indicated below may contain literature survey and other relevant paras with main heading, sub-heading etc.**

**1.1 Reservoir operation: Sub headings [Times New Roman, First Word Capital, 12-Bold]**

{Leave one line blank after each paragraph}

The irrigation projects in India are running on low efficiency due to application and conveyance losses, improper reservoir operation and poor maintenance of regulator and outlets. Most of the reservoirs are multipurpose including flood control, hydropower generation, water supply, navigation, restoration, etc. The situation of too much water in the rainy season and too little water in the dry season causes many difficulties in reservoir operation. Due to changes of hydro-meteorological conditions and shifting goals of water requirements from one region to the others, the reservoirs have different operation rules. [Times New Roman-12 pt, single spacing]

{Leave one line blank after each paragraph}

**2. MATERIAL AND METHODS Main Headings [Times New Roman, 12-Bold]**

{Leave one line blank after each paragraph}

Text is Times New Roman, 12 font size, single spacing.

Reservoir operation involves consideration of a number of decision variables, multiple objectives as well as risk and uncertainty (Oliveira and Loucks, 1997). In addition, the conflicting objectives lead to significant challenges for operators when making operational decisions. For development of irrigation management and reservoir operation model for Benisagar project in MIKE BASIN, drainage and catchment boundary maps have been used as inputs and pseudo DEM, flow direction

and accumulation maps have been generated for delineation of river reaches and catchment in the software. [Times New Roman-12 pt, single spacing]

{Leave one line blank after each paragraph}

### 3. RESULTS AND DISCUSSION Main Headings [Times New Roman, 12-Bold]

{Leave one line blank after each paragraph}

Text is Times New Roman, 12 font size, single spacing.

The drought analysis of Rajnagar confirmed that the area is affected by drought frequently. For conducting irrigation management and reservoir operation studies, a MIKE BASIN model for designed cropping pattern has been developed. [Times New Roman-12 pt, single spacing]

{Leave one line blank after each paragraph}

### 4. CONCLUSIONS Main Headings [Times New Roman, 12-Bold]

{Leave one line blank after each paragraph}

Text is Times New Roman, 12 font size, single spacing.

The gross water requirement for design cropping pattern may vary from 361.71 Mm<sup>3</sup> to 432.52 Mm<sup>3</sup> under variable conditions of climate, rainfall and field efficiencies. Similarly, gross water requirement for present cropping pattern may fluctuate between 349.23 and 433.97 Mm<sup>3</sup>. The gross water requirement during average rainfall years may be 416.56 Mm<sup>3</sup> at 80% conveyance and 75% application efficiencies during average rainfall years for present cropping pattern is 416.56 Mm<sup>3</sup> which is less than total water available and after improving the efficiencies, efficient irrigation releases and consumptive use more area can be brought under irrigation. [Times New Roman-12 pt, single spacing]

{Leave one line blank after each paragraph}

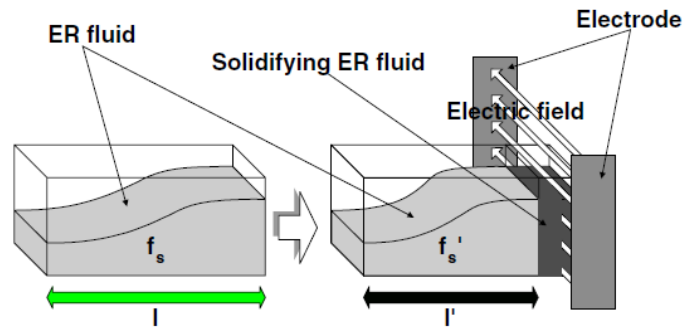
Representation of references during text:

Hassaballah et al. (2012) developed a methodology by coupling simulation-optimization approach for determining filling rules of proposed Mandaya Reservoir in Ethiopia with minimum impact on hydropower generation downstream at Roseires Reservoir in Sudan.

Table and Figure should be in numerical order and inserted with text. The examples of table and figure are given below [Table and Figure heading in Times New Roman- 12pt, Bold up to Table and Figure Number only, Centered and then leave one line blank, All entries in table should be in Times New Roman- 10pt, Spacing: Before: 0, After:0 and Line spacing- single, Leave one line blank after table]

**Table 3.** Demand and deficit for users in command (Mm<sup>3</sup>)

Scenario	Left command	Right command	Tank supply	Scenario	Left command	Right command
DCP-I	7.34	2.34	10.29	3.88	0.81	0.64
DCP-II	6.55	1.00	8.73	1.50	0.81	0.27
DCP-III	13.01	10.67	19.20	15.79	0.81	0.81
DCP-IV	12.19	8.12	16.06	12.84	0.81	0.81



**Figure 1.** A schematic diagram of the mechanism of ER-TSD

## REFERENCES

{Leave one line blank after Reference heading}

References should be in alphabetic order with Times New Roman, single line, 11 pts font size

Box GEP, Jenkins GM. *Time series analysis - forecasting and control*, Holden-Day, San Francisco, CA, 1970.

Chowdhury RN, Tang WH. (1987). Comparison of risk models for slopes, Proceedings of the 5<sup>th</sup> International Conference on Applications of Statistics and Probability in Soil and Structural Engineering, Vienna, Austria December 4-6, 1987, pp. 863–869.

Sahai AK, Soman M.K, Satyan V (2000). All India Summer rainfall prediction using artificial neural network, *Climate Dynamics* 16(4): 291-302.

## Equations

Equations should be placed flush-left with the text margin and should be preceded and followed by one line spacing. Also sequential numbering should be provided as (1), (2) etc for all Equations. Equations should be referred in the text if found relevant (Example : .... computed using Equation (3), Equation (2) represents ...)

$$\left(\frac{\partial^2 \phi}{\partial x^2}\right) + \left(\frac{\partial^2 \phi}{\partial y^2}\right) = 0 \quad (1)$$

## Note:

- 1. The paper containing the images should be in the .jpeg/jpg format only.**
- 2. Authors must follow the template provided for submission of the paper, which is prerequisite for the acceptance of the same.**
- 3. Max 8 pages allowed**
- 4. Maximum 5 MB Paper size allowed to upload**