**Manuscript Tile for Conference on Sustainable Water Resources Management**

Author1, Author2, Author3\*

1 Institute/University Name of Author Affiliation

2 Institute/University Name of Author Affiliation

3 Institute/University Name of Author Affiliation

Email: \*Corresponding Author Email

**Abstract:** *The aim of this research work was to study…………………………………………………………………….. ………………………………………………………………. (Abstract of Manuscript)* ***(Font: 10 italic)***

***Keywords:*** Regression analysis; Velocity Sensor etc.

**Introduction**

Due to turbulent flows action, removal of sediments occurs near the structures which is known as scouring. …………… ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**Methodology**

Experimental work was carried out in “Sediment Circulatory Loop”…………… ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**Results and discussions**

Simple regression analysis is performed for the scour values against velocity ………………… ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**Conclusions**

From comparison of developed models, we have concluded that scour depth is ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**References**

A. Keshavarzi, R. Gazni, and S. R. Homayoon, "Prediction of scouring around an arch-shaped bed sill using Neuro-Fuzzy model," Applied Soft Computing, Volume 12 , pp. 486-493, 2012.

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………