



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_48704
Title of the Manuscript:	Study the Space –time variations of Indus River Flow Propagation
Type of the Article	ORIGINAL RESEARCH ARTICLE

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	1. The functions of $P_{KN}(k, n)$ and $P_K(k)$ and $P_N(n)$ should be given. 2. How to define the variable "lag" ? 3. The raw data in Fig. 1 should be given. 4. How were the MI values normalized ?	1. Usually river flow distributions functions are negatively skewed, high frequency of low values and low frequency of higher values. 2. Lag is the number of time shifting of second data series relative to first data series. 3. Raw data of Fig. 1, & 2 are given in Table-1 4. Here we consider MI between two data series normalization take place w.r.t. reference station's MI (Shannon entropy or mutual information at lag = 0). Because, we consider Space –time variations of Indus River Flow Propagation using CC and MI method w.r.t. three reference stations, Kotri, Sukkur, and Guddu
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	