



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_51286
Title of the Manuscript:	Invasions of Cosmic Rays, Aerosol Plasma and Powerful Atmospheric Vortices
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	<p>Since time immemorial Cosmic Rays, Aerosol Plasma, Powerful Atmospheric Vortices, Asteroids, meteorites, Space dust , Solar flares have been invading earth and playing directly and indirectly in the genesis and dynamics of atmosphere based precipitations of varied intensities. Title of the paper is too general and does not focus on main objective. It may please be altered. Author opines that the influence of anthropogenic pollution on atmospheric processes is increasing. He further opines that the intensification of the vortex structures, the climate contrast, floods, droughts, hurricanes, and the invasion of cold in low latitudes are increasing. To substantiate his opinion author has taken up the present study to show that the excitation of polar cyclones in the winter period is not accidental, and such developments could enhance aberrations in the global precipitation dynamics. Such studies are useful and need publication, after restructuring the text by focusing on specific studies that would help in successfully meeting the main objective.</p> <p>By including genesis and development of various earth-atmospheric phenomena he has diverged from the main theme of the paper. He also diluted importance of previous studies by either not inserting proper references or jumbled up number of references, without explicitly explaining contribution of individual or individual groups of authors. This aberration needs to be rectified, while restructuring the revised manuscript.</p>	
Minor REVISION comments	If feasible reduce number of equations that may not necessarily contribute to the final outcome.	
Optional/General comments	Focus on main theme and avoid explanation of various phenomena, which are readily available from published literature.	



SDI Review Form 1.6

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	<i>P. R. Reddy</i>
Department, University & Country	<i>CSIR- National Geophysical Research Institute, India</i>