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| Journal Name: | Asian Basic and Applied Research Journal |
| Manuscript Number: | Ms_ABAARJ_1774 |
| Title of the Manuscript: | A STUDY OF COSMIC RAY VARIABILITY DURING A SOLAR MAGNETIC CYCLE (SOLAR CYCLES 23 AND 24) |
| Type of the Article | |

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PART 1: Review Comments

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| Minor REVISION comments | | |
| Is the language/English quality of the article suitable for scholarly communications? | | |
| Optional/General comments | <p>Comments on the paper</p> <p>A STUDY OF COSMIC RAY VARIABILITY DURING A SOLAR MAGNETIC CYCLE (SOLAR CYCLES 23 AND 24)</p> <p>The authors investigate the variations in Cosmic Ray intensities during Solar Cycles 23 and 24, considering the changes in CR intensities, solar wind parameters, and geomagnetic indices - and separating the analysis of the ascending and declining phases of SCs 23 and 24. The methods rely on the standard classical methods of statistical analysis of observational data.</p> <p>They report an exhaustive review of previous investigations, focused on the available less systematic and less exhaustive studies.</p> <p>The general results are certainly useful for all investigators of solar-terrestrial relations.</p> <p>The phenomenon, however, is extremely intricate - and it is therefore unlikely that one or a few indices alone, dealing either with cosmic rays, or with solar indices, or with solar wind parameters, or with geomagnetic indices, can give justice of the complicated nature of phenomena.</p> <p>Certainly, this paper helps to focus on the enormous difficulty to give a physical interpretation of phenomena – and as such, the paper helps to set order and make clarity on the difficulties of this kind of statistical investigations.</p> <p>The paper is well written, and can be easily read, with fluent English.</p> <p>I have just two “technical” suggestions.</p> <p>Concerning Fig. 17, it can be read on a PC by expanding the size. I wonder if it can be readable on a printed journal. I suggest using several figures of much larger size.</p> <p>In addition, I personally greatly appreciate when papers contain at the very end a list of acronyms. This is very helpful for the reader to memorize the acronyms used in the paper. This takes a comparably small space, even though it is of great help for the audience.</p> <p>I have no conflict of interest.</p> <p>To my understanding, the paper can be published as it is.</p> <p>I have no need to remain anonymous.</p> | I have re-plotted Fig 17, by separating it to more than 1 figure |

PART 2:

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| | 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) | |