



SDI Review Form 1.6

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_41860
Title of the Manuscript:	EUROPEAN ATMOSPHERIC CIRCULATION CLASSIFICATIONS
Type of the Article	Short communication

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>Please include all references mentioned in the text (including Table 1) (e.g. line 35: Vangengeim-Giers) in the references list at the end of the article.</p> <p>Please also give the proportion equivalent of the number of cases for each weather type, discussed in lines 112 -120. Please also mention the total number of cases taken into consideration (= 100%) (from September 1957 to August 2002) in Table 3 included.</p> <p>Please also mention what types of synoptic maps were taken into consideration: the sea-surface level or the 500 hPa level? The 00, 06, 12 and 18 hrs. ones or the daily ones?</p> <p>A brief description of synoptic types presented in Table 2 would be highly recommended, with an approximate identification (on Fig. 4 A-J) of the main pressure systems with accompanying air-flows.</p> <p>Please mention the exact parameters described n figs. 2 and 3. They are blank figs...</p> <p>The conclusions chapter should better focus on the advantages of the classifying criteria taken into consideration.</p>	Thanks a lot to the reviewer for useful comments. They are all corrected.
Minor REVISION comments	A minor revision of the English equivalent for specific meteorological terms would also be welcomed (e.g. centres of baric formations...).	
Optional/General comments	This overview of the main classification systems of synoptic patterns over Europe is an interesting and original, but well-accounted for, approach to a long-debated issue on how could most relevant tools be selected and combined to sort out and group in repeated weather contexts. However, the authors are kindly advised to make the minor amendments as suggested above.	