



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>	
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	<p>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.</p> <p>However, the authors are kindly advised to make the minor amendments as suggested above.</p>	



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