



The importance of the domain size for circulation classifications

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The process of classifying circulation patterns has an often overlooked spatial aspect. On the one hand, the relevant patterns for a region may not be fully captured if the "training area" is too small. On the other hand, surplus patterns may be generated when too large an area is used to determine them. In the course of the COST Action 733, a multitude of classifications were applied to a dozen domains of Europe. Three of them, i.e. the All-European Domain, Central Europe and the Alpine Domain constitute a nested set. Using the ability of the various methods to discern temperature ranges by the classes they form and comparing these between the three domains of different size is used as a testing ground.