

Development of a software based on convolutional neural networks for the classification of atmospheric circulation

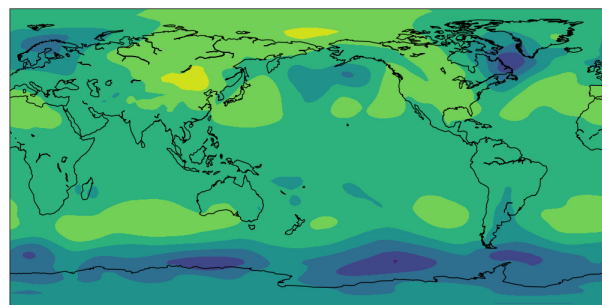
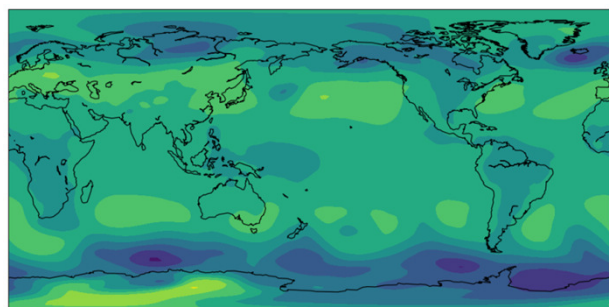
NRU MPEI, Moscow

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Formulation of the problem

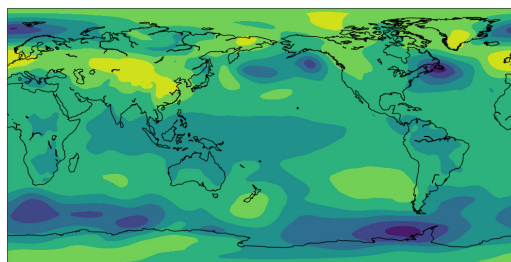
Determine the class of surface pressure of **5 classes** (prof. N. K. Kononova)

31.10.2013 **ZONAL**



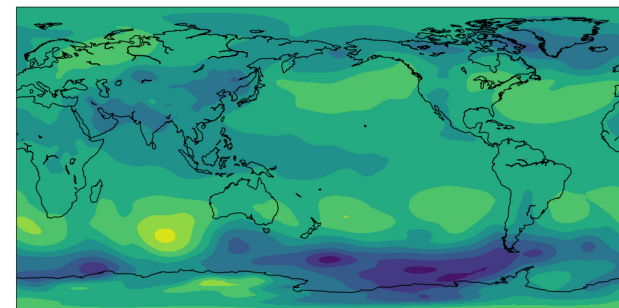
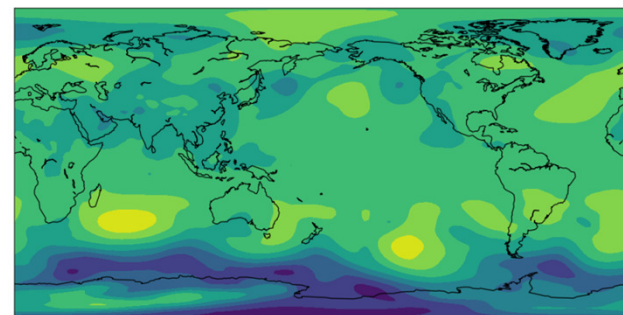
01.02.2013 **MERIDIONAL NORTH**

3020
Images



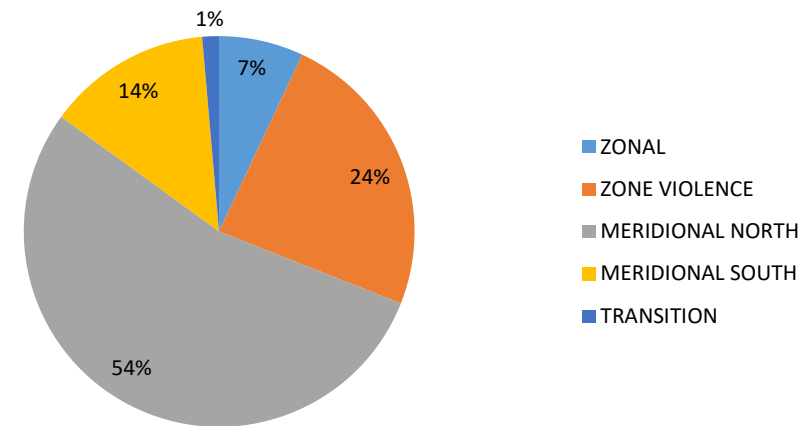
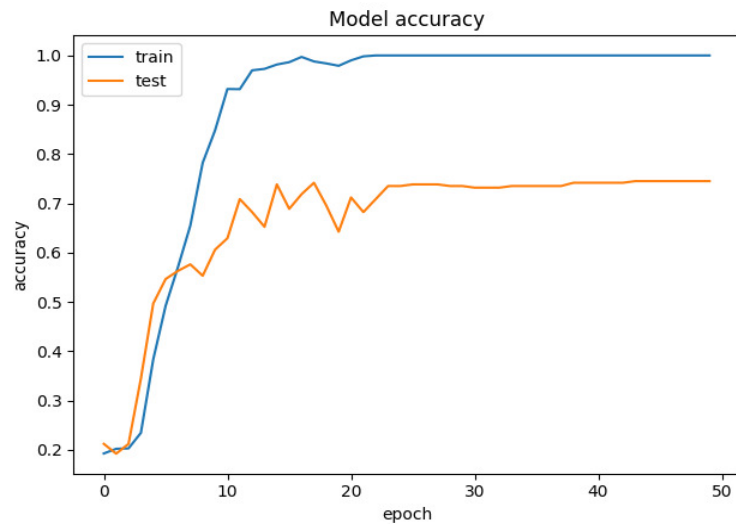
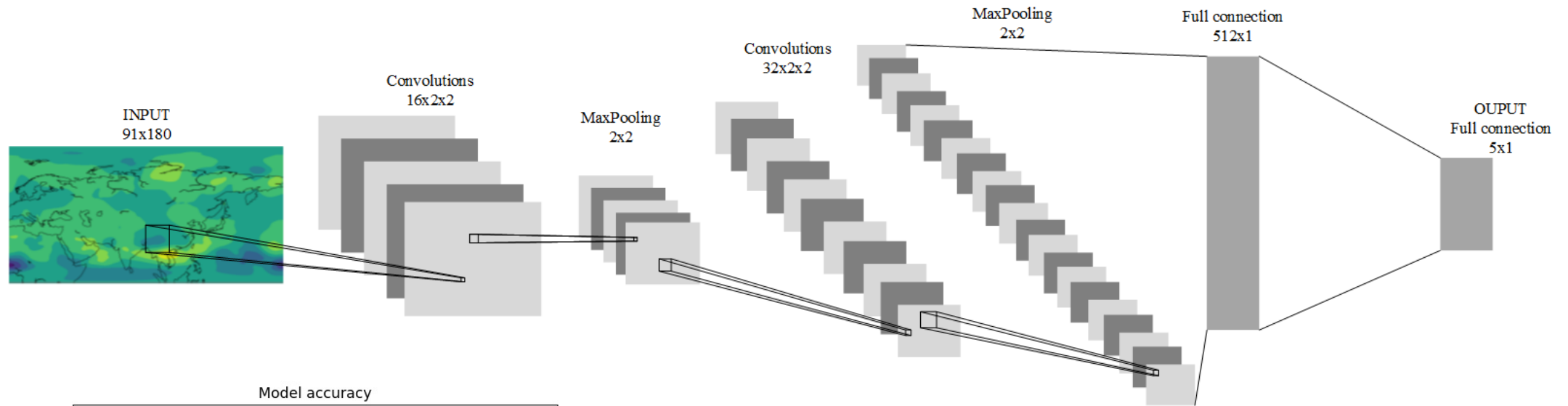
20.11.1976 **TRANSITION**

28.08.2013 **ZONE VIOLENCE**

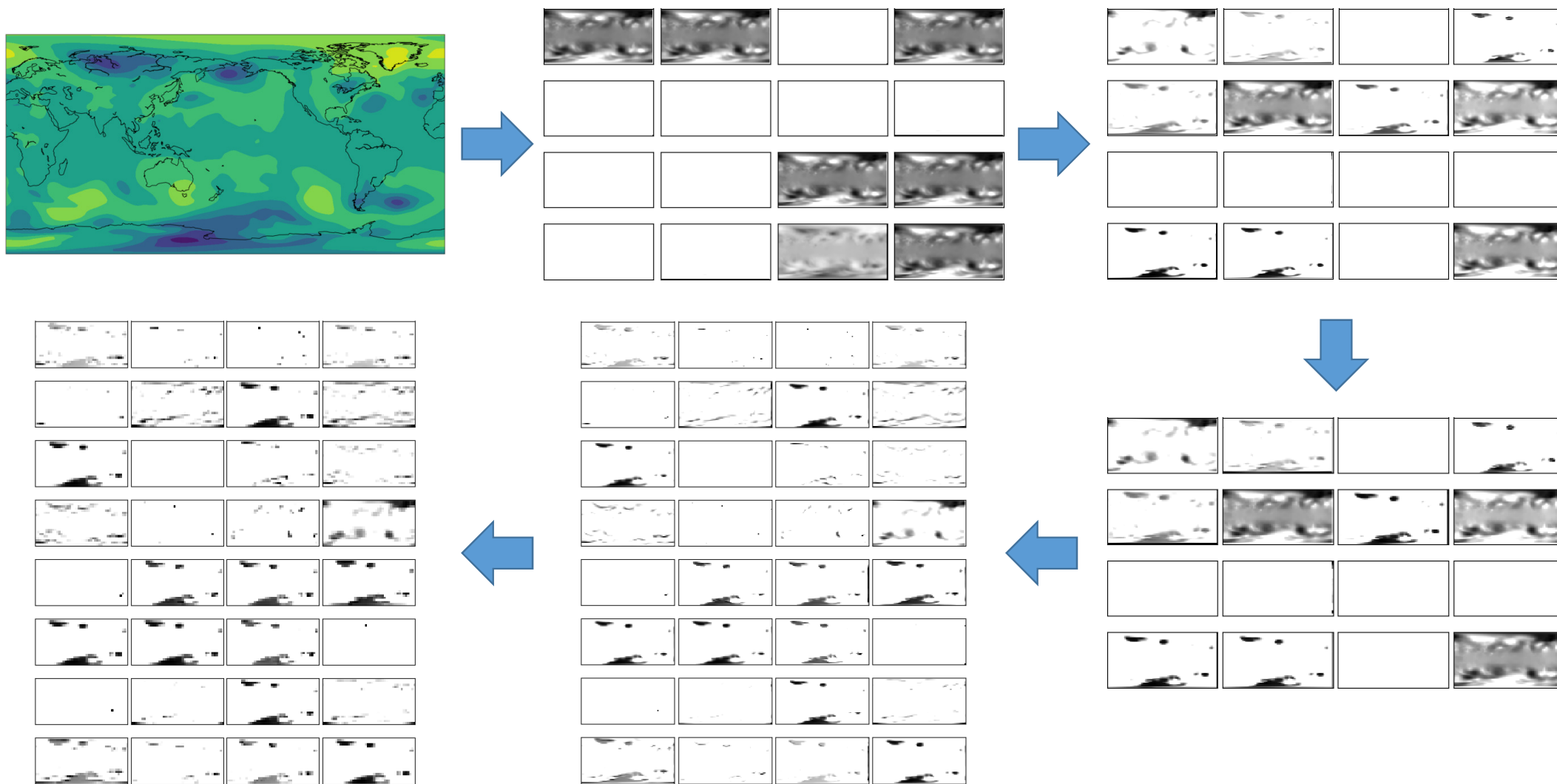


03.07.2013 **MERIDIONAL SOUTH**

The structure of the convolutional neural network



Карта признаков (Нарушение зональности)



Спасибо за внимание!

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