

Federal Service for Hydrometeorology  
and Environmental Monitoring



**VOEIKOV  
MAIN GEOPHYSICAL  
OBSERVATORY**

*Since 1849*

VOEIKOV  
MAIN  
GEOPHYSICAL  
OBSERVATORY



Sergei CHICHERIN  
(Russia)

**QUANTIFICATION, RANKING AND MAPPING  
OF CLIMATE RESOURCES POTENTIAL**

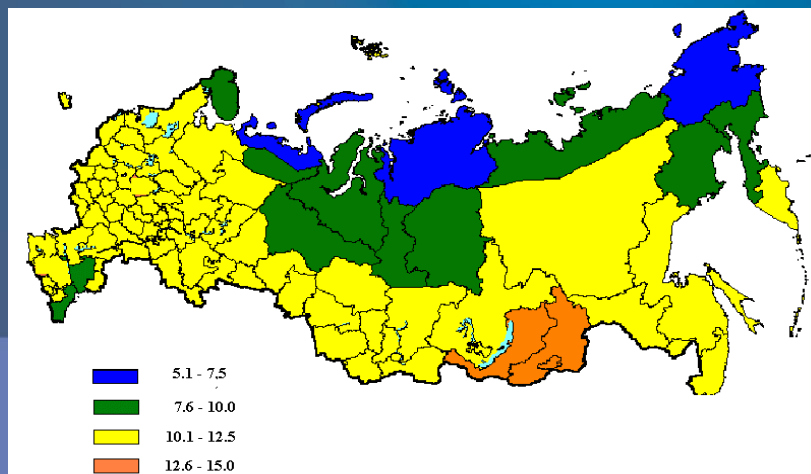
*on "Encyclopedia of Climate Resources of Russian Federation"  
(in Russian)*

*St. Petersburg, Hydrometeoizdat, 2005, 320p.*

*UNFCCC expert meeting on methods and tools and on data and observations under the Nairobi  
work programme on impacts, vulnerability and adaptation to climate change  
Mexico City, Mexico, 4-7 March 2008*

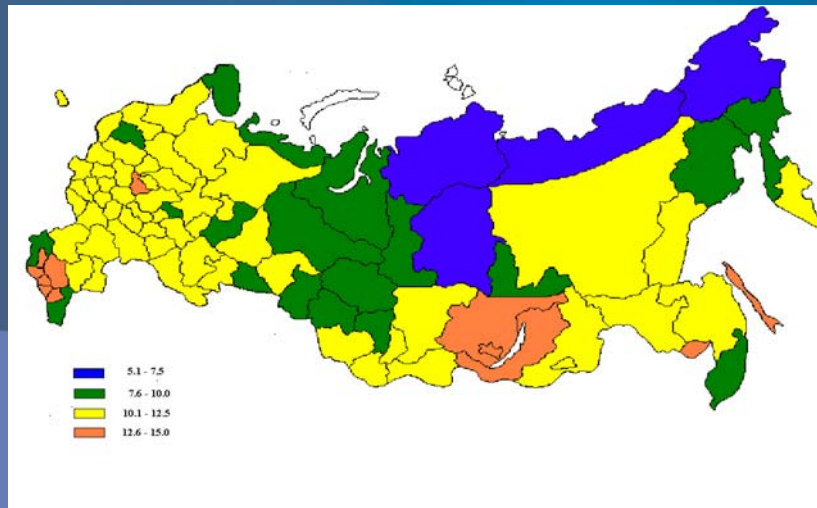
- Climate contribution to human activity (economy, health etc.)
  - Human dimension of climate: climate resources
  - Sectoral composition of climate resources (industry, agriculture, housing, health etc.)
  - Climate resources are limited
  - Climate resources are geographically distributed
  - Usable and available climate resources → Climate Resource Potential (CRP)
  - To quantify CRP: categories, indices, units and scales →
    - ranking
    - mapping
- Climate change → changes of climate resources → adaptation strategies

## Bioclimate resources of RF

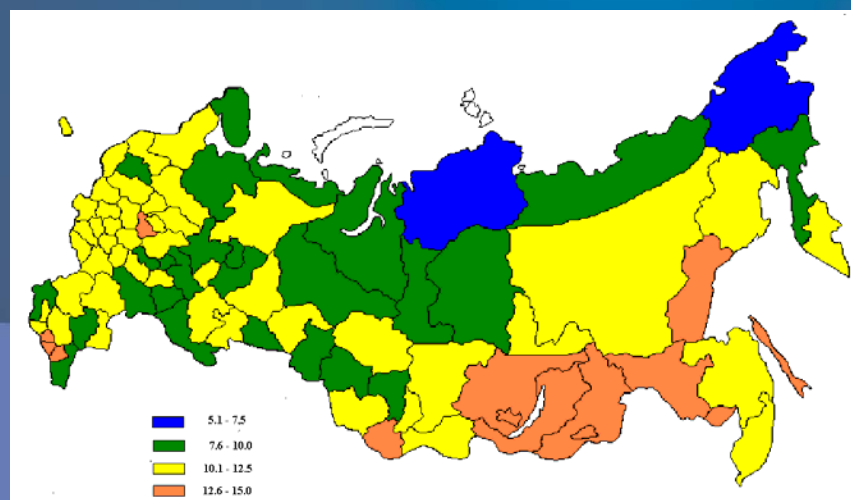




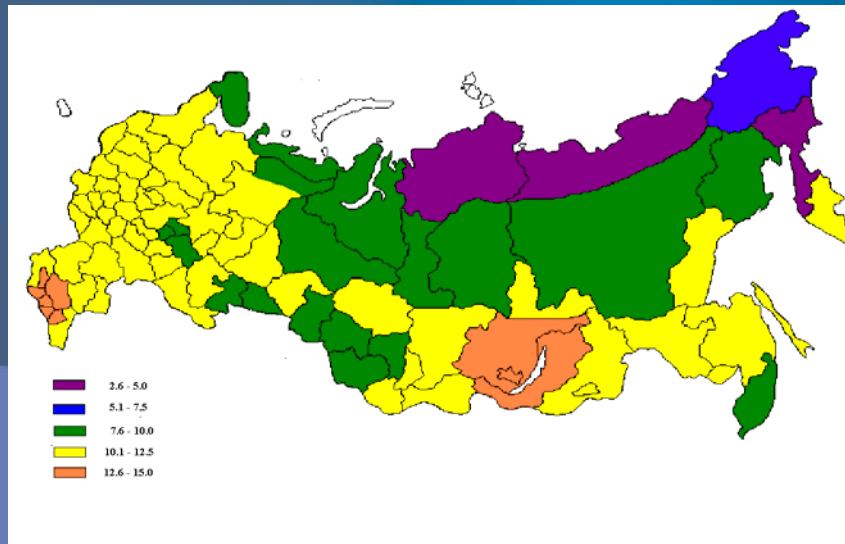
### Climate pathology resources of RF: asthma



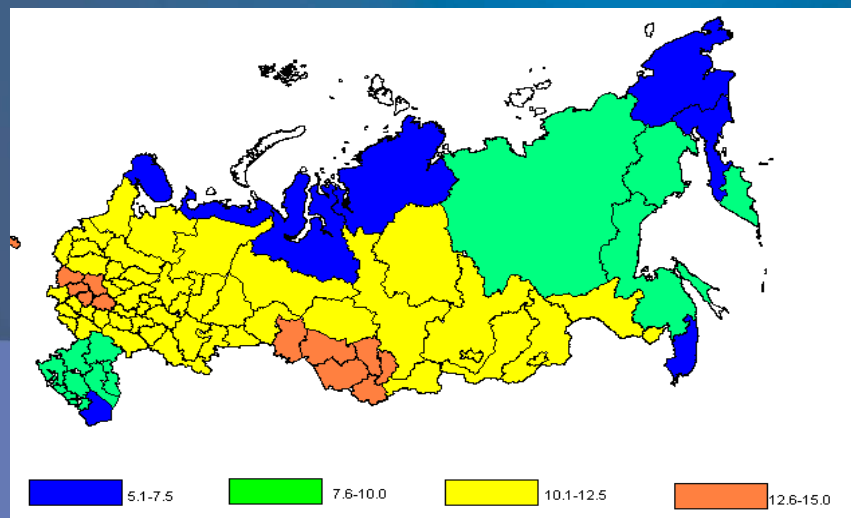
### Climate pathology resources of RF: cardio-vascular diseases



### Climate resources of RF for human being comfort conditions



### Climate resources of RF for recreation Warm period



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**Thank you  
for your attention!**