

ArcRCC-N: briefs on Eurasian node

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WMO OMM

World Meteorological Organization
Organisation météorologique mondiale



Implementation of ArcRCC-N Eurasian node

Implementation of the ArcRCC-N Eurasian node services continues to be conducted by a consortium of 4 Roshydromet institutions with following major functions:

- ❖ Arctic and Antarctic Research Institute (AARI), St.Petersburg, coordinator
 - ❑ Monthly and seasonal monitoring for the basic parameters, studies of mechanisms of intra and interannual variability, mostly statistical LRF
- ❖ Hydrometcenter of Russia (RHMC), Moscow
 - ❑ LRF forecasting, research for improvement of LRF quality, training, integration with NEACC and NEACOF
- ❖ Russian Institute for Hydrometeorological information – World Data Center (RIHMI-WDC), Obninsk
 - ❑ Data management, integration with other data systems – INTAROS, national ESIMO, development of web-portal
- ❖ Main Geophysical observatory (MGO), St.Petersburg
 - ❑ Monitoring of atmosphere chemistry, integration with longer scales, risk assessments and mitigation



ArcRCC-N in 2020 and further in 2020-2024

Major events in 2020 include:

- ❖ 2nd announcement of ARCOF during AARI 100 years jubilee conference 2-4 March 2020
- ❖ Support for ARCOF5 (May)
- ❖ Provision of extended summaries for ARCOF5,6 summaries
- ❖ Completion of web-portal, possibly integrated with other data-oriented projects (first draft by May ?)
- ❖ Input to WMO annual state of Climate in 2020 (Nov)

ArcRCC-N activities within the currently adopted Roshydromet research and development plan for 2020-2024 will be performed within several themes, including:

- ❖ support for WDCs activities (PI: RIHMI-WDC, AARI)
- ❖ support for planned AntRCC (AARI)
- ❖ development of climate services (PI: MGO, AARI)
- ❖ development of polar services (PI: AARI)
- ❖ development of numerical prediction (PI: RHMC)

