

Publications (*Refereed - published or in press*)

- Murphy, J.T., M. Altaweel, J. Ozik, R.B. Lammers (2019) Understanding Institutions for Water Allocation and Exchange: Insights from Dynamic Agent-Based Modeling, *WIREs Water*, <https://doi.org/10.1002/wat2.1384>.
- Williams, P., M. McCarthy, R. Lammers, L. Alessa, J. Abatzoglou, A. Kliskey (2018) Using the Arctic Water Resources Vulnerability Index in Assessing and Adapting to Environmental Change in Alaskan Communities, *Climate Risk Management*, 23:19-31, <https://doi.org/10.1016/j.crm.2018.09.001>.
- Kliskey, A., P. Williams, J.T. Abatzoglou, L. Alessa, R.B. Lammers (2018) Enhancing a community-based water resource tool for assessing environmental change: The Arctic Water Resources Vulnerability Index Revisited, *Environment Systems and Decisions*, <https://doi.org/10.1007/s10669-018-9712-7>.
- Liu, J., T. Hertel, R. Lammers, A. Prusevich, U. Baldos, D. Grogan, S. Frolking (2017) Achieving Sustainable Irrigation Water Withdrawals: Global Impacts on Food Production and Land Use, *Environmental Research Letters*, 12(10):104009, <http://stacks.iop.org/1748-9326/12/i=10/a=104009>.
- Grogan, D.S., D. Wisser, A. Prusevich, R.B. Lammers, S. Frolking (2017) The use and re-use of unsustainable groundwater for irrigation: A global budget, *Environmental Research Letters*, 12(3), 034017, doi: 10.1088/1748-9326/aa5fb2.
- Bring, A., A. Shiklomanov, R.B. Lammers (2017) Pan-Arctic river discharge: prioritizing monitoring of future climate change hotspots, *Earth's Future*, doi:10.1002/2016EF000434.
- Zaveri, E., D.S. Grogan, K. Fisher-Vanden, S. Frolking, R.B. Lammers, D.H. Wrenn, A. Prusevich, R.E. Nicholas (2016) Invisible water, visible impact: Groundwater use and Indian agriculture under climate change, *Environmental Research Letters*, 11, 084005.
- Hamilton, L.C., K. Saito, P.A. Loring, R.B. Lammers, H.P. Huntington (2016) Climigration? Population and climate change in Arctic Alaska, *Population and Environment*, 38:115-133, DOI 10.1007/s11111-016-0259-6.
- Grogan, D.S., F. Zhang, A. Prusevich, R.B. Lammers, D. Wisser, S. Glidden, C. Li, S. Frolking (2015) Quantifying the link between crop production and mined groundwater irrigation in China, *Science of the Total Environment*, 511:161-175; doi:10.1016/j.scitotenv.2014.11.076.
- Murphy, J., J. Ozik, N. Collier, M. Altaweel, R.B. Lammers, A. Kliskey, L. Alessa, D. Cason, P. Williams (2014) Water Relationships in the US Southwest: Characterizing Water Management Networks Using Natural Language Processing, *Water*, 6(6), 1601-1641; doi:10.3390/w6061601.
- Shiklomanov, A.I. and R.B. Lammers (2014) River ice responses to a warming Arctic – recent evidence from Russian rivers, *Environmental Research Letters*, 9, 035008, 9pp.
- Stewart, R.J., W.M. Wollheim, A. Miara, C.J. Vorosmarty, B. Fekete, R.B. Lammers, B. Rosenzweig (2013) Horizontal Cooling Towers: Riverine Ecosystem Services and the Fate of Thermoelectric Heat in the Contemporary Northeast U.S., *Environmental Research Letters*, 8:025010, doi:10.1088/1748-9326/8/2/025010.
- Shiklomanov A.I., R.B. Lammers (2013) Changing Discharge Patterns of High-Latitude Rivers, in *Climate Vulnerability: Understanding and Addressing Threats to Essential Resources*, Elsevier, pp. 161-175.

- Hamilton, L.C., D.M. White, R.B. Lammers, G. Myerchin (2012) Population, Climate, and Energy Use in the Arctic: Integrated Analysis of Alaska Community Data, *Population and Environment*, 33(4):269-283.
- Smith, L.C., D.W. Beilman, K.V. Kremenetski, Y. Sheng, G.M. MacDonald, R.B. Lammers, A.I. Shiklomanov, E.D. Lapshina (2012) Influence of permafrost revealed in a new database of soil properties, *Permafrost and Periglacial Processes*, DOI: 10.1002/ppp.735.
- Hamilton, L.C. and R.B. Lammers (2011) Linking pan-Arctic human and physical data, *Polar Geography*, 34(1-2):107-123, DOI: 10.1080/1088937X.2011.591962.
- Shiklomanov A.I. and Lammers R.B. (2011) River Discharge, in Chapter 5, Arctic, State of the Climate in 2010, *Bull. Amer. Meteor. Soc.*, 92 (6), S153-S154.
- Bone, C., L. Alessa, A. Kliskey, M. Altawee, R.B. Lammers (2011) The complex interactions between knowledge and technology: assessing community resilience to climate change, *International Journal of Environmental Research and Public Health*, doi:10.3390/ijerph8030733.
- Frolking, S., T. Milliman, M. Palace, D. Wisser, R. Lammers, M. Fahnestock, (2010) Tropical Forest backscatter anomaly evident in SeaWinds scatterometer morning overpass data during 2005 drought in Amazonia, *Remote Sensing of Environment*, doi:10.1016/j.rse.2010.11.017.
- Rawlins, M.A., M. Steele, M. Holland, J. Adam, J. Cherry, J. Francis, P. Groisman, L. Hinzman, T. Huntington, D. Kane, J. Kimball, R. Kwok, R. Lammers, C. Lee, D. Lettenmaier, K. McDonald, E. Podest, J. Pundsack, B. Rudels, M. Serreze, A. Shiklomanov, O. Skagseth, T. Troy, C. Vorosmarty, M. Wensnahan, E. Wood, R. Woodgate, D. Yang, K. Zhang, T. Zhang (2010) Analysis of the Arctic System for Freshwater Cycle Intensification: Observations and Expectations, *Journal of Climate*, DOI: 10.1175/2010JCLI3421.1.
- Shiklomanov A.I., Lammers R.B. (2009) Record Russian river discharge in 2007 and the limits of analysis, *Environmental Research Letters*, 4, 045015 (9 pp.) doi: 10.1088/1748-9326/4/4/045015.
- Macdonald, A.M, B.M. Fekete, L.C. Bowling, R.B. Lammers, R. Lawford (2009) River Discharge, in Peterson, T.C., and M.O. Baringer (eds.) State of the Climate in 2008, *Bulletin of the American Meteorological Society*, 90(8), S30-S31.
- Macdonald, A.M, L.C. Bowling, B.M. Fekete, R.B. Lammers, R. Lawford (2009) U.S. River Discharge for 2008, in Peterson, T.C., and M.O. Baringer (eds.) State of the Climate in 2008, *Bulletin of the American Meteorological Society*, 90(8), S129.
- Rawlins, M.A., M. Steele, M.C. Serreze, C.J. Vörösmarty, W. Ermold, R.B. Lammers, K.C. McDonald, T.M. Pavelsky, A. Shiklomanov and J. Zhang (2009) Tracing freshwater anomalies through the air-land-ocean system: A case study from the Mackenzie River basin and the Beaufort Gyre, *Atmosphere-Ocean*, 47(1), 79–97, doi:10.3137/OC301.2009.
- Alessa, L., A. Kliskey, R. Lammers, C. Arp, D. White, L. Hinzman, R. Busey (2008) The Arctic Water Resource Vulnerability Index: An integrated assessment tool for community resilience and vulnerability with respect to freshwater, *Environmental Management*, 42(3):523-541, doi: 10.1007/s00267-008-9152-0.
- McGuire, A.D., J. Walsh, J. Kimball, J.S. Clein, E. Euskirchen, S. Drobot, U. Herzfeld, J. Maslanik, R.B. Lammers, M. Rawlins, C. Vorosmarty, T.S. Rupp, W. Wu, M. Calef (2008) The Western Arctic Linkage Experiment (WALE): Overview and Synthesis, *Earth Interactions*, 12, paper 7, 13 pages, doi:10.1175/2008EI239.1.

- Lammers, R.B., J.W. Pundsack, and A.I. Shiklomanov (2007), Variability in river temperature, discharge, and energy flux from the Russian pan-Arctic landmass, *J. Geophys. Res. - Biogeosciences*, 112, G04S59, doi:10.1029/2006JG000370.
- Shiklomanov, A.I., R.B. Lammers, M.A. Rawlins, L.C. Smith, and T.M. Pavelsky (2007) Temporal and spatial variations in maximum river discharge from a new Russian data set, *J. Geophys. Res. - Biogeosciences*, 112, G04S53, doi:10.1029/2006JG000352.
- Smith, L.C., T.M. Pavelsky, G.M. MacDonald, A.I. Shiklomanov, R.B. Lammers (2007) Rising minimum daily flows in northern Eurasian rivers suggest a growing influence of groundwater in the high-latitude water cycle, *J. Geophys. Res. - Biogeosciences*, 112, G04S47, doi:10.1029/2006JG000327.
- Shiklomanov A.I., T.I. Yakovleva, R.B. Lammers, I.Ph. Karasev, C.J. Vörösmarty, E. Linder, (2006) Cold Region River Discharge Uncertainty - Estimates from Large Russian Rivers. *Journal of Hydrology*, vol. 326, pp. 231-256.
- Rawlins, M.A., Frolking, S., Lammers, R.B., Vorosmarty, C.J. (2006) Effects of Uncertainty in Climate Inputs on Simulated Evapotranspiration and Runoff in the Western Arctic, *Earth Interactions*, 10:1-18, doi: 10.1175/EI182.1.
- Serreze, M.C., A.P. Barrett, A.G. Slater, R.A. Woodgate, K. Aagaard, R.B. Lammers, M. Steele, R. Moritz, M. Meredith, and C.M. Lee (2006), The large-scale freshwater cycle of the Arctic, *J. Geophys. Res.*, 111, C11010, doi:10.1029/2005JC003424.
- Rawlins, M.A., C.J. Willmott, A. Shiklomanov, E. Linder, S. Frolking, R.B. Lammers, C.J. Vorosmarty (2006b) Evaluation of Trends in Derived snowfall and rainfall across Eurasia and linkages with Discharge to the Arctic Ocean, *Geophysical Research Letters*, Vol. 33, L07403, doi:10.1029/2005GL025231.
- Rawlins, M.A., K.C. McDonald, S. Frolking, R.B. Lammers, M. Fahnestock, J.S. Kimball, and C.J. Vorosmarty, (2005) Remote sensing of snow thaw at the pan-Arctic scale using the SeaWinds scatterometer, *Journal of Hydrology*, 312(1-4):294-311.
- Rawlins, M.A., R.B. Lammers, S. Frolking, B.M. Fekete, C.J. Vorosmarty, (2003) Simulating Pan-Arctic Runoff with a Macro-Scale Terrestrial Water Balance Model, *Hydrological Processes*, 17(13):2521-2539
- Peterson, B.J., R.M. Holmes, J.W. McClelland, C.J. Vorosmarty, R.B. Lammers, A.I. Shiklomanov, I.A. Shiklomanov, and S. Rahmstorf (2002) Increasing River Discharge to the Arctic Ocean, *Science*, 298:2171-2173, 13 Dec., 2002.
- Shiklomanov A.I., R.B. Lammers, C.J. Vorosmarty (2002) Widespread Decline in Hydrological Monitoring Threatens Pan-Arctic Research, *EOS Transactions, American Geophysical Union*, v. 83, no. 2 (January 8, 2002), pages 13-17.
- Serreze, Mark C., David H. Bromwich, Martyn P. Clark, Andrew J. Etringer, Tinjung Zhang and Richard Lammers (2002) Large-scale Hydro-climatology of the Terrestrial Arctic Drainage System, *Journal of Geophysical Research*, 107, 8160, doi:10.1029/2001JD000919. Also printed in a collected papers volume, *Arctic Transitions in the Land-Atmosphere System*, 2003, by the American Geophysical Union.
- Lammers, R.B., A.I. Shiklomanov, C.J. Vorosmarty, B. M. Fekete and B.J. Peterson (2001) Assessment of Contemporary Arctic River Runoff Based on Observational Discharge Records, *JGR-Atmospheres*, 106(D4):3321-3334.

- Fekete, B.M., C.J. Vorosmarty and R.B. Lammers (2001) Scaling gridded river networks for macroscale hydrology: Development, analysis and control of error, *Water Resources Research*, 37(7):1955-1967.
- Baron, J.S., M.D. Hartman, L.E. Band and R.B. Lammers (2000) Sensitivity of a high-elevation Rocky Mountain watershed to altered climate and CO₂, *Water Resources Research*, 36(1):89-99.
- Vorosmarty, C.J. P. Green, J. Salisbury, R.B. Lammers (2000a) Global Water Resources: Vulnerability from Climate Change and Population Growth, *Science*, 289:284-288, July 14, 2000.
- Vorosmarty, C.J., B. M. Fekete, M. Meybeck, and R. Lammers (2000b) Geomorphometric characteristics of a simulated topological network for world rivers at 30-minute spatial resolution (STN-30) *J. Hydrology*, 237:17-39.
- Vorosmarty, C.J., B.M. Fekete, M. Meybeck and R.B. Lammers (2000c) Global system of rivers: Its role in organizing continental land mass and defining land-to-ocean linkages, *Global Biogeochemical Cycles*, 14(2):599-621.
- Forman, S.L., W. Maslowski, J.T. Andrews, D. Lubinski, M. Steele, J. Zhang, R. Lammers and B. Peterson (2000) Researchers Explore Arctic Freshwater's Role in Ocean Circulation, *EOS, Transactions, American Geophysical Union*, v.81, no.16 (April 18, 2000), pages 169, 174
- Holmes, R.M., B.J. Peterson, V.V. Gordeev, A.V. Zhulidov, M. Meybeck, R.B. Lammers, and C.J. Vorosmarty (2000) Flux of nutrients from Russian rivers to the Arctic Ocean: Can we establish a baseline against which to judge future changes? *Water Resources Research*, 36:2309-2320.
- Shiklomanov, I.A., A.I. Shiklomanov, R.B. Lammers, B.J. Peterson, and C.J. Vorosmarty (2000) The dynamics of river water inflow to the Arctic Ocean, in Lewis, E.L., et al. (eds.) *The Freshwater Budget of the Arctic Ocean*, Kluwer Academic Publishers, Netherlands.
- Walko, R.L., L.E. Band, J. Baron, T.G.F. Kittel, R. Lammers, T.J. Lee, D. Ojima, R.A. Pielke Sr., C. Taylor, C. Tague, C.J. Trembeck and P.L. Vidale (2000) Coupled Atmosphere-Biophysics-Hydrology Models for Environmental Modeling, *Journal of Applied Meteorology*, 39:931-944.
- Hartman, M.D., J.S. Baron, R.B. Lammers, D.W. Cline, L.E. Band, G.E. Liston, and C. Tague (1999) Simulations of snow distribution and hydrology in a mountain basin, *Water Resources Research*, 35(5):1587-1603.
- Baron, J.S., M.D. Hartman, T.G.F. Kittel, L.E. Band, D.S. Ojima and R.B. Lammers (1998) Effects of Land Cover, Water Redistribution, and Temperature on Ecosystem Processes in the South Platte Basin, *Ecological Applications*, 8(4):1037-1051.
- Lammers, R.B., L.E. Band and C.L. Tague (1997) Scaling Behaviour of Watershed Processes. In P. van Gardingen, G. Foody and P. Curran (eds.) *Scaling-up*, Cambridge University Press, pp. 295-317.
- Baron, J.S., D.S. Ojima, M.D. Hartman, T.G.F. Kittel, R.B. Lammers, L.E. Band and R.A. Pielke (1997) The Influence of Land Cover and Temperature Change on Hydrological and Ecosystem Dynamics in the South Platte River Basin. In J.J. Warwick (Ed.) *Proceedings of the AWRA Annual Symposium, Water Resources Education, Training and Practice: Opportunities for the Next Century*. American Water Resources Association, Herndon, Virginia, TPS 97 1, pp. 279-286.

- Band, L.E., R. Vertessy and R.B. Lammers (1995) The Effect of Different Terrain Representations and Resolution on Simulated Watershed Processes. *Zeitschrift fur Geomorphologie*, vol. 101, November, pp. 187-199.
- Band, L.E., D.L. Peterson, S.W. Running, R.B. Lammers, J. Coughlan, J. Dungan, R. Nemani (1991) Forest Ecosystem Processes at the Watershed Scale: Basis for Distributed Simulation. *Ecological Modeling*. vol. 56. pp. 171-196.
- Morton, J.D., R.B. Lammers and H.P. Schwarcz (1991) Estimation of Palaeodiet: A Model from Stable Isotope Analysis. In E. Pernicka and G.A. Wagner (eds) *Archaeometry '90, Proceedings of 27th International Archaeometry Symposium*, Universitaet Heidelberg, Heidelberg, Germany, pp. 807-820. Birkhauser Verlag, Basel.
- Lammers, R.B. and Band L.E. (1990) Automating Object Representation of Drainage Basins. *Computers and Geosciences*, vol. 16, no. 6. pp. 787-810. An invited paper in a special issue on Artificial Intelligence in the Earth Sciences.

Other Publications

- Liu, J., T. Hertel, R. Lammers, A. Prusevich, U. Baldos, D. Grogan, S. Froliking (2016) Achieving Sustainable Irrigation Water Withdrawals: Global Impacts on Food Production and Land Use, paper accepted to the 12th Annual Meeting of the International Water Resource Economics Consortium (IWREC), Washington, DC, 11-13 Sept. 2016.
- Sale, P., R. Lammers, N. Yan, N. Hutchinson, K. Trimble, P. Dinner, P. Hurrell, J. McDonnell, and S. Young (2016) Planning for Climate Change in Muskoka. A Report from the Muskoka Watershed Council. Muskoka Watershed Council, Muskoka, Canada, 52 pages, available at http://www.muskokawatershed.org/wp-content/uploads/ClimateChange_Muskoka-2016.pdf.
- Ozik, J., N. Collier, J.T. Murphy, M. Altaweeel, R.B. Lammers, A.A. Prusevich, A. Kliskey, L. Alessa (2014) Simulating water, individuals, and management using a coupled and distributed approach, in A. Tolk, S.Y. Diallo, I.O. Ryzhov, L. Yilmaz, S. Buckley, and J. A. Miller, eds. *Proceedings of the 2014 Winter Simulation Conference*, pp. 1120-1131.
- Murphy, J.T., Ozik, J., Collier, N.T., Altaweeel, M., Lammers, R.B., Prusevich, A.A., Kliskey, A.D., & Alessa, L.N. (2015). Simulating regional hydrology and water management: An integrated agent-based approach. *2015 Winter Simulation Conference (WSC)*, pp. 3913-3924.
- Lammers, R.B. L. O'Brien-Latham, A. Pietroniero (2013) Arctic HYCOS – 1st Workshop on Improved Monitoring, Accuracy and Data Availability in the Arctic Drainage Basin: Meeting Summary Report and Implementation Plan, Arctic-HYCOS Summary, World Meteorological Organization, EC-PORS-4/INF.16, https://www.wmo.int/pages/prog/www/WIGOS_6_EC_PORS/EC_PORS_4/INF16_Arctic_HYCOS.doc, accessed 2015-10-08.
- Gordov E.P. K. Bryant, O.N. Bulygina, I. Csiszar, J. Eberle, S. Fritz, I. Gerasimov, R. Gerlach, S. Hese, F. Kraxner, R.B. Lammers, G. Leptoukh, T.V. Loboda, I. McCallum, M. Obersteiner, I.G. Okladnikov, J. Pan, A.A. Prusevich, V.N. Razuvaev, P. Romanov, H. Rui, D. Schepaschenko, C.C. Schmullius, S. Shen, A.I. Shiklomanov, T.M. Shulgina, A.Z. Shvidenko, A.G. Titov (2013) Development of Information-Computational Infrastructure for Environmental Research in Siberia as a Baseline Component of the Northern Eurasia Earth Science Partnership Initiative (NEESPI) Studies, pp. 19-55, in Groisman P., P.Ya. and G. Gutman (eds.) *Regional Environmental Changes in Siberia and Their Global Consequences*. Springer Environmental Science and Engineering, Springer, Dordrecht, 357 pp.

- Prusevich, A.A., Shiklomanov, A.I. and Lammers, R.B. (2012) RIMS: An Integrated Mapping and Analysis System with Application to Siberia, in Groisman, P. and G. Gutman (eds.) *Regional Environmental Changes in Siberia and Their Global Consequences*, Springer Environmental Science and Engineering, Springer, Dordrecht, 357 pp.
- Shiklomanov A.I., R.B. Lammers, D.P. Lettenmaier, Y.M. Polischuk, O. Savichev, L.C. Smith, A.V. Chernokulsky (2012) Hydrological changes: historical analysis, contemporary status and future projections, pp. 111-154, in Groisman, P.Ya. and G. Gutman (eds.) *Regional Environmental Changes in Siberia and Their Global Consequences*, Springer Environmental Science and Engineering, Springer, Dordrecht, 357 pp.
- Shiklomanov A.I., Lammers R.B, I.A. Shiklomanov (2012) Hydrological changes across Eurasian Arctic. In Proceedings of the Northern Eurasian Earth Science Partnership Initiative (NEESPI) Regional Science Team Meeting devoted to the High Latitudes, 2-6 June, Helsinki, Finland. Report series in Aerosol Science (2012), ISSN 0784-3496, ISBN 978-952-5822-54-0, 84-91.
- Shiklomanov A.I., T.J. Bohn, D.P. Lettenmaier, R.B. Lammers, P. Romanov, M.A. Rawlins, J.C. Adam. (2010) Interactions between land cover/use change and hydrology, pp. 137-176, in Gutman, G. and A. Reissell (eds.) *Eurasian Arctic Land Cover and Land Use in a Changing Climate*, Springer, 306 pp.
- GTN-H (2009) Global Terrestrial Network - Hydrology, Report of the 4th GTNH Coordination Panel Meeting, New York City, New York, 0710 July 2009, GCOS 135 (WMO/TD No. 1511), World Meteorological Organization, <http://www.wmo.ch/pages/prog/gcos/Publications/gcos-135.pdf>, accessed 2010-01-11.
- Levy, Marc A., B. Anderson, M. Brickman, C. Cromer, B. Falk, B. Fekete, P. Green, M. Jaiteh, R. Lammers, V. Mara, K. MacManus, S. Metzler, M. Muniz, T. Parris, R. Pullen, C. Thorkelson, C. Vorosmarty, W. Wollheim, X. Xing, G. Yetman (2008) Assessment of Select Climate Change Impacts on U.S. National Security, Center for International Earth Science Information Network, Columbia University, New York, NY.
- Lammers, R.B. (2007) *Arctic Council Cryosphere Project, Module 4 Rivers and Lakes*, Arctic Monitoring and Assessment Programme (AMAP), Climate Experts Group Report to provide a roadmap to develop an updated climate assessment for year 2011, 13 pp.
- Cooper, L. W., editor (2003) Land-Shelf Interactions: A Scientific Initiative in the Arctic Near-shore - A Report from the Scientific Community to the National Science Foundation Arctic System Science Program, RAISE/LSI Project Management Office, University of Tennessee, Knoxville TN, 26 pp.
- Shiklomanov A.I., Golovanov O.Ph. and Lammers R.B. (2002). Status of the Hydrometric Monitoring Network in the Arctic Drainage Basin, Proc. of the Conference for Hydrometeorology of the Commonwealth of Independent States, 23-26 April, 2002, pages 138-141 (in Russian).
- Lammers, R.B. (2001) Continental Paleohydrology of Eurasia during the Last Glacial Maximum, paper presented at NSF-ARCSS Arctic Hydrology Workshop, NCEAS, Santa Barbara, CA, pp. 49-50, in Hinzman, L., and C. Vörösmarty, eds. 2001. *NSF-ARCSS Workshop on Arctic System Hydrology: Meeting White Papers*. Fairbanks, Alaska: Arctic Research Consortium of the U.S., 86 pp. http://www.arcus.org/16080/ARCSS/hydro/Hydrology_White_Papers.pdf

Theses

Lammers, R.B. (1998) *Extending Hydro-Ecological Simulation Models from Local to Regional Scales*, PhD Thesis, Department of Geography, School of Graduate Studies, University of Toronto, 163 pages.

Lammers, R.B. (1990) *Characterization of Mountainous Terrain Using Spherical Statistics*, Master of Science Thesis, Department of Geography, School of Graduate Studies, University of Toronto. 124 pages.

Data sets

Saito, K., L. Hamilton, R. Lammers, S. Glidden (2015) Arctic Alaska: A Reference Library for 43 Towns and Villages. UCAR/NCAR - CISL - ACADIS. Dataset, <http://dx.doi.org/10.5065/D6930R6J>.

Lammers, R.B., J.W. Pundsack, and A.I. Shiklomanov (2007) Arctic River Temperature Data Set for the Russian pan-Arctic (ART-Russia), available by request and to be submitted to the ARCSS Data Coordination Center, NSIDC, Boulder, CO.

Shiklomanov, A.I. and R.B. Lammers (2007) Russian Long-Term Daily Time Step River Discharge Data Set for the Russian Pan-Arctic, available by request and to be mounted on UNH web site.

Lammers R.B., A.I. Shiklomanov, A.A. Prusevich and others (2003) A Regional, Integrated Hydrological Monitoring System, for the Pan-Arctic Land Mass (ArcticRIMS), <http://RIMS.unh.edu>, development is ongoing.

Lammers, R.B., Shiklomanov, A.I. compilers (2000) R-ArcticNet, A Regional Hydrographic Data Network for the Pan-Arctic Region, Durham, NH: Water Systems Analysis Group, University of New Hampshire; distributed by the National Snow and Ice Data Center. CD-ROM. Regular updates, version 4.0 now available online at www.R-ArcticNET.sr.unh.edu