

## Bibliography

- Ahlmann, H.W. (1946); "Research on Snow and Ice, 1918-1940",  
The Geographical Journal, 1946, p.11-25.
- Ahlmann, H.W.(1953) "Glacier Variations and Climatic Fluctuations". Series Three, Bowman Lecture Series,  
The American Geographical Society, George Grady Press, New York; at:  
<http://www.questia.com/PM.qst?a=o&d=1918470>
- Aagaard, Knut, (1982), in: Louis Rey, The Arctic Ocean, „The Climate Environment of the Arctic Ocean“,  
Comite Arctique International, p. 69-81.
- Berge1, Jørgen, (2005) and Geir Johnsen, Frank Nilsen, Bjørn Gulliksen; „Ocean temperature oscillations  
causing the reappearance of blue mussels in Svalbard after 1,000 years of absence“;  
<http://www.unis.no/40/>
- Bengtsson, Lennart (2004), Vladimir A. Semenov, Ola M. Johannessen, The Early Twentieth-Century  
Warming in the Arctic-A Possible Mechanism, Journal of Climate, October 2004, page 4045-4057.
- Bernaerts, Arnd (2005); "Climate Change & Naval War – A Scientific Assessment“, Victoria/Canada,  
pages 326. Ditto: <http://www.seaclimate.com/>
- Birkeland, B.J. (1930) , Temperaturvariationen auf Spitzbergen, Meteorologische Zeitschrift, Juni 1930,  
p. 234-236
- Bjerkness, J. (1959); 'The Recent Warming of the North Atlantic'; in: Bolin, Bert, ,The Atmosphere and Sea  
in Motion', Oxford 1959, p. 65ff.
- Brönnimann, S. et al ed;(2008/09), Brönnimann; Luterbacher, J.;Ewen,T.;Diaz, H.F.; Stolarski, R.S.; Neu, U.:  
"Introductory Paper" in: A Focus on Climate During the Past 100 Years; Dordrecht, p. 364.
- Brooks, C.E.P. (1938), "The Warming Arctic", The Meteorological Magazine,  
p.29-32.
- Carruthers, J.N. (1941), "Some Interrelationships of Meteorology and Oceanography"; Quarterly Journal  
of the Royal Meteorology Society, p.207-232.
- Covey, Curt (1991); "Chaos in ocean heat transport", Nature, 353, Oct.1991;  
p.796-797.
- Chylek, Petr; (2006), and M. K. Dubey, G. Lesins; "Greenland warming of 1920-1930 and 1995-2005",  
Geophysical Research Letters, 33, 13 June 2006, L11707.
- Daniels, Josephus; (1920); 'The Northern Barrage', No.2 (The Northern Barrage and other mining activities),  
No.4, The Northern Barrage –Taking up the mines), Publication, Navy Department,  
Washington Government Printing Office, 1920.
- Delworth, Thomas L.; (1997), & Syukuro Manabe and Ronald J. Stouffer; „Multidecadal climate variability  
in the Greenland Sea and surrounding regions: a coupled model simulation“;  
Geophysical Research Letters, Vol. 24, NO. 3, p. 257-260.
- Dmitrenko, I. A, et al. (2008) ; Toward a warmer Arctic Ocean: Spreading of the early 21st century Atlantic  
Water warm anomaly along the Eurasian Basin margins“, J. Geophys. Res., 113, C05023,  
doi:10.1029/ 2007JC004158. Co-authors: V. Polyakov, S. A. Kirillov, L. A. Timokhov, I. E.  
Frolov, V. T. Sokolov, H. L. Simmons, V. V. Ivanov, and D. Walsh.
- Drinkwater, K.F. (2006), "The regime shift of the 1920s and 1930s in the North Atlantic", in: Progress  
in Oceanography, p.134-151.
- Eythorsson, J. (1949) 'Temperature Variation in Iceland", Geografiska Annaler,  
p.36-55.
- Gore, Al (Albert), (1992); "The Earth in Balance",  
London, 1992.

## Bibliography

- Gore, Albert (2007); Al Gore: Moving Beyond Kyoto, The New York Times, July 1, 2007, WK 13.
- Gyory, Joanna (2008) and A. J. Mariano, E. H. Ryan. "The Norwegian & North Cape Currents."; [www.oceancurrents.rsmas.miami.edu-atlantic/norwegian](http://www.oceancurrents.rsmas.miami.edu-atlantic/norwegian)
- Hesselberg, Th. (1956); et al: Johannessen, T.W.; in: R.C. Sutcliffe (ed), Polar Atmosphere Symposium (Oslo 1956), "The Recent Variations of the Climate at the Norwegian Arctic Sectors", London, 1958, p18-29.
- Henning, R.; 'Die Erwärmung der Arktis', in: WuK, No. 1-2, 1949, p. 49-51.
- IPCC (1990); by J.T. Houghton, G.J. Jenkins, J.J. Ephraums (ed); Climate Change –The IPCC Scientific Assessment, Chapter 7, Observed Climate Variation and Change, Cambridge 1990,
- IPCC (2007) - Climate Change, WG I ; The Physical Science Basis; Summary for Policymakers; released in Paris on February, 2nd, 2007, [http://ipcc-wg1.ucar.edu/wg1/docs/WG1AR4\\_SPM\\_PlenaryApproved.pdf](http://ipcc-wg1.ucar.edu/wg1/docs/WG1AR4_SPM_PlenaryApproved.pdf)
- Johannessen, Ola M. (2004); et.al: Lennart Bengtsson, Martin W. Miles, Svetlana I. Kuzmina, Vladimir A. Semenov, Genrikh V. Alekseev, Andrei P. Nagurnyi, Victor F. Zakharov, Leonid Bobylev, Lasse H. Pettersson, Klaus Hasselmann and Howard P. Cattle; Arctic climate change – Observed and modeled temperature and sea ice variability; Nansen Environmental and Remote Sensing Center, Report No. 218, Bergen 2002; Tellus 56A (2004), p. 328 –341, Corr. 559-560.
- Johannsson, O.V. (1936); 'Die Temperaturverhältnisse Spitzbergens (Svalbard)', in: Annalen der Hydrographischen Meteorologie, Maerz 1936, pp. 81-96.
- Jones, P.D. (1986/Feb.), Wigley and Kelly; 'Variations in Surface Temperatures: Part 1. Northern Hemisphere, 1881–1980', in: Monthly Weather Review, Vol. 110, February 1982, pp. 59-70.
- Jones, P.D., (1986/July) T.M.L. Wigley, P.B. Wright; 'Global temperature variations between 1861 and 1984', in: Nature, Vol. 322, July 1986, p. 430-434.
- Kahl, Jonathan D. (1993); et al: Donna J. Charlevoix, Nina A. Zaftseva, Russell C. Schnell, and Mark C. Serreze; "Absence of evidence for greenhouse warming over the Arctic Ocean in the past 40 years"; Nature, 1993, 361, p. 335 - 337
- Kelly, P.M. (1982); et al: Sear, Cherry and Tavakol; 'Variations in Surface Air Temperatures: Part 2. Arctic Region, 1818-1980'; in: Monthly Weather Review, Vol. 110, p. 71-83.
- Kirch, Regina ( 1966); ,Temperaturverhältnisse in der Arktis während der letzten 50 Jahre), Meteorologische Abhandlungen, Bd. LXIX, Heft 3.
- Lamb, H.H. (1977); 'Climate – Present, Past and Future', Vol. 2, London, 1st ed. 1977, 2nd ed. ca. 1980s, p.528.
- Lamp, H.H. (1982 ); in: Louis Rey, The Arctic Ocean, „The Climate Environment of the Arctic Ocean“, Comite Arctique International, p. 148, Fig 7.10(a to d)
- Lee, A.J. (1955); "Influence of Hydrograph on the Bear Island Cod Fishery", in: Ministry of Agriculture and Fisheries", Fishery Investigations, Series II, Vol. XVIII, No.4, London 1955, p.72-107.
- Manley, Gordon (1944); ,Some recent contributions to the study of climatic change', in: Quarterly Journal of Met. Soc., Vol. 73, p. 197-219.
- Milloy, Steve (2005); 'Arctic Warming Update', [www.Junkscience.com](http://www.Junkscience.com), January 15, 2005.
- Nilsen, J. Even Ø., (2006) and Eva Falck; "Variations of mixed layer properties in the Norwegian Sea for the period 1948–1999"; Progress In Oceanography, 70, p. 58-90.
- NSDIC ; National Snow and Ice Data Center; <http://nsidc.org/arcticseaicenews/index.html>
- Overland, J.E. (2004); et al: Michael C. Spillane, Donald B. Percival, Harold O. Mofjeld; "Seasonal and Regional Variation of Pan-Arctic Surface Air Temperature Over the Instrumental Record", Journal of Climate, Vol.17, pp.274-288.

## Bibliography

- Overland, J.E. (2005); and Muyin Wang: "The third Arctic climate pattern: 1930s and early 2000s"; *Geophysical Research Letters*, Vol. 32, L23808
- Overland, J.E. (2006), "Arctic change: multiple observations and recent understanding", *Weather*, Vol. 61, p. 78-83.
- Overland, J. E. (2008); M. WANG & S. SALO; „The recent Arctic warm period“, *Tellus*, 2008, 60A, p.589–597
- Overpeck, J. (1997); and K. Hughen, D. Hardy, R. Bradley, R. Case, M. Douglas, B. Finney, K. Gajewski, G. Jacoby, A. Jennings, S. Lamoureux, A. Lasca, G. MacDonald, J. Moore, M. Retelle, S. Smith, A. Wolfe, G. Zielinski; "Arctic Environmental Change of the Last Four Centuries"; *Science* , 1997, Vol. 278; p. 1251 – 1256:
- Palmer, Tim; (1991); in: Nina Hall, ed., *Guide to Chaos*; "A weather eye on unpredictability"; London, p. 69-81
- Pohjola, V.(2007); „Arctic Warming – a Perspective from Svalbard“, *Global Change NewsLetter*, No. 69, p. 9 -12
- Polyakov, I. V., (2002) and G. V. Alekseev, R. V. Bekryaev, U. Bhatt, R. L. Colony, M. A. Johnson, V. P. Karklin, A. P. Makshtas, D. Walsh, A. V. Yulin; „Observationally based assessment of polar amplification of global warming“; *Geophys. Res. Lett.*, 29(18), 1878.
- Polyakov, I.V. (2003), et al: Roman V. Bekryaev, Genrikh V. Alekseev, Uma Bhatt, Roger L. Colony, Mark A. Johnson, Alexander P. Makshtas, and David Walsh; Variability and trends of air temperature and pressure in the maritime Arctic, 1875 – 2000; *J. Climate*, 16 (12), 2067-2077, 2003. Extract via: Website of the Int. Arctic Research Centre, IARC, Alaska; or: <http://www.frontier.iarc.uaf.edu/%7Eigor/index.php>
- Polyakov, I.V. (2004); et al: Alekseev, L. A. Timokhov, U. S. Bhatt, R. L. Colony, H. L. Simmons, D. Walsh, J. E. Walsh, V. F. Zakharov, 2004, Variability of the Intermediate Atlantic Water of the Arctic Ocean over the last 100 Years, *Journal of Climate*, Vol.17, No.23, 2004.
- Polyakov, I.V. (2005), et al.; „One more step toward a warmer Arctic“; *Geophysical Research Letters*, Vol. 32, L17605;
- Co-authors: Agnieszka Beszczynska, Eddy C. Carmack, Igor A. Dmitrenko, Eberhard Fahrbach, Ivan E. Frolov, Rüdiger Gerdes, Edmond Hansen, Jürgen Holfort, Vladimir V. Ivanov, Mark A. Johnson, Michael Karcher, Frank Kauker, James Morison, Kjell A. Orvik, Ursula Schauer, Harper L. Simmons, Øystein Skagseth, Vladimir T. Sokolov, Michael Steele, Leonid A. Timokhov, David Walsh, and John E. Walsh.
- Sandström, J.W.; (1946-1947), „World Temperatures Anomalies“, *Kungl. Svenska Vetenskapsakademies Handlingar*, Tredje Serien, Band 23, No. 4, Stockholm.
- Serreze, Mark C (2006) and Jennifer A. Francis; "The Arctic Amplification Debate"; *Climatic Change*, 76, p. 241-264
- Scherhag, R. (1936/März) 'Eine bemerkenswerte Klimaveränderung über Nordeuropa'; *Annalen der Hydrographischen Meteorologie*, pp. 96-100.
- Scherhag, R. (1936/Sept.); "Die Zunahme der atmosphärischen Zirkulation in den letzten 25 Jahren"; *Annalen der Hydrographie und Maritimen Meteorologie*, p. 397-407, Fig 7
- Scherhag, R. (1937); 'Die Erwärmung der Arktis', in: *Cons. Intern. Expl. Mer. Rap. Proc.- Verb.*, Copenhagen, Vol. 12, p. 263-276.
- Scherhag, R (1939/Febr) „Die Erwärmung des Polargebiets“; *Annalen der Hydrographie*, LXVII. Jahrg.(1939), p.57-67
- Scherhag, R. (1939/Juni); 'Die gegenwärtige Milderung der Winter und ihre Ursachen', in: *Annalen der Hydrographie und Maritimen Meteorologie*, Juni 1939, pp. 292-302.
- Schokalsky, J. (1936); 'Recent Russian researches in the Arctic Sea and the in mountains of Central Asia', in: *The Scottish Geographical Magazine*, Vol. 52, No.2, March 1936, p. 73-84.
- Serreze, M.C. (2000) and J. E. Walsh, F. S. Chapin III, T. Osterkamp, and other; Observational Evidence of recent change in the Northern High-Latitude Environment“; *Climatic Change*, 46, p. 159–207.

## Bibliography

- Serreze, Mark C. (2006); et al. Jennifer A.Francis; „The Arctic Amplification Debate”; Climatic Change, 2006, 76(3-4): p. 241-264,
- Stein, M. (2007), Warming Period off Greenland during 1800-2005: Their potential Influence on the Abundance of Cod and Haddock in Greenland Waters; J.Northw.Atl.Fish.Sci.; Vol.39; p. 1-20
- Sverdrup, H.U. (1942); “Oceanography for Meteorologists”, New York, 1942, Chapter X,
- Taffrail; (1938) Captain Taprell Dorling; ,Swept Channels’, London (3<sup>rd</sup> ed).
- Teng, Haiyan (2006, and Warren M. Washington, Gerald A. Meehl, Lawrence E. Buja, Gary W. Strand; “Twenty-first century Arctic climate change in the CCSM3 IPCC scenario simulations”, Climate Dynamics, 26, p. 601 –616.
- Tomczak, Matthias (2003), and J Stuart Godfrey: “Regional Oceanography: an Introduction” 2nd Ed. (2003), online: <http://www.es.flinders.edu.au/~mattom/regoc/pdfversion.html>
- Wagner, A. (1940); ‘Klimaänderungen und Klimaschwankungen’, Braunschweig, 1940, p. 50.
- Wang, Muyin (2004), and James E. Overland; „Detecting Arctic Climate Change using Köppen Climate Classification“, Climate Change , Vol. 67, p. 43 – 62.
- Weaver, A.J., (1991) & E.S. Sarachik and J. Marotzke; “Freshwater Flux Forcing of Decadal and Interdecadal Oceanic Variability”, Nature, 353, p. 836-838.
- Weikmann, L. (1942); ,Die Erwärmung der Arktis’, Berlin, 1942.
- Xoplaki, E. (2006); “August 2006 is Warmest of Over More Than Half a Millennium”, at: [www.scitizen.com](http://www.scitizen.com), Dec.23, 2006.
- Zakharov, V.F. (1997) ‘Sea Ice in the Climate System’, Arctic Climate System Study, WMO/TD-No. 782, p.70f.