

**C. J. VANDER VEEN**

*ASSOCIATE PROFESSOR, DEPARTMENT OF GEOGRAPHY*

*UNIVERSITY OF KANSAS*

**Education:**

- 1986 Ph.D., State University of Utrecht, Physics  
Thesis topic: *“Ice sheets, atmospheric CO<sub>2</sub>, and sea level”*.
- 1982 M.S., (“doctoraal”) State University of Utrecht, Physical Oceanography and Meteorology.  
Thesis topics: *“The energy budget of the tidal currents in the southern North Sea”* and  
*“Numerical modelling of the ocean mixed layer in shallow seas with tidal friction”*.
- 1978 B.S., (“kandidaats”) State University of Utrecht, Physics.

**Positions held:**

- 2006- present Associate Professor, Department of Geography, University of Kansas
- 2003- 2006 Visiting Associate Professor, Department of Geological Sciences, The Ohio State University
- 1999 Interim Director, Byrd Polar Research Center, The Ohio State University
- 1997- 2006 Research Scientist, Byrd Polar Research Center, The Ohio State University
- 1992- 2006 Adjunct Assistant Professor, Department of Geography, The Ohio State University.
- 1990- 1997 Senior Research Associate, Byrd Polar Research Center, The Ohio State University.
- 1987- 1990 Research Associate, Byrd Polar Research Center, The Ohio State University.
- 1986- 1987 Post doctoral Fellow, Byrd Polar Research Center, The Ohio State University.
- 1982- 1986 Ph.D. student at the State University of Utrecht.

## Service:

- 2010 Chief Scientific Editor for the *Annals of Glaciology*, Proceedings of the IGS symposium on “*Earth vanishing ice*” to be held in Columbus, OH (September)
- 2009 Convenor Summer School on “*Ice sheet models for the 21<sup>st</sup> Century.*” Place and time tdb.
- 2008 Co-convenor Workshop on “*Improving Ice-Sheet Models*” held in St. Petersburg, Russia (July 5-7, 2008).
- 2008 Member of the NASA ROSES Cryosphere proposal review panel.
- 2006 - present Chair SCAR Expert Group on Ice Sheet Mass Balance and Sea Level (ISMASS).
- 2006 Co-convenor AGU Fall Meeting session C14, “*Advances in observations of ice sheets and glaciers: mass balance and beyond*” held in San Francisco, California (December, 2006).
- 2005 Co-convenor AGU Fall Meeting session C41 “*The Dynamics of Glacier System Response: tidewater glaciers and the ice streams and outlet glaciers of Greenland and Antarctica*” held in San Francisco, California (December, 2005).
- 2004 Associate editor for the *Annals of Glaciology*, Vol. 40, Proceedings of the IGS symposium on “*Ice and Water Interactions*”, held in Portland, Oregon (July, 2004).
- 2003 - present Member of the Publications Committee of the International Glaciological Society.
- 2002 Co-Chief Editor for the *Annals of Glaciology*, Vol. 36, Proceedings of the IGS symposium on “*Fast Glacier Flow*”, held in Yakutat, Alaska (June 10-14, 2002).
- 2000 Member of the NSF Polar Glaciology Program Antarctic proposal review panel.
- 1999 Associate editor for the *Annals of Glaciology*, Vol. 31, Proceedings of the IGS symposium on “*The Verification of Cryospheric Models: Bringing data and modelling scientists together*”, held in Zurich, Switzerland (August 16-20, 1999).
- 1999 Interim Director, Byrd Polar Research Center.
- 1999 - 2006 Editor *Polar Geography*.
- 1997 Convenor of the “*Workshop on Tidewater Glaciers*”, Feb. 28 - March 2.
- 1996 - 2003 Chair of the Executive Committee of the Byrd Polar Research Center.
- 1994 Member of the NSF Polar Glaciology Program Antarctic proposal review panel.
- 1994 Associate editor for the *Annals of Glaciology*, Vol. 21, Proceedings of the IGS symposium on “*The Role of the Cryosphere in Global Change*”, held in Columbus, Ohio (August 7-12, 1994).
- 1994 Member of the local organising committee for the IGS symposium on “*The Role of the Cryosphere in Global Change*”, held in Columbus, Ohio (August 7-12, 1994).
- 1985 Main organizer of a three-day workshop on “*The dynamics of the West Antarctic Ice Sheet*” held in Utrecht (May 6-8, 1985).
- 1984 - 1987 Member, Special Committee, reporting to the Dutch government on the possible effects of a CO<sub>2</sub>-induced climatic warming.

**Field experience:**

- 6 / 2004      Glacial geology fieldwork near the ice margin, Kangerlussuaq, West Greenland (Byrd Polar Research Center and University of Illinois at Chicago expedition)
- 7 / 2003      Glacial geology fieldwork near the ice margin, Jakobshavn Isbræ, West Greenland (Byrd Polar Research Center expedition).
- 11 / 1988 –  
1 / 1989      Glaciology fieldwork in West Antarctica (NASA and Byrd Polar Research Center expedition).
- 5 - 6 / 1987      Glaciology fieldwork in Central Greenland (Byrd Polar Research Center expedition).
- 11 / 1985 –  
1 / 1986      Glaciology fieldwork in West Antarctica (Institute of Polar Studies expedition).
- 5 - 6 / 1980      Member of two, two-week expeditions with the Dutch oceanographical research vessel *Tyro*, to collect data for M.S. research.
- 5 / 1979      Joined a one-month cruise of the Dutch weather ship to the northern Atlantic Ocean to perform oceanographical observations.

**Courses taught (University of Kansas):**

- Fall  
2008      Glaciers and Landscape  
Geography 332 (3 credit hours)
- Summer  
2008      Teaching Climate & Cryosphere  
Geography 731 (3 credit hours) (workshop for teachers)
- Spring  
2008      Understanding Climate Change Science  
Geography 531/731 (3 credit hours) (together with Johannes Feddema)
- Spring  
2008      Advanced Geostatistics  
Geography 716 (3 credit hours)
- Fall  
2007      Geography of the Energy Crisis  
Geography 556 (3 credit hours).
- Spring /  
Summer  
2007      Introduction to Glacier Dynamics  
Geography 531 (3 credit hours) (webcast to the University of Stockholm, .with auditing students at Penn State, Ohio State University and the University at Buffalo).
- Spring  
2007      Advanced Dynamic Meteorology  
ATMO 660 (3 credit hours).
- Fall  
2006      Glaciers and Landscape  
Geography 531 (3 credit hours).

**Courses taught (Ohio State University):**

Spring 2006	Glaciers and Pleistocene Geology Geological Sciences 650 (5 credit hours)
Winter 2006	Fueling our economy after Peak Oil Arts and Sciences 137.11 (2 credit hours) (together with Garry McKenzie)
Winter 2006	Global change and sustainability in the Earth System Geological Sciences 663 (5 credit hours) (together with Garry McKenzie and Lonnie Thompson)
Fall 2005	Sustainability and Peak Oil: exploring pathways for our future Geological Sciences 694 (3 credit hours) (together with Garry McKenzie)
Fall 2005	Earth Systems I: Geologic Environment Geological Sciences 100N (5 credit hours)
Spring 2005	Glaciers and Pleistocene Geology Geological Sciences 650 (5 credit hours)
Winter 2005	Computational Geology Geological Sciences 245 (5 credit hours)
Fall 2004	Earth Systems I: Geologic Environment Geological Sciences 100N (5 credit hours)
Fall 2004	Quaternary and Precambrian glacial deposits of the central Great Lakes Geological Sciences 850 (3 credit hours – 6 day fieldtrip) (together with Garry McKenzie)
Spring 2004	Earth Systems I: Geologic Environment Geological Sciences 100N (5 credit hours)
Winter 2004	Computational Geology Geological Sciences 245 (5 credit hours) (together with John Olesik)
Winter 2004	Glaciers and Pleistocene Geology Geological Sciences 650 (5 credit hours)
Fall 2003	Seminar in Geophysics Geological Sciences 880 (3 credit hours)
Spring 2003	Global Climate and Environmental Change: Individuals Matter Geography H294 (5 credit hours; Honors Class) (together with Ellen Mosley-Thompson)
Fall 2001	Glaciers and Pleistocene Geology Geological Sciences 650 (5 credit hours)
Spring 2001	Geographical Analysis II Geography 883-02 (4 credit hours)
Winter 2001	Geographical Analysis I Geography 883-01 (4 credit hours).

**Publications:**

- 2008 Berliner, L.M., K. Jezek, N. Cressie, Y. Kim, C.Q. Lam, and C.J. van der Veen, Physical-statistical modeling of ice-stream dynamics. *Journal of Glaciology*, **54**, 705-714.
- 2008 Berliner, L.M., N. Cressie, K. Jezek, Y. Kim, C.Q. Lam, and C.J. van der Veen, Equilibrium dynamics of ice streams: a Bayesian statistical analysis. *Statistical Methods & Applications*, **17**, 145-165.
- 2008 Csatho, B., T. Schenk, C.J. van der Veen, and W. Krabill, Intermittent thinning of Jakobshavn Isbræ, West Greenland, since the Little Ice Age. *Journal of Glaciology*, **54**, 131-144.
- 2007 Forman, S.L., L. Marin, C. van der Veen, C. Tremper, and B. Csatho, Little Ice Age and neoglacial landforms at the Inland Ice margin, Isunguata Sermia, Kangerlussuaq, west Greenland. *Boreas*, **36**, 341-351.
- 2007 Nick, F.M., C.J. van der Veen, and J. Oerlemans, Controls on advance of tidewater glaciers: results from numerical modeling applied to Columbia Glacier. *Journal of Geophysical Research*, **112**, F03S24, doi:10.1029/2006JF000551.
- 2007 Van der Veen, C.J., T. Leftwich, R. von Frese, B.M. Csatho, and J. Li, Subglacial topography and geothermal heat flux: potential interactions with drainage of the Greenland ice sheet. *Geophysical Research Letters*, **34**, L12501, doi: 10.1029/2007GL030046.
- 2007 Van der Veen, C.J., K.C. Jezek, and L. Stearns, Shear measurements across the northern margin of Whillans Ice Stream. *Journal of Glaciology*, **53**, 17-29.
- 2007 Van der Veen, C.J., Fracture propagation as means of rapidly transferring surface meltwater to the base of glaciers. *Geophysical Research Letters*, **34**, L01501, doi: 10.1029/2006GL028385.
- 2006 Monaghan, A.J., D.H. Bromwich, R.L. Fogt, S-H. Wang, P.A. Mayewski, D.A. Dixon, A. Ekaykin, M. Frezzotti, I. Goodwin, E. Isaksson, S.D. Kaspari, V.I. Morgan, H. Oerter, T.D. Van Ommen, C.J. van der Veen, and J. Wen, Insignificant change in Antarctic snowfall since the International Geophysical Year. *Science*, **313**, 827-831.
- 2006 Van der Veen, C.J., Reevaluating Hubbert's Prediction of U.S. Peak Oil. *EOS*, **87**, 199&202.
- 2006 Raymond, C.F., G.A. Catania, N. Nereson, and C.J. van der Veen, Bed radar reflectivity across the north margin of Whillans Ice stream, West Antarctica, and implications for margin processes. *Journal of Glaciology*, **52**, 3-10.
- 2005<sup>1</sup> Van der Veen, C.J., and B. Csatho, Spectral characteristics of Greenland lichen. *Géographie Physique et Quaternaire*, **59**, 63-73.
- 2005 Csatho, B., C.J. van der Veen, and C. Tremper, Trimline mapping from multispectral Landsat ETM+ imagery. *Géographie Physique et Quaternaire*, **59**, 49-62.
- 2005 Stearns, L., K. Jezek, and C.J. van der Veen, Decadal scale variations in ice flow along Whillans Ice Stream and its tributaries, West Antarctica. *Journal of Glaciology*, **51**, 147-157.

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<sup>1</sup> Published in 2006

- 2005 Schenk, T., B. Csatho, C.J. van der Veen, H. Brecher, Y. Ahn, and T. Yoon, Registering imagery to ICESat data for measuring elevation changes on Byrd Glacier, Antarctica. *Geophysical Research Letters*, **32**, L23S05. doi: 1029/2005GL024328.
- 2005 Csatho, B., Y. Ahn, T. Yoon, C.J. van der Veen, S. Vogel, G. Hamilton, D. Morse, B. Smith, and V.B. Spikes., ICESat measurements reveal complex pattern of elevation changes on Siple Coast ice streams, Antarctica. *Geophysical Research Letters*, **32**, LS23S04, doi: 1029/2005GL024289.
- 2004 Van der Veen, C.J., Glacier Mass Balance. In: *Encyclopedia of the Arctic, volume 2 (G-N)* (ed. M. Nuttall), 744-745.
- 2004 Van der Veen, C.J., Glacier Ice. In: *Encyclopedia of the Arctic, volume 2 (G-N)* (ed. M. Nuttall), 742-744.
- 2002<sup>2</sup> Van der Veen, C.J., Recent accumulation rate changes in south Greenland from internal layering. *Polar Geography*, **26(4)**, 308-320.
- 2002 Van der Veen, C.J., Polar ice sheets and global sea level: how well can we predict the future? *Global and Planetary Change*, **32**, 165-194.
- 2002 Van der Veen, C.J., Calving Glaciers. *Progress in Physical Geography*, **26(1)**, 96-122.
- 2001<sup>3</sup> Van der Veen, C.J., E. Mosley-Thompson, K.C. Jezek, I.M. Whillans and J.F. Bolzan, Accumulation rates in south and central Greenland. *Polar Geography*, **25(2)**, 79-162
- 2001 Van der Veen, C.J., Greenland Ice Sheet response to external forcing. *Journal of Geophysical Research*, **106(D24)**, 34,047-34,058.
- 2001 Van der Veen, C.J., D.H. Bromwich, B.M. Csatho and C. Kim, Trend surface analysis of Greenland precipitation. *Journal of Geophysical Research*, **106(D24)**, 33,909-33,918.
- 2001 Whillans, I.M. and C.J. van der Veen, Transmission of stress between an ice stream and interstream ridge. *Journal of Glaciology*, **47**, 433-440.
- 2001 Whillans, I., C. Bentley and C.J. van der Veen, Ice streams B and C. In: *The West Antarctic Ice Sheet: Behavior and Environment* (eds. R.B. Alley and R.A. Bindschadler), American Geophysical Union, Washington DC, Antarctic Research Series, vol. 77, 257-281.
- 2000 Van der Veen, C.J., K.C. Jezek, E. Mosley-Thompson, I.M. Whillans and J.F. Bolzan, Two decades of glaciological observations in south and central Greenland, 1980-1981 and 1987-1989. *Polar Geography*, **24(4)**, 259-349.
- 2000<sup>4</sup> Van der Veen, C.J., Fourier and the greenhouse effect. *Polar Geography*, **24(2)**, 132-152.
- 1999<sup>5</sup> Van der Veen, C.J., Crevasses on glaciers. *Polar Geography*, **23(3)**, 213-245.
- 1999 Lazzara, M.A., K.C. Jezek, T.A. Scambos, D.R. MacAyeal and C.J. van der Veen, On the recent calving of icebergs from the Ross Ice Shelf. *Polar Geography*, **23(3)**, 201-212.
- 1999 Van der Veen, C.J., Evaluating the performance of cryospheric models. *Polar Geography*, **23(2)**, 83-96.

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<sup>2</sup> Published in 2003

<sup>3</sup> Published in 2002

<sup>4</sup> Published in 2001

<sup>5</sup> Published in 2000

- 1999 Csathó, B.M., J.F. Bolzan, C.J. van der Veen, A.F. Schenk and D-C. Lee, Surface velocities of a Greenland outlet glacier from high-resolution visible satellite imagery. *Polar Geography*, **23(1)**, 71-82.
- 1999 Van der Veen, C.J., Sea level forecast build on hot air but no science. *Polar Geography*, **23(1)**, 1-11.
- 1999 Van der Veen, C.J., E. Mosley-Thompson, A.J. Gow and B.G. Mark, Accumulation at South Pole: comparison of two 900 year records. *Journal of Geophysical Research*, **104(D24)**, 31,067-31,077.
- 1999 Van der Veen, C.J. and J.F. Bolzan, Interannual variability in net accumulation on the Greenland Ice Sheet: observations and implications for mass-balance measurements. *Journal of Geophysical Research*, **104(D2)**, 2009-2014.
- 1999 Van der Veen, C.J., I.M. Whillans and A.J. Gow, On the frequency distribution of net annual accumulation at the South Pole. *Geophysical Research Letters*, **26**, 239-242.
- 1998 Van der Veen, C.J., W.B. Krabill, B.M. Csatho and J.F. Bolzan, Surface roughness on the Greenland Ice Sheet from airborne laser altimetry. *Geophysical Research Letters*, **25**, 3887-3890.
- 1998 Sohn, H-G, K.C. Jezek and C.J. van der Veen, Jakobshavn Glacier, West Greenland: 30 years of spaceborne observations. *Geophysical Research Letters*, **25**, 2699-2702.
- 1998 Van der Veen, C.J., Fracture mechanics approach to penetration of bottom crevasses on glaciers. *Cold Regions Science and Technology*, **27**, 213-223.
- 1998 Van der Veen, C.J., Fracture mechanics approach to penetration of surface crevasses on glaciers. *Cold Regions Science and Technology*, **27**, 31-47.
- 1997 Venteris, E.R., I.M. Whillans and C.J. van der Veen, Effect of extension rate on terminus position, Columbia Glacier, Alaska, U.S.A., *Annals of Glaciology*, **24**, 49-53.
- 1997 Whillans, I.M. and C.J. van der Veen, The role of lateral drag in the dynamics of ice stream B, Antarctica. *Journal of Glaciology*, **43**, 231-237.
- 1996 Van der Veen, C.J., Tidewater calving. *Journal of Glaciology*, **42**, 375-385.
- 1996 Van der Veen, C.J. and I.M. Whillans, Model experiments on the evolution and stability of ice streams. *Annals of Glaciology*, **23**, 129-137.
- 1995 Whillans, I.M. and C.J. van der Veen, Reply to Lliboutry's letter "Why calculated basal drags of ice streams can be fallacious." *Journal of Glaciology*, **41**, 205-206.
- 1994 Van der Veen, C.J. and I.M. Whillans, Development of fabric in ice. *Cold Regions Science and Technology*, **22**, 171-195.
- 1993 Whillans, I.M. and C.J. van der Veen, New and improved determinations of velocity of ice streams B and C, West Antarctica. *Journal of Glaciology*, **39**, 483-490.
- 1993 Whillans, I.M. and C.J. van der Veen, Patterns of calculated basal drag on ice streams B and C, Antarctica. *Journal of Glaciology*, **39**, 437-446.
- 1993 Van der Veen, C.J. and K.C. Jezek, Seasonal variations in brightness temperatures for central Antarctica. *Annals of Glaciology*, **17**, 300-306.
- 1993 Van der Veen, C.J., Interpretation of short-term ice-sheet elevation changes inferred from satellite altimetry. *Climatic Change*, **23**, 383-405.

- 1993 Van der Veen, C.J. and I.M. Whillans, Location of mechanical controls on Columbia Glacier, Alaska, U.S.A., prior to its rapid retreat. *Arctic and Alpine Research*, **25**(2), 99-105.
- 1992 Van der Veen, C.J. and I.M. Whillans, Determination of a flow center on an ice cap. *Journal of Glaciology*, **38**, 412-416.
- 1991 Van der Veen, C.J., State of balance of the cryosphere. *Reviews of Geophysics*, **29**, 433-455.
- 1990 Van der Veen, C.J. and I.M. Whillans, Flow laws for glacier ice: comparison of numerical predictions and field measurements. *Journal of Glaciology*, **36**, 324-339.
- 1989 Whillans, I. M., Y. H. Chen, C. J. van der Veen, and T. J. Hughes, Force budget: III, Application to three-dimensional flow of Byrd Glacier, Antarctica. *Journal of Glaciology*, **35**, 68-80.
- 1989 Van der Veen, C. J. and I. M. Whillans, Force budget: II. Application to two-dimensional flow along the Byrd Station Strain Network, Antarctica. *Journal of Glaciology*, **35**, 61-67.
- 1989 Van der Veen, C. J. and I. M. Whillans, Force budget: I. Theory and numerical methods. *Journal of Glaciology*, **35**, 53-60.
- 1989 Van der Veen, C. J., A numerical scheme for calculating stresses and strain rates in glaciers. *Mathematical Geology*, **21**, 363-377.
- 1988 Van der Veen, C. J., Projecting future sea level. *Surveys in Geophysics*, **9**, 389-418.
- 1987 Van der Veen, C. J., Ice sheets and the CO<sub>2</sub> problem. *Surveys in Geophysics*, **9**, 1-42.
- 1987 Van der Veen, C.J., Longitudinal stresses and basal sliding: a comparative study. In: *Dynamics of the West Antarctic Ice Sheet* (eds. C.J. van der Veen and J. Oerlemans), D. Reidel Publ. Co., Dordrecht, 223-248.
- 1987 Van der Veen, C. J., The West Antarctic Ice Sheet: the need to understand its dynamics. In: *Dynamics of the West Antarctic Ice Sheet* (eds. C. J. van der Veen and J. Oerlemans), D. Reidel Publ. Co., Dordrecht, 1-16.
- 1986 Van der Veen, C. J., Numerical modelling of ice shelves and ice tongues. *Annales Geophysicae*, **4**(B), 45-54.
- 1985 Van der Veen, C. J., Response of a marine ice sheet to changes at the grounding line. *Quaternary Research*, **24**, 257-267.
- 1984 Van der Veen, C. J. and J. Oerlemans, Global thermodynamics of a polar ice sheet. *Tellus*, **36**(A), 228-235.

**In Press:**

**In Review:**

Van der Veen, C.J., Climate Change, Peak Oil, and Population Growth. *Climatic Change*.

Van der Veen, C.J., Y. Ahn, W.B. Krabill, E. Mosley-Thompson, and B.M. Csatho, Surface roughness over the northern half of the Greenland ice sheet from airborne laser altimetry. *Journal of Geophysical Research*.

**Books:**

- 1999 Van der Veen, C. J., *Fundamentals of Glacier Dynamics*, A. A. Balkema, Rotterdam, 462 pp.
- 1987 Van der Veen, C. J. and J. Oerlemans (eds.), *Dynamics of the West Antarctic Ice Sheet*. D. Reidel Publ. Co., Dordrecht, 368 pp.
- 1984 Oerlemans, J. and C. J. van der Veen, *Ice Sheets and Climate*. D. Reidel Publ. Co., Dordrecht, 217 pp.

**Book chapters:**

- 2004 Van der Veen, C. J and A.J. Payne, Modelling land-ice dynamics. In: *Mass balance of the Cryosphere: Observations and Modelling of Contemporary and Future Changes* eds. J.L. Bamber and A.J. Payne), Cambridge University Press, Cambridge, 183-246.
- 1993 Whillans, I.M. and C.J. van der Veen, Controls on changes in the West Antarctic Ice Sheet. In: *Ice in the Climate System* (ed. W.R. Peltier). NATO ASI Series Vol. I12, Springer Verlag, Berlin, 47-54.
- 1992 Van der Veen, C.J., Land ice and climate. In: *Climate System Modeling* (ed. K. Trenberth), Cambridge University Press, 437-450.

**Non-refereed publications:**

- 2008 Van der Veen, C.J., V.I. Lytle, and S. Gogineni, Observations to support predictions of sea level – CReSIS' contribution toward understanding the term glacial speed. *Earthzine*, April 7, 2008, [www.earthzine.org](http://www.earthzine.org).
- 2007 Van der Veen, C.J., and ISMASS Members: A need for more realistic ice-sheet models. *SCAR Report No. 30*, 27 pp.
- 2003 Csatho, B., T. Schenk, S. Shin, and C. J. van der Veen: Investigating long-term behavior of Greenland outlet glaciers using high resolution imagery. In: *Proceedings of IGARSS 2002*, 1047-1050, published on CD-ROM.
- 2001 Van der Veen, C.J., Book Review: *The Arctic. Environment, People, Policy*, edited by Mark Nuttall and Terry V. Callaghan. *Polar Geography*, **25**(1), 72-77.
- 2001 Van der Veen, K. and R. Alley, Obituary: Ian M. Whillans (1944-2001). *Ice*, **126/127**, 44-45.
- 2001 Van der Veen, C.J., Book Review: *Glaciers and Environmental Change*, by A. Nesje and S.O. Dahl. *Bulletin of the American Meteorological Society*, **82**, 2040-2042.

- 2001 Van der Veen, C.J., Book Review: The two-mile time machine: Ice cores, abrupt climate change and our future, by Richard B Alley. *EOS*, **82(4)**, January 23, 2001. Also in: *Earth in Space*, **13(8)**, 14-15.
- 2000 Kim, C., B. Csatho, R. Thomas and C. J. van der Veen, Studying and monitoring the Greenland Ice Sheet using GIS techniques. *International Archives of Photogrammetry and Remote Sensing*, **XXXIII (B7)**, 678-685.
- 2000 Kieffer, H., J.S. Kargel, R. Barry, R. Bindschadler, M. Bishop, D. MacKinnon, A. Ohmura, B. Raup, M. Antoninetti, J. Bamber, M. Braun, I. Brown, D. Cohen, L. Copland, J. DueHagen, R.V. Engeset, B. Fitzharris, K. Fujita, W. Haeberli, J.O. Hagen, D. Hall, M. Hoelzle, M. Johansson, A. Kaab, M. Keonig, V. Konovalov, M. Maisch, F. Paul, F. Rau, N. Reeh, E. Rignot, A. Rivera, M. de Ruyter de Wildt, T. Scambos, J. Schaper, G. Scharfen, J. Schroder, O. Solomina, D. Thompson, K. van der Veen, T. Wohlleben and N. Young, New eyes in the sky measure glaciers and ice sheets. *EOS*, **81(24)**, June 13, 2000.
- 1999 Van der Veen, C.J., Correspondence: A disagreement about global warming. *Polar Record*, **35(193)**, 167-168.
- 1998 Van der Veen, C.J., Letter to the Editor: Melting, Maybe. *Science*, **281**, 1285-1286.
- 1997 Van der Veen, C.J., Backstress: what it is and how it affects glacier flow. In: *Calving Glaciers: Report of a Workshop, February 28 - March 2, 1997 (ed. C.J. van der Veen)*. BPRC Report No. 15, Byrd Polar Research Center, The Ohio State University, Columbus, Ohio, 173-180.
- 1997 Van der Veen, C.J., Controls on the position of iceberg-calving fronts. In: *Calving Glaciers: Report of a Workshop, February 28 - March 2, 1997 (ed. C.J. van der Veen)*. BPRC Report No. 15, Byrd Polar Research Center, The Ohio State University, Columbus, Ohio, 163-172.
- 1997 Sohn, H-G, K.C. Jezek and C.J. van der Veen, Seasonal variations in terminus position of Jakobshavn Glacier, West Greenland. In: *Calving Glaciers: Report of a Workshop, February 28 - March 2, 1997 (ed. C.J. van der Veen)*. BPRC Report No. 15, Byrd Polar Research Center, The Ohio State University, Columbus, Ohio, 137-140.
- 1997 Van der Veen, C.J., Letter to the Editor: California traffic has been making kinematic waves since fifties. *Physics Today*, **50(10)**, 140-141.
- 1992 Van der Veen, C.J., Ice sheets: growing or shrinking? *Earth in Space*, **5**, 5-9.
- 1991 Van der Veen, C.J., Mass balance of the cryosphere. In: *Towards an integrated system for measuring long term changes in global sea level*. Report of a workshop held at Woods Hole Oceanographic Institution, May 1990, Joint Oceanographic Institutions, Inc., Washington, D.C., 77-83.
- 1990 Whillans, I.M. and C.J. van der Veen, Application of the Global Positioning System in Antarctica. *Antarctic Journal of the U.S.*, **25(2)**, 6-9.
- 1989 Tseng, Y.H., I.M. Whillans and C.J. van der Veen, Ionospheric effects on GPS in Central Antarctica. *Proceedings, 5th International Geodetic Symposium on Satellite Positioning*, Las Cruces, New Mexico, March 13-17, 1989, 1114-1123.
- 1989 Whillans, I.M. and C.J. van der Veen, Design of strain networks: experience from glaciology. *Proceedings, 5th International Geodetic Symposium on Satellite Positioning*, Las Cruces, New Mexico, March 13-17, 1989, 842-848.

- 1985 Van der Veen, C. J., West Antarctic Ice Sheet Dynamics (Meeting Report). *EOS*, **66**, 732-733.

### Abstracts:

- 2008 Csatho, B., and C.J. van der Veen, Subglacial control on ice flow in northern Greenland. GSA Northeastern Section, 43<sup>rd</sup> Annual Meeting (27-29 March 2008), Abstract 135687.
- 2007 Van der Veen, C.J., A need for more realistic ice-sheet models. *EOS*, **88**, Fall Meeting Supplement, Abstract C42A-08 (Invited).
- 2007 Leftwich, T.E., C.J. van der Veen, R.R. von Frese, and B. Csatho, Crustal geothermal controls on ice sheet dynamics of Greenland. *EOS*, **88**, Fall Meeting Supplement, Abstract C41C-06.
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