Chancellor's Distinguished Fellows Program 2004-2005 Selective Bibliography UC Irvine Libraries

Robert W. Corell

May 25, 2005

Prepared by:
Kathryn Kjaer
Research Librarian for Mathematics, Physics, and Earth System Science
kkjaer@uci.edu

Journal Articles

Conference Proceedings.....

Reports....

p. 1

p. 2

p. 3

Table of Contents

Congressional Testimony by Robert W. Corell	p. 3 p. 4
Journal Articles	
Blidberg, D.R., R.W. Corell, and A.S. Westneat. "Probable Ice Thickness of the Ocean." <i>Coastal Engineering</i> 5, no. 2-3 (1981): 159-169.	Arctic
Corell, Robert W. "Advanced Technology and Science - A Key to Oceanic Development." <i>Marine Technology Society Journal</i> 22, no. 1 (October 1988)	8): 50-57.
"Commentary - A Critical Need." <i>Marine Technology Society Journ</i> no. 2 (June 1990): 42.	nal 24,
"A Perspective on Planning and Implementing for the Science of Glo Environmental Change; AGU 2000 Fall Meeting." <i>EOS, Transactions, Am Geophysical Union</i> 81, no. 48, Suppl. (28 November, 2000): 4.	
"The United-States Global Change Research-Program - An Overview Perspectives on the FY 1991 Program." <i>Bulletin of the American Meteorola Society</i> 71, no. 4 (April 1990): 507-511.	
"The United-States Global Change Research-Program - An Overview Perspectives on the FY 1992 Program." <i>Bulletin of the American Meteorola Society</i> 72, no. 5 (May 1991): 605-608.	

- Kates, Robert.W., William C. Clark, Robert Corell, J. Michael Hall, Carlo C. Jaeger, Ian Lowe, James J. McCarthy, Hans Joachim Schellnhuber, Bert Bolin, Nancy M. Dickson, Sylvie Faucheux, Gilberto C. Gallopin, Arnulf Grübler, Brian Huntley, Jill Jäger, Narpat S. Jodha, Roger E. Kasperson, Akin Mabogunje, Pamela Matson, Harold Mooney, Berrien Moore III, Timothy O'Riordan, Uno Svedin. "Environment and Development: Sustainability Science." *Science* 292, no. 5517 (April 27, 2001): 641-642.
- Kee, R., R.W. Corell. "Feasibility of Interrogating and Locating Ocean Platforms with Orbiting Satellites." *IEEE Transactions on Geoscience Electronics* 6, no. 4 (1968): 176-184.
- Kolbe, Edward, Robert W. Corell, and J. P. Nielsen. "A Probe to Measure Friction Coefficient of Cohesionless Soils." *ASTM Geotechnical Testing Journal* 5, no. 1-2 (June 1982): 42-46.
- Lenharth, W., R.W. Corell. "Thoughts on Relationship between Reynolds and Strouhal Numbers." *Journal of Sound and Vibration* 36, no. 1 (1974.): 147-149.
- Malone, Thomas F., Robert Corell. "Mission to Planet Earth Revisited." *Environment* 31, no. 3 (April 1989): 6-11.

Conference Proceedings

- Corell, Robert. "Marine Science in the 1990's; Global Change and Its Implications; New Developments in Marine Science and Technology; Economic, Legal and Political Aspects of Change." In 22nd Annual Conference of the Law of the Sea Institute, Narragansett, RI, June 12-16, 1988, edited by Lewis M. Alexander, Scott Allen and Lynne Carter Hanson. Honolulu, HI: University of Hawaii, Law of the Sea Institute, 1988.
- _____. "U.S. Global Change Research Program." In *Proceedings of the U.S. Geological Survey Global Change Research Forum, Herndon, Virginia, March 18-20, 1991*. Reston, VA: U. S. Geological Survey, 1993.
- Corell, Robert, Syun-Ichi Akasofu. "United States Global Change Research in the Arctic; International Cooperation in Arctic Research; Detecting Global Change and Its Impacts in the Western Arctic." 49th AAAS Arctic Division Science Conference Fairbanks, Alaska, Oct. 25-28, 1998. *Program and Abstracts Arctic Science Conference* 49 (1998): 27.
- Corell, Robert W., Patricia A. Anderson, eds. *Global Environmental Change: Proceedings of the NATO Advanced Research Workshop on the Science of Global Environmental Change, held at Il Ciocco, Lucca (Italy), May 31-June 2, 1990.*Berlin; New York: Springer-Verlag, 1991.

Malone, Thomas F., Robert Corell. "Mission to Planet Earth Revisited." In *Global Change and Our Common Future: Papers from a Forum, Washington D.C., May 2-3, 1989*, by the National Research Council's Committee on Global Change, 34-49. Washington, D.C.: National Academy Press, 1989.

Reports

Corell, Robert W., University of New Hampshire, Marine Systems Engineering Laboratory, and Outer Continental Shelf OCS Oil and Gas Operations (U.S.). Research and Engineering Design of a Microcomputer Controlled Unmanned Free Swimming Vehicle: Final Report October 31, 1980. Durham, New Hampshire: Marine Systems Engineering Laboratory, University of New Hampshire, 1980.

Kates, Robert, William C. Clark, Robert Corell, J. Michael Hall, Carlo C. Jaeger, Ian Lowe, James J. McCarthy, Hans Joachim Schellnhuber, Bert Bolin, Nancy M. Dickson, Sulvie Faucheux, Gilberto C. Gallopin, Arnulf Gruebler, Brian Huntley, Jill Jäger, Narput S. Jodha, Roger E. Kasperson, Akin Mabogunje, Pamela Matson, Harold Mooney, Berrien Moore III, Timothy O'Riordan, and Uno Svedin. "Sustainability Science." Research and Assessment Systems for Sustainability Program Discussion Paper 2000-33. Cambridge, MA: Environment and Natural Resources Program, Belfer Center for Science and International Affairs, Kennedy School of Government, Harvard University, 2000. Available from http://ksgnotes1.harvard.edu/BCSIA/sust.nsf/pubs/pub7/\$File/2000-33.pdf. Accessed May 21, 2005.

Congressional Testimony by Robert W. Corell

- U.S. Congress. House Committee on Resources. Subcommittee on Fisheries, Wildlife and Oceans. "Testimony of Dr. Robert Corell Assistant Director, Directorate for Geosciences, National Science Foundation." (Date:03/27/96). Text from: Federal Document Clearing House Congressional Testimony. Available from: LexisNexisTM Congressional (Online Service). Bethesda, MD: Congressional Information Service. http://uclibs.org/PID/6941 accessed May 21, 2005.
- U.S. Congress. Senate Commerce, Science, and Transportation Committee. "Climate Change. Statement of Dr. Robert W. Corell, Chairman, Arctic Climate Impact Assessment and Senior Fellow, American Meteorological Society." (Date:03/03/2004). Text from: Federal Document Clearing House Congressional Testimony. Available from: LexisNexisTM Congressional (Online Service). Bethesda, MD: Congressional Information Service. http://uclibs.org/PID/6941 accessed May 21, 2005.

- U.S. Congress. Senate Commerce, Science, and Transportation Committee. "Global Climate Change: Statement of Mr. Robert Corell, Chairman, Arctic Climate Impact Assessment and Senior Fellow, American Meteorological Society." (Date: 11/16/2004). Text from: Federal Document Clearing House Congressional Testimony. Available from: LexisNexisTM Congressional (Online Service). Bethesda, MD: Congressional Information Service. http://uclibs.org/PID/6941 accessed May 21, 2005.
- U.S. Congress. Senate Commerce, Science, and Transportation Committee. "Hearing of the Senate Committee on Commerce, Science, and Transportation, chaired by Senator John McCain: Arctic Climate Impact Assessment." (Date: 11/16/2004). Text from: Federal Document Clearing House Congressional Testimony. Available from: LexisNexisTM Congressional (Online Service). Bethesda, MD: Congressional Information Service. http://uclibs.org/PID/6941 accessed May 21, 2005.
- U.S. Congress. Senate Commerce, Science, and Transportation Committee. "U.S. Senator John McCain (R-AZ) Holds Hearing on Global Warming." (Date:11/16/2004). Text from: *Federal Document Clearing House Congressional Testimony*. Available from: *LexisNexis*TM *Congressional* (Online Service). Bethesda, MD: Congressional Information Service. http://uclibs.org/PID/6941 accessed May 21, 2005.

About Robert W. Corell

- American Geophysical Union (AGU). "Corell Receives 1998 Edward A. Flinn III Award." (http://www.agu.org/inside/awards/corell.html) accessed May 21, 2005.
- American Meteorological Society (AMS). "Robert W. Corell, PhD, Senior Policy Fellow." (http://www.ametsoc.org/atmospolicy/bios/corellbio.html) accessed May 21, 2005.
- Network for Science and Technology for Sustainability. "Dr. Robert W. Corell." (http://ksgnotes1.harvard.edu/BCSIA/forum.nsf/people/CorellRobertW) accessed May 21, 2005.