

Biographical Sketch: Gene E. Likens

Address: Cary Institute of Ecosystem Studies
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Degrees Held: Ph.D. (Zoology), 1962; Univ. of Wisconsin-Madison
M.S. (Zoology), 1959; Univ. of Wisconsin-Madison
B.S. (Biology), 1957; Manchester College
Honorary Degrees: Manchester College [D.Sc., 1979]; Rutgers University [D.Sc., 1985];
Plymouth State University, NH [D.Sc. 1989]; Miami University [D.Sc. 1990]; Union College
[D. Humane Letters, 1991]; Institut für Bodenkultur, Vienna, Austria [Doctoral, H.C., 1992];
Marist College [D.Sc., 1993]; Wageningen Agricultural University, The Netherlands [D.Sc.,
1998]; University of Connecticut [D.Sc., 2004]

Positions Held:

2007-present Distinguished Senior Scientist, President Emeritus, Founding Director,
Cary Institute of Ecosystem Studies* [*institutional name change,
November 2007]

2005-present Distinguished Research Professor, University of Connecticut

2003-present Professor of Biology, University at Albany, State Univ. of New York

1983-present Adjunct Professor, Dept. Ecology and Evol. Biology, Cornell University

1984-present Professor of Biology, Yale University

1985-present Professor, Graduate Field of Ecology, Rutgers University

1983-2007 Distinguished Senior Scientist, Institute of Ecosystem Studies

1993-2007 President, Institute of Ecosystem Studies

1983-2007 Director, Institute of Ecosystem Studies

2000-2005 G. Evelyn Hutchinson Chair in Ecology, Institute of Ecosystem Studies

1983-1993 Vice President, The New York Botanical Garden
Director, Mary Flagler Cary Arboretum

1969-1983 Associate Professor/Professor/Chairman, Section of Ecology and
Systematics, Cornell University

1961-1969 Instructor/Assistant Professor/Associate Professor, Dartmouth College

Selected Honors:

21011 Elected, Connecticut Academy of Science and Engineering.

2009-present Chair, Albert Einstein Professorship, Chinese Academy of Sciences

2009-present Honorary Professor, Jinan University, Guangzhou, China

2008-2010 CERF Fellowship, Australian National University, July 2008 – Feb. 2009;
January-May 2010

2008 CSIRO Water for a Healthy Country Fellowship, January-May 2008

2006 Elected to American Philosophical Society

2003 Recipient, Blue Planet Prize, Asahi Glass Foundation, Tokyo, Japan

2001 Recipient, National Medal of Science

2001-2004 President, American Institute of Biological Sciences

2001-2007 President, Societas Internationalis Limnologiae

2000 Elected Exchange Fellow, Austrian Academy of Sciences

1995 Eminent Ecologist, Ecological Society of America

1995 Naumann-Thienemann Medal, Societas Internationalis Limnologiae

1994 Recipient, The 1994 Australia Prize for Science & Technology
 1994 Elected Foreign Member, The Royal Danish Academy of Sciences and Letters
 1993 Recipient, The Tyler Prize, The World Prize for Environmental Achievement
 1991 Elected Honorary Member-British Ecological Society
 1990 Distinguished Service Award, American Institute of Biological Sciences
 1989 Recipient, First International ECI Prize in Limnetic Ecology, The Ecology Institute, Oldendorf-Luhe, Germany
 1988 Elected Foreign Member, The Royal Swedish Academy of Sciences
 1982 Charles A. Alexander Professor of Biological Sciences, Cornell University
 1982 Recipient, First G.E. Hutchinson Award (American Society of Limnology and Oceanography)
 1981-82 President, Ecological Society of America
 1981 Elected to National Academy of Sciences
 1980 USDA Forest Service 75th Anniversary Award
 1979 Elected to American Academy of Arts & Sciences
 1976-77 President, American Society of Limnology and Oceanography
 1972-73 Guggenheim Fellowship

Five Most Relevant Publications (>580 Total, including 24 books):

- Lindenmayer, D. B., **G. E. Likens**, A. Haywood and L. Miezi. 2011. Adaptive Monitoring in the real world: proof of concept. *Trends in Ecology and Evolution* 26(12):641-646. doi.10.1016/j.tree.2011.08.002
- **Likens, G.E.** and J.F. Franklin. 2009. Ecosystem Thinking in the Northern Forest – and Beyond. *BioScience* 59(6):511-513.
- Lindenmayer, D., and **G.E. Likens**. 2009. Adaptive monitoring: a new paradigm for long-term research and monitoring. *Trends in Ecology and Evolution (TREE)* 24(9):482-486.
- **Likens, G.E.**, C.T. Driscoll, and D.C. Buso. 1996. Long-term effects of acid rain: Response and recovery of a forest ecosystem. *Science* 272:244-246.
- **Likens, G.E.**, and F. H. Bormann. 1995. *Biogeochemistry of a Forested Ecosystem*. Second Edition. Springer-Verlag New York Inc, New York.

Five Additional Publications:

- Lindenmayer, D.B., and **G.E. Likens**. 2010. Effective Ecological Monitoring. CSIRO Publishing and Earthscan. 170 pp.
- **Likens, G.E.**, C.T. Driscoll, D.C. Buso, T.G. Siccama, C.E. Johnson, G.M. Lovett, T.J. Fahey, W.A. Reiners, D.F. Ryan, C.W. Martin and S.W. Bailey. 1998. The biogeochemistry of calcium at Hubbard Brook. *Biogeochemistry* 41(2):89-173.
- **Likens, G.E.** 2004. Some perspectives on long-term biogeochemical research from the Hubbard Brook Ecosystem Study. *Ecology* 85:2355-2362.
- Fahey, T.J., T.G. Siccama, C.T. Driscoll, **G.E. Likens**, J. Campbell, C.E. Johnson, J.D. Aber, J.J. Cole, M.C. Fisk, P.M. Groffman, R.T. Holmes, P.A. Schwarz, and R.D. Yanai. 2005. The biogeochemistry of carbon at Hubbard Brook. *Biogeochemistry* 75:109-176.
- Winter, T.C., and **G.E. Likens**, Eds. 2009. *Mirror Lake: Interactions among Air, Land and Water*. University of California Press. 361 pp.

Synergistic Activities

- Board of Trustees, Hubbard Brook Research Foundation, 1994-Present.
- Board of Directors, Aldo Leopold Foundation, Inc., Baraboo, Wisconsin, 1997-Present.
- Board of Directors, Hudson River Foundation, 2007-Present.

For Full CV: http://www.ecostudies.org/people_sci_likens.html