

John F. "Jack" Ahern, Ph.D., FASLA

Vice Provost of International Programs
Professor of Landscape Architecture & Regional Planning
University of Massachusetts Amherst

EDUCATION

University of Massachusetts
Amherst, Massachusetts
Bachelors of Science, Environmental Design, cum laude, 1974

University of Pennsylvania
Philadelphia, Pennsylvania
Master of Landscape Architecture, 1980

Wageningen Agricultural University
Wageningen, Netherlands
Department of Physical Planning and Rural Development
Ph.D. Environmental Sciences, 2002

AWARDS

- 2011. Elected Fellow of the Council of Educators in Landscape Architecture (CELA).
- 2005. Environmental Design Research Association, "Places Research Award", also Boston Society of Landscape Architects Merit Award for Research, for "People and Places on the Outer Cape: A Landscape Character Study".
- 2002. American Society of Landscape Architects Honor Award for Research. "Greenways as a Planning Strategy: Theory and Application".
- 2000. American Society of Landscape Architects Merit Award, American Society of Landscape Architects, and Honor Award, Boston Society of Landscape Architects, for the book: A Guide to the Landscape Architecture of Boston.
- 1997. Fulbright Research and Teaching Fellowship, Portugal
- 1996. Fellow, American Society of Landscape Architects
- 1995. Merit Award, Boston Society of Landscape Architects, "Chicopee River Study", with LA 554 Studio
- 1993-94. Faculty Fellowship, Department of Physical Planning and Rural Development, Wageningen Agricultural University, Wageningen, Netherlands.
- 1990. Merit Award, Boston Society of Landscape Architects, "Quabbin to Wachusett Wildlife Corridor Study", with LA 554 students.

PUBLICATIONS

A. Books

- 2010. Novotny, Vladimir; Ahern, Jack; Brown, Paul. Water-centric Sustainable Communities: planning, retrofitting, and building the next urban environment. John Wiley and Sons, New York.
- 2006. Leitão, André Botequilha; Miller Joseph; Ahern, Jack; McGarigal, Kevin. Measuring Landscapes: A Planner's Handbook. Island Press, Washington. 245 pp.
- 2006. Ahern, Jack; Elizabeth LeDuc and Mary Lee York. Biodiversity Planning and Design: Sustainable Practices. Island Press, Washington.
- 2002. Ahern Jack. Greenways as Strategic Landscape Planning: theory and application. Published Dissertation. Wageningen University, Netherlands, 175 pp.
- 1999. Jack Ahern. A Guide to the Landscape Architecture of Boston. The Hubbard Educational Trust, Cambridge. 96pp.

1997. João Reis Machado and Jack Ahern, editors, Environmental Challenges in an Expanding Urban World and the Role of Information Technology. Conference Proceedings. Centro Nacional Informação Geografica, Lisbon, Portugal, 525 pp.

B. Journal Articles

- In press*. Ahern, Jack. Biodiversity Challenges and Opportunities for Landscape Architects. LA China.
2011. Ahern, Jack. From *fail-safe* to *safe-to-fail*: sustainability and resilience in the new urban world. Special 100th Anniversary issue of Landscape and Urban Planning Journal.
2010. Kato, Sada and Ahern, Jack. The Concept of Threshold and Its Potential Application to Landscape Planning, Landscape and Ecological Engineering.
2009. Ahern J., Jennings, L., Fenstermacher, B., Warren, P., Charney, N., Jackson, S., Mullin, J., Kotval, Z., Brena, S., Civjan, S., and E. Carr. Issues and Methods for Transdisciplinary Planning of Combined Wildlife and Pedestrian Highway Crossings. Transportation Research Record No. 2123. Journal of the Transportation Research Board, Washington DC, pp. 129-136.
2009. Ahern, Jack. Greenways as Strategic Landscape Planning for Linear Landscapes. LA China, 4:28-39.
2009. Kato, Sada and Ahern, Jack. Multifunctional Landscapes as a Basis for Sustainable Landscape Development. Landscape Research Japan. 72:5, p. 799-804
2008. Silva, E. A., Ahern, J. and Wileden, J. 2008 Strategies For Landscape Ecology: An application using cellular automata models. Progress in Planning, 70(4): 133-177.
2008. Kato, Sadisho and Jack Ahern. "Learning by Doing: Adaptive Planning as a strategy to address uncertainty in planning. Environment and Planning Journal. V. 51:4, pp. 543-559.
2002. Leitão, André, B and Jack Ahern. Applying landscape ecological concepts and metrics in sustainable landscape planning. Landscape and Urban Planning, 59:2, pp. 65-93.
2001. Ahern, Jack. "Greenways and Ecological Corridors in Urban Environments", In proceedings of the "International Symposium on Man and Nature", Guan Kaiun, Editor. Kunming, China, 1999. pp. 39-45.
2000. Ahern, Jack. "Greenways: A planning strategy for integrating nature and culture". Journal of the Japanese Institute of Landscape Architecture, Vol. 64:2, pp 113-120.
1998. Ahern, Jack and Fabos, Julius. "A Global Greenway Vision: The Role of GIS" GisPlanet Conference, CD-ROM Proceedings "GIS PlaNET'98.
1995. Machado, João Reis ; Andresen M. Teresa; Rico, Ana Toscano; Ahern Jack ; Fabos, Julius Gy. "Metropolitan Landscape Planning: A Greenway Vision for the Metropolitan Area of Lisbon". Landschap (The Netherlands Journal for Landscape Ecology). pp.111-121.
1995. Ahern, Jack. "Greenways as a Planning Strategy" Landscape and Urban Planning, Special Greenways Issue. 33:1-3, pp. 131-155.
1994. Ahern, Jack and Klaas Kerkstra. "Time Space, Ecology and Design: Landscape Aesthetics in an Ecological Framework in the Netherlands" In Proceedings : Ecology Aesthetics and Design, ASLA, Wash, DC, pp. 49-60.

C. Book Chapters

2011. Pauleit, Stephan; Liu, Li; Ahern, Jack; and Aleksandra Kazmierczak "Multifunctional green infrastructure planning to promote ecological services in

- the city" in Handbook of Urban Ecology, Niemelä, Jari, Editor, Oxford University Press.
2007. Ahern, Jack. "Green Infrastructure for Cities: The Spatial Dimension". In Cities of the Future: Towards integrated sustainable water and landscape management. Novotny, Vladimir; Breckenridge, Lee; Brown, Paul, Editors. IWA Publishing, London.
2007. McGregor, Sharon and Ahern, Jack. "Biodiversity Conservation and Ecosystem Protection" in: Hamin, Elisabeth, Silka, Linda and Geigas, Priscilla, Editors. Preserving and Enhancing Communities. University of Massachusetts Press, Amherst.
2006. Ahern, Jack. "Theories, methods and strategies for sustainable landscape planning". In From Landscape Research to landscape Planning: Aspects of Integration, Education and Application. B. Tress, G. Tress, G. Fry, and P. Opdam, Editors. Springer. Pp. 119-131.
2005. Ahern, Jack. "Integration of landscape ecology and landscape architecture: an evolutionary and reciprocal process" in Wiens, John A, and Michael R. Moss, Editors. Issues and Perspectives in Landscape Ecology, Studies in landscape Ecology, Cambridge University Press, Cambridge. pp. 307-315.
2003. Ahern, Jack. "Greenways in the USA: theory, trends and prospects. In "Ecological Networks and Greenways: Concept, design, implementation" Rob Jongman and Gloria Pungetti, Editors. Cambridge University Press. Chapter 3.
2002. Ahern, Jack, France R., Hough, M, Burley, J, Turner, W. Schmidt, S, Hulse, D, Badenhop, J, Jones, G. "Integrating Ecology Across the Curriculum of Landscape Architecture". In Ecology and Design: Frameworks for Learning, Bart Johnson and Kristina Hill, Eds. Island Press, Washington. pp. 397-413.
1999. Ahern, Jack. "Spatial concepts, planning strategies and future scenarios: a framework method for integrating landscape ecology and landscape planning" in: Landscape Ecological Analysis: Issues and Applications, Jeffrey Klopatek and Robert Gardner, Editors, Springer-Verlag Inc. New York. 175-201.
1999. Ahern, Jack. "Integration of Landscape Ecology and Landscape Design: An Evolutionary Process." in Issues in landscape Ecology. Editors, John A. Weins, and Michael R. Moss. International Association for Landscape Ecology, Guelph, Ontario, Canada. Pp. 119-123.
1997. Ahern Jack. "At the Crossroads, sustainable future or urban sprawl?" In Environmental Challenges in an Expanding Urban World and the Role of Information Technologies. João Reis Machado and Jack Ahern, editors, Centro Nacional Informacao Geografica, Lisbon, Portugal.
1994. Ahern, Jack. "Greenways as Ecological Networks in Rural Areas". in E.A. Cook and H.N van Lier, Editors: Landscape Planning for Ecological Networks. Elsevier, Amsterdam, pp. 159-178.
1994. Ahern, Jack and Jestena Boughton. "Wildflower Meadows as Sustainable Landscapes", in The Ecological City: Preserving and Restoring Urban Biodiversity, R.H. Platt, R. Rowntree, P. Muick editors, University of Massachusetts Press. pp. 172-187.

PROFESSIONAL AND ACADEMIC SERVICE

2007. Accreditation Team Chair, Bachelor's of Landscape Architecture Program, University of Washington, Seattle.
- 2006-2009 Editorial Board, Landscape Ecology Journal.
2006. Accreditation Team Chair, Master's of Landscape Architecture Program, University of Texas, Austin, and Bachelor's of Landscape Architecture Program, University of California, Davis.

2005. Appointed to Editorial Advisory Board of Ecological Engineering Journal, Japan.

2005. Chair, External Review team for Proposed Ph.D. Program in Landscape Architecture, University of Oregon.

2009, 2005, 2000, 1995, 1990 - Accreditation Team Member, Landscape Design Certificate Program, New York Botanical Garden, Bronx, NY

2004. Appointed to Editorial Board of Landscape and Urban Planning Journal.

2004. Accreditation Team Chair, Masters of Landscape Architecture Program, North Carolina State University, Raleigh, NC.

2003, Accreditation Team Member, Masters of Landscape Architecture program, Morgan State University, Baltimore, MD.

2000 - present, Board of Trustees, Conway School of Landscape Design, Conway, Massachusetts.

2000, Mass. Executive Office of Environmental Affairs, Community Preservation Initiative, Advisory Committee

1998 - 2000. National Chair of the U.S. Division of the International Association for Landscape Ecology (US-IALE)

1996. Peer Review of Annual Work Plan, U.S. Environmental Protection Agency - Pacific Northwest Environmental Research Consortium (PNW-ERC). Seattle, Washington, April 10-12.

1991 - 1993. Chair. Open Committee on Landscape and Land Use Planning, American Society of Landscape Architects. Washington, DC.

1991- 1992. Secretary. U.S. Division of the International Association for Landscape Ecology.