

Curriculum Vitae

PETER V. AUGUST

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Education

University of San Diego, San Diego, California (1969-1974), B.S. Biology

Texas Tech University, Lubbock, Texas (1974-1976), M.S. Zoology

Boston University, Boston, Massachusetts (1978-1981), Ph.D. Biology

Professional Experience

2020-Present: Professor Emeritus of Natural Resources Science

2009-2020: Co-Director (with Arthur Gold), Masters of Environmental Science and Management Graduate Program, URI College of the Environment and Life Sciences

1995-Present: Professor, Department of Natural Resources Science, University of Rhode Island; duties include directing the Environmental Data Center, teaching, research, and service.

2000-2009: Director, The Coastal Institute, University of Rhode Island; duties include developing and directing the URI Coastal Institute, a multidisciplinary research center for advancing knowledge of coastal ecosystems and their sustainable use.

1996-1998: Chairman, Department of Natural Resources Science, University of Rhode Island; duties include administering the academic, research, and outreach programs for a department of 10 tenure-line faculty, 30 graduate students, and 270 undergraduate majors.

1989-1995: Associate Professor, Department of Natural Resources Science, University of Rhode Island; duties include directing the Environmental Data Center, teaching, research, and service.

1985-1989: Assistant Professor (Research), Department of Natural Resources Science, University of Rhode Island; duties include establishing and operating a Geographic Information System for the State of Rhode Island.

1981-1984: Assistant Professor, Department of Zoology, University of Rhode Island; duties included teaching Vertebrate Biology, Human Physiology, Conservation Biology, and graduate seminars.

1978-1981: Teaching Fellow, Boston University; duties included teaching laboratory sections in Human Physiology, Vertebrate Zoology, and General Ecology.

1976-1978: Smithsonian Institution Research Fellow, Dr. J. F. Eisenberg (Project leader); University of Florida; duties included conducting field research on ecology and behavior of small mammals in Venezuela.

Professional Societies

American Association for the Advancement of Science, American Society of Mammalogists, American Society for Photogrammetry and Remote Sensing, Society for Conservation GIS, International Association of Landscape Ecologists

Professional Appointments & Awards

2019-present: Board of Directors, The Watch Hill Conservancy
2019-2024: Secretary, The Wood-Pawcatuck Wild and Scenic Rivers Stewardship Council
2019: EPA Region I Environmental Merit Award
2015-2019: Chair (appointed by Governor Raimondo), Science and Technical Advisory Board for the Executive Climate Change Coordinating Council
2014: Distinguished Service Award, U.S. Chapter of the International Association for Landscape Ecologists
2013: Scholarly Excellence Award, University of Rhode Island
2012-present: Chair, Science Advisory Committee, Napatree Point Conservation Area
2011: Marc J. Hershman Award for Mentoring, Joint Ocean Commission Initiative
2011: University of Rhode Island Teaching Fellow
2010: NASA/MSU Mentoring Award, U.S. Chapter of the International Association for Landscape Ecology
2008: Alfred L. Hawkes Award for Excellence in Natural Resource Conservation and Management, RI Department of Environmental Management
2007-2018: Trustee and Vice-President, Wood-Pawcatuck Watershed Association
2003-2006: Chair Elect, U.S. Chapter of the International Association of Landscape Ecologists
1998-2018: Board of Trustees, The Nature Conservancy, Rhode Island
1998-2001: Councilor at Large, U.S. Chapter of the International Association of Landscape Ecologists
1993-present: Executive Board, Rhode Island Natural History Survey
1993-1997: President Elect, Rhode Island Natural History Survey
1988-1992: Northeastern ARC/INFO Users Group Executive Committee
1988-1990: Chairperson, Northeastern ARC/INFO Users Group
1987-1991: Narragansett Bay Project Data Base Management Advisory Committee
1987-1991: Editor for Reviews, Bat Research News
1987-1988: Executive Board, RI Branch of National Cartographic Information Center, USGS
1986-1998: Committee on Information Retrieval, American Society of Mammalogists
1985-1995: Research Associate, Smithsonian Institution, National Zoological Park, Conservation and Research Center
1982-1985: Co-Chairman, ad hoc Committee on Ride For Research, American Society of Mammalogists
1975-1986: Committee on Mammal Slide Library, American Society of Mammalogists

Publications (* graduate student or postdoc co-authors)

Books and Book Chapters

August, P., J. Sassi, & D. Cole. In Press. Napatree Point: A Decade of Stewardship. BRG Scientific, Washington DC.

August, P., J. Coit, and D. Gregg. 2014. Stewardship of conserved lands. In Y. Q. Wang (Ed) Encyclopedia of Natural Resources. Taylor and Francis Press, NY

August, P. and J. Yoder. 2010. Preface. In Y. Q. Wang (Ed.). Coastal Remote Sensing. CRC Press.

Zhou, Y.*, Y. Wang, A. Gold, and P. August. 2010. The Effects of Impervious Surface on Hydrology of Coastal Rhode Island Watersheds. In Y. Q. Wang (Ed.). Coastal Remote Sensing. CRC Press.

Boothroyd, J. and P. August. 2007. General Profile and Overview of Narragansett Bay. In Ecosystem-based Management: A Case Study of Narragansett Bay. A. Desbonnet and B. Costa-Pierce, Eds. Springer-Verlag, New York.

Paton, P., L. Gould, P. August, and A. Frost. 2002. The Ecology of Block Island. Rhode Island Natural History Survey Press, Kingston, RI

Rosenzweig, L., R. Duhaime*, A. Mandeville*, and P. August. 2002. An ecological geography of Block Island, Rhode Island. In The Ecology of Block Island. P. Paton, L. Gould, P. August, and A. Frost, Eds., Rhode Island Natural History Survey Press, Kingston, RI

Opaluch, J., P. August, R. Thompson, R. Johnston, and V. Lee. 2002. Linking agent models and controlled laboratory experiments for managing community growth. In Agent-based Models of Land-use and Land-cover Change. Land Use and Cover Change Reports Series 6:98-100.

August, P. V., L. Iverson, J. Nugranad*. 2002. Human Conversion of Terrestrial Habitats. Pages 198-224. In K. J. Gutzwiller (Editor), Applying Landscape Ecology in Biological Conservation. Springer-Verlag, New York.

August, P. V., R. Kenney, and T. Husband. 2001. Mammals. In P. August and R. Enser (Editors), The Vertebrates of Rhode Island. Volume 2, The Biota of Rhode Island. Rhode Island Natural History Survey.

August, P. V., R. W. Enser, and L. L. Gould. 2001. The Vertebrates of Rhode Island. Volume 2, The Biota of Rhode Island. Rhode Island Natural History Survey, Kingston, RI 88 pp.

August, P., M. Hutchinson, J. Barrette*, M. Pilaro, J. Stevens, and D. Geagan. 2000. Greenwich Bay and its Watershed: Spatial Data for Planning and Environmental Management. In Restoring Water Quality in Greenwich Bay: A Whitepaper Series. Rhode Island Sea Grant, Narragansett, RI

August, P.V., C. Baker, C. LaBash, and C. Smith*. 1996. Geographic information systems for the storage and analysis of biodiversity data. In (D. Wilson et al. eds.). Measuring and Monitoring Biological Diversity: Standard Methods for Mammals. Pages 235-246. Smithsonian Institution Press, Washington D.C.

August, P. V., S. Hale, E. Bishop, and E. Sheffer. 1990. GIS and Environmental Disaster Management: The World Prodigy Oil Spill. In Oil Spills: Management and Legislative Implications. M. Spaulding and M. Reed, (Eds.). American Society of Civil Engineers, New York, NY. Reprinted in National Computer Graphic Association, GIS 90, Houston, TX.

- August, P. V. 1984. Population ecology of small mammals in the Llanos of Venezuela. In Contributions in Mammalogy in Honor of Robert L. Packard. Spec. Publ. The Museum, Texas Tech Univ., 22: 71-104.
- Eisenberg, J. F., M. A. O'Connell, and P. V. August. 1979. Density, productivity, and distribution of mammals in two Venezuelan habitats. In Vertebrate Zoology in the Northern Neotropics. Smithsonian Institution Press.
- August, P. V. 1979. Distress calls in *Artibeus jamaicensis*: ecology and evolutionary implications. In Vertebrate Ecology in the Northern Neotropics (J. F. Eisenberg, ed.), Smithsonian Institution Press.
- August, P. V., J. Clarke, H. McGaugh, and R. L. Packard. 1979. Demographic patterns of small mammals, a possible use in impact assessment. In Biological Investigations in the Guadalupe Mountains National Park, Texas (H. H. Genoways and R. J. Baker, eds.). National Park Service Series, Proc. and Trans.

Peer-reviewed Journal Publications (* student authors)

- Rogers, K.*, P. August, P. Paton, and H. Hayes. 2023. Using GPS and UAV to map Common Tern nesting habitat on Great Gull Island. Transactions of the Linnaean Society of New York.
- Addy, K., A. Gold, M. Welsh, P. August, M. Stolt, C. Arango, and P. Groffman. 2019. Connectivity and nitrate uptake potential of intermittent streams in the Northeast USA. Frontiers in Ecology and Evolution.
- Pelletier, M, A. Gold, J. Copeland, L. Gonzales, and P. August. 2019. Landscape structure and land use affect estuarine benthic invertebrates in the Virginian Biogeographic Province, USA. Environ. Monit. Assess., 191: 252.
- Wenlu, Z., M. Cai, D. Adelman, M. Khairy, P. August, and R. Lohmann. 2018. Land-use-based sources and trends of dissolved PBDEs and PAHs in an urbanized watershed using passive polyethylene samplers. Environmental Pollution, 238:573-580.
- Horta de Sousa Vergílioa, M., P. August, H. Calado, and C. Fonseca. 2017. Ecosystem functions at the island scale: a contribution to the design of ecological structure. International Journal of Biodiversity Science, Ecosystem Services & Management, 13:355-379.
- Mayo, T.*, P. Paton, and P. August. 2015. Responses of Birds to Humans at a Coastal Barrier Beach: Napatree Point, Rhode Island. Northeastern Naturalist, 22:501-512.
- Ng, K*, M. R. Phillips, P. Borges, T. Thomas, P. August, H. Calado, and F. Veloso Gomes. 2014. Maintaining a Way of Life for São Miguel Island (the Azores Archipelago, Portugal): An Assessment of Environmental Forcing and Coastal Protection. Science of the Total Environment, 481: 142-156.
- Clark, J*, Y. Wang, and P. August. 2014. Assessing Current and Projected Suitable Habitats for Tree-of-Heaven along the Appalachian Trail. Philosophical Transactions Royal Society London, 369: 20130192.
- Ruddock, K., P. August, C. Damon, C. LaBash, P. Rubinoff, and D. Robadue. 2013. Conservation in the Context of Climate Change: Practical Guidelines for Land Protection at Local Scales. PLoS ONE. 8(11): e80874. doi:10.1371/journal.pone.0080874

- Zhou Y*, Wang Y., Gold A., August P., and Boving T. 2013. Assessing impact of urban impervious surface on watershed hydrology using distributed object-oriented simulation and spatial regression. *Geojournal*, 78(5): (DOI) 10.1007/s10708-013-9506-x
- Murdukhayeva A*, August P., Bradley M., LaBash C., and N. Shaw. 2013. Assessment of Inundation Risk From Sea Level Rise and Storm Surge In Northeastern Coastal National Parks. *Journal of Coastal Research*. <http://www.jcronline.org/doi/pdf/10.2112/JCOASTRES-D-12-00196.1>
- Buffum, W., S. McWilliams, and P. August. 2011. A spatial analysis of forest management and its contribution to maintaining the extent of shrubland habitat in southern New England, United States. *Forest Ecology and Management* 261:1775-1785.
- Stolt, M., M. Bradley, J. Turenne, M. Payne, E. Scherer, G. Cicchetti, E. Shumchenia*, M. Guarinello*, J. King, J. Boothroyd, B. Oakley*, C. Thornber, and P. August. 2011. Mapping Shallow Coastal Ecosystems: A Case Study of a Rhode Island Lagoon. *Journal of Coastal Research*. 27:1-15.
- Kuhn, A. *, J. Copeland, J. Cooley, H. Vogel, K. Taylor, D. Nacci, and P. August. 2011. Modeling habitat associations for the Common Loon (*Gavia immer*) at multiple scales in Northeastern North America. *Avian Conservation and Ecology*. 6:(1) 4. [online] URL: <http://www.ace-eco.org/vol6/iss1/art4/>
- Zhou, Y. *, Y. Q. Wang, A. Gold and P. August. 2010. Modeling watershed rainfall–runoff relations using impervious surface-area data with high spatial resolution. *Hydrogeology Journal*. 18: 1413-1423.
- Kellogg, D., A. Gold, S. Cox*, K. Addy, and P. August. 2010. A Geospatial Approach for Assessing Denitrification Sinks at the Local Level. *Ecological Engineering*. 36:1596-1606.
- August, P., J. Swift, Q Kellogg, G. Page, P. Nelson, J. Opaluch, S. Cobb, C. Foster, and A. Gold. 2010. T Competency: A Simple Metric for Measuring Multidisciplinarity. *Journal of Natural Resource and Life Science Education*. 39:15-21
- Vigness-Raposa, K. *, R. Kenney, L. Gonzales, and P. August. 2010. Spatial patterns of humpback whale (*Megaptera novaeangliae*) sightings and survey effort: Insight into North Atlantic population structure. *Marine Mammal Science*. 26:161-175.
- Anthony, A. *, J. Atwood*, P. August, C. Byron*, S. Cobb, C. Foster, C. Fry, A. Gold, K. Hagos*, L. Heffner*, Q. Kellogg, K. Lellis*, J. Opaluch, C. Oviatt, A. Pfeiffer-Herbert*, N. Rohr*, L. Smith*, T. Smythe*, J. Swift, and N. Vinhateiro*. 2009. Coastal lagoons and climate change: Ecological and social ramifications in temperate ecosystems. *Ecology and Society*, 14:8-19.
- Hollister, J.*, P. August, J. Paul, and H. Walker. 2008. Predicting Estuarine Sediment Metal Concentrations and Inferred Ecological Conditions: An InformationTheoretic Approach. *Journal of Environmental Quality*, 37:234-244.
- Hollister, J.*, P. August and J. Paul. 2008. Effects of Scale on Landscape Structure and Sediment Metal Concentration Relationships in Small Estuarine Systems of the United States' Atlantic Coast. *Landscape Ecology*, 23: 91-106.
- Vacher, K.*, Killingbeck, and P. August. 2007. Is The Relative Abundance of Nonnative Species an Integrated Measure of Anthropogenic Disturbance? *Landscape Ecology*, 22: 821-835
- Rodriguez, W.*, P. August, Y. Wang , J. Paul, A. Gold, and N. Rubinstein. 2007. Empirical Relationships between Land Use/Cover and Estuarine Condition in the Northeastern United States. *Landscape Ecology*, 22:403–417.

- Yang, J*. Y. Wang, and P. August. 2004. Estimation of Land Surface Temperature Using Spatial Interpolation and Satellite-Derived Surface Emissivity. *Journal of Environmental Informatics*, 4:37-44.
- Hollister, J.*, J. Paul, P. August, J. Copeland, and L. Gonzales. 2004. Assessing the Accuracy of the National Land Cover Dataset at Multiple Spatial Extents. *Photogrammetric Engineering and Remote Sensing*, 70:405-414
- Paul, J., J. Copeland, M. Charpentier, P. August, and J. Hollister*. 2003. Overview of GIS Applications in Estuarine Monitoring and Assessment Research. *Marine Geodesy*, 26:63-72.
- Barrette, J.*, P. August, and F. Golet. 2000. Accuracy assessment of wetland boundary delineation using aerial photography and digital orthophotography. *Photogrammetric Engineering and Remote Sensing*, 66:409-416.
- Andrew, N.*, V. Bleich, and P. August. 1999. Habitat selection by mountain sheep in the Sonoran Desert: Implications for conservation in the United States and Mexico. *California Wildlife Conservation Bulletin* 12:1-33.
- Nichols, W. *, K. T. Killingbeck, and P. V. August. 1998. The influence of geomorphological heterogeneity on biodiversity: II. A landscape perspective. *Conservation Biology*, 12:371-379.
- Burnett, M. B*, P. August, J. Brown, and K. T. Killingbeck. 1998. The influence of geomorphological heterogeneity on biodiversity: I. A patch-scale perspective. *Conservation Biology*, 12:363-370.
- Andrew, N.*, V. Bleich, P. August, and S. Torres. 1997. Demography of desert-dwelling mountain sheep in the East Chocolate Mountains, Imperial County, California. *California Fish & Game*, 83:68-77.
- Duhaime, R. *, P. August, and W. Wright. 1997. Automated vegetation mapping using digital orthophotography. *Photogrammetric Engineering & Remote Sensing*, 63:1295-1302.
- Comeleo, R. *, J. Paul, P. August, J. Copeland, C. Baker, S. Hale, and R. Latimer. 1996. Relationships between watershed stressors and sediment contamination in Chesapeake Bay estuaries. *Landscape Ecology*, 11:307-319.
- August, P.V. 1995. High technology meets ecosystem management -- Review of Remote sensing and GIS in ecosystem management. *Conservation Biology* 9:
- Lombard, A.T. *, A. O. Nicholls, and P. August. 1995. Where should nature reserves be located in South Africa? A snake's perspective. *Conservation Biology*, 9:363-372.
- Li, Q., D. Tufts, R. Duhaime*, and P. August. 1994. Fast training algorithms for large data sets with application to classification of three-color images. *IEEE Proceedings, Signals, Systems, and Computers*, Asilomar, CA
- August, P.V., J. Michaud*, C. LaBash, and C. Smith*. 1994. GPS for environmental applications: Accuracy and precision of positional data. *Photogrammetric Engineering & Remote Sensing*, 60:41-45.
- Bleich, V., M. C. Nicholson*, A. T. Lombard*, and P. August. 1992. Preliminary tests of a mountain sheep model using a geographic information system. *Transactions of the Biennial Symposium on North American Wild Sheep and Goat Council*, 8:256-263.
- Lombard, A. T. *, P. V. August, and W. R. Siegfried. 1992. A GIS for assessing the optimal dispersion of protected areas in South Africa. *South African Journal of Science*, 88:136-140.

- Groffman, P., W. Wright, A. Gold, P. August, and C. McKiel. 1991. A Curriculum in soils and water resources for Natural Resources Science. *Journal of Agronomic Education*, 20:162-165.
- Gold, A., S. Tso*, P. V. August, and W. Wright. 1989. Aquifer delineation using soil surveys. *Jour. Soil and Water Conservation*, 44:232-234.
- August, P. V., S. G. Ayvazian*, and J.G.T. Anderson*. 1989 Magnetic orientation in a small mammal: *Peromyscus leucopus*. *Journal of Mammalogy*, 70:1-9.
- August, P. V. and J. G. T. Anderson*. 1987. Motivation-structural rules and mammal calls: A test of the hypothesis. *Journal of Mammalogy*, 68: 1-10.
- August P. V. 1985. Acoustical properties of the distress calls of *Artibeus jamaicensis*. *Southwestern Natur.*, 30: 371-375.
- August, P. V. and T. H. Fleming. 1984. Competition in Neotropical small mammals. *Acta Zool. Fennica*, 172: 33-36.
- Kunz, T. H., P. V. August, and C. D. Burnett. 1983. Harem social organization in a cave population of *Artibeus jamaicensis* (Chiroptera: Phyllostomidae). *Biotropica*, 15: 133-138.
- August, P. V. 1983. The effects of habitat complexity and heterogeneity in structuring tropical mammal communities. *Ecology*, 64: 1495-1507.
- August, P. V. and R. J. Baker. 1982. Observations on the reproductive ecology of some Neotropical bats. *Mammalia*, 46: 177-181.
- Burnett, C. D. and P. V. August. 1981. Time-energy budgets of day-roosting in a maternity colony of the little brown bat (*Myotis lucifugus*). *Jour. Mammal.*, 60: 758-766.
- Primack, R. B., A. R. Rittenhouse, and P. V. August. 1981. Components of reproductive effort and yield in goldenrods. *Amer. Jour. Botany*, 68: 855-858.
- August, P. V. 1981. Fig fruit production and seed dispersal by *Artibeus jamaicensis* in the Llanos of Venezuela. *Biotropica*, 13: 70-76.
- Baker, R. J., P. V. August, and A. A. Steuter. 1978. *Erophylla sezekorni*. *Mammalian Species*, 115: 1-5.
- August, P. V. 1978. Scent communication in the southern plains woodrat, *Neotoma micropus*. *Amer. Midl. Natur.*, 99: 206-218.
- August, P. V. and R. E. Dingman. 1973. Two additional records of *Tadarida macrotis* and *Euderma maculatum* from San Diego, California. *Bulletin of the Southern California Academy of Science*, 72: 165-166.

Conference Proceedings, Technical Reports, and Popular Publications

- August, P., J. Sassi, & L Craver-Rogers. 2015. Camera Trap Reconnaissance of Wildlife in the Napatree Point Conservation Area: 2014-2015 Sampling. In *State of Napatree Report: 2015*. pages 65-73. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)
- Leeson, H., J. Romero, J. Sassi, & P. August. 2015. Native Vegetation Restoration and Invasive Plant Control in the Napatree Point Conservation Area. In *State of Napatree Report: 2015*. pages 74-86. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)
- Rohr, N., P. August, & J. Sassi. 2015. An Ecological Reconnaissance of the Napatree Lagoon: Fish and Water Quality. In *State of Napatree Report: 2015*. pages 87-102. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)

- Cressman, J., J. Sassi, K. Killingbeck, and P. August. 2015. Assessing Shrubland Dynamics on Napatree Point, Watch Hill, RI. In State of Napatree Report: 2015. pages 113-121. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)
- Sassi, J. & P. August. 2015. Notable News and Sightings of Fauna and Flora at Napatree Point in 2015. In State of Napatree Report: 2015. pages 122-128. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)
- Rohr, N., J. Turenne, M. Bradley, P. August & J. Sassi. 2014. An Ecological Reconnaissance of the Napatree Lagoon: Physical Properties. In State of Napatree Report: 2014. pages 71-78. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)
- Leeson, H., S. Ruhren, D. Gregg, J. Sassi, P. August, J. Killian & J. Cressman. 2014. Native Vegetation Restoration and Invasive Plant Control in the Napatree Conservation Area, Summer and Fall 2014. In State of Napatree Report: 2014. pages 63-70. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)
- August, P., J. Sassi, & J. Cressman. 2014. Camera Trap Reconnaissance of Wildlife in the Napatree Point Conservation Area: 2013-2014 Sampling. In State of Napatree Report: 2014. pages 51-62. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)
- August, P. and J. Sassi. 2014. Camera Trap Reconnaissance of Wildlife in the Fort Mansfield Shrublands: Winter/Spring Sampling, 2013. In State of Napatree Report: 2013. Janice Sassi, Editor. Watch Hill Conservancy. (www.tinyurl.com/napatreepoint)
- Murdukhayeva, A. *, M. Bradley, N. Shaw, C. LaBash, H. Grybas*, T. Davis*, P. August, T. Smith, and R. Duhaime. 2011. Using High Accuracy Geodesy to Assess Risk from Climate Change in Coastal National Parks. In Rethinking Protected Areas in a Changing World. The Proceedings of the George Wright Society, U.S. National Park Service, p 252-259.
- Damon, C., M. Christiano*, and P. August. 2006. NarrBay.org: A Digital Gateway to Data and Information on Narragansett Bay. 41 Degrees North (RI Sea Grant Publications), 3:15.
- Allen, J., C. LaBash, P. August, and N. Psuty. 2002. Historical and Recent Shoreline Changes, Impacts of Moriches Inlet, and Relevance to Island Breaching at Fire Island National Seashore. National Park Service Technical Report NPS/BSO RNR/NRTR/2002-7.
- August, P. V. 2001. The human dimensions of GIS. *Maritimes*, 43:1-2.
- August, P. V. 1999. Why Watersheds? *Maritimes* 41:1-2.
- August, P. and C. LaBash. 1999. The Environmental Data Center. Rhode Island Natural History Survey Newsletter.
- August, P., N. Cofer-Shabica*, C. Collins, A. McCann*, and A. Mandeville*. 1998. Environmental Geography of South Kingstown, Rhode Island. Natural Resource Facts 98-2, University of Rhode Island Cooperative Extension, Kingston, RI
- LaBash, C., R. Duhaime*, and P. August. 1997. Global positioning systems in Rhode Island. Natural Resources Facts 97-1, University of Rhode Island Cooperative Extension, 12 pp.
- Collins, C. and P. August. 1997. GIS supports grass roots conservation: The South Kingstown Land Trust. *Arc News*, 18(4):23.
- Jamilla, S. * and P. August. 1996. Incorporating digital imagery into a GIS. *GIS World*, 9:50-51
- McLaran, S. P. August, L Carraway, P. Cato, W. Gannon, M. Lawrence, N. Slade, P. Sudman, R. Thorington, S. Williams, and S. Woodward. 1996. Documentation Standards for Automatic Data Processing in Mammalogy. Version 2.0, American Society of Mammalogists.

- August, P.V. and C. LaBash. 1996. Establishing data management and analysis strategies using a Geographic Information System (GIS) for coastal parks. National Park Service Technical Report NPS/NESO-RNR/NRTR/96-12.
- August, P. V. 1996. GIS in Coastal Zone Management. *Maritimes*, 38:13-15.
- August, P. V. , A. McCann*, and C. LaBash. 1995. Geographic Information Systems in Rhode Island. RI Cooperative Extension Fact Sheet 95-1: 1-12.
- McAnn, A. *, L. Joubert, A. Gold, C. LaBash, P. August, and R Puffer*. 1994. Using a geographic information system (GIS) as a management tool by municipalities for water resource protection. In *Proceedings of the Symposium on Effects of Human Induced Changes on Hydrologic Systems*, American Water Resources Association, Jackson Hole, Wyoming. pp 55-64.
- Copeland, Jane*, C. Smith, S. Hale, P. August, and R. Latimer. 1994. EPA Program Monitors U.S. Coastal Environments. *GIS World*, 7(8): 44-47.
- August, P.V. and C. Convis. 1994. Biological conservation and GIS discussion group: CONSGIS. *Greendisk Environmental Journal*.
- August, P. V. 1993. GIS in Mammalogy: Building a database. In (S. McLaren and J. Braun, eds.), *Applications of GIS in Mammalogy*. University of Oklahoma Press.
- August, P.V. and M. MacDougall. 1992. Technical requirements of land use and land cover data for New England States. In *Forum on Land Use and Land Cover: Summary Report*. United States Geological Survey, Reston, VA.
- Hurd, J., D. Civco, C. LaBash, and P. August. 1992. Coastal wetland mapping and change detection in the northeastern United States. *Proceedings of the American Society for Photogrammetry and Remote Sensing - American Congress for Surveying and Mapping Conference*, Washington D.C. 130-139.
- August, P.V. 1992. Environmental data in Rhode Island: Access, integration, and coordination. (Abstract) *Proceedings of the Symposium on Science and the Narragansett Bay Project CCMP*, URI Graduate School of Oceanography, Narragansett, Rhode Island.
- Havan, M. *, P. August, and V. Ghahraman. 1992. Using GIS to correlate soil characteristics and building damage statistics due to an earthquake. *Proceedings of the International Symposium on GIS and Remote Sensing*, Bangkok, Thailand.
- MacLachlan, A. M. Havan-Orumieh*, P. August, and W. Wright. 1991. A model to rank landscape data for site selection: A case study for landfills. In *Proceedings of the Environmental Systems Research Institute Users Conference*, Palm Springs, CA.
- LaBash, C. and P. August. 1991. Will it fit: Disk space needs of commonly used file exchange formats. In *Proceedings of the Environmental Systems Research Institute Users Conference*, Palm Springs, CA.
- August, P.V. 1991. Use vs. abuse of GIS data. *URISA Journal*. 3:99-101.
- August, P.V. 1990. "America's Neighborhood Bat's" (Book Review). *Bat Research News*.
- MacLachlan, A. M. Havan-Orumieh*, P. August, and W. Wright. 1990. Minimizing the impacts of a solid waste facility by choosing the best site. In *Proceedings of the Environmental Systems Research Institute Users Conference*, Palm Springs, CA. Reprinted in *National Computer Graphic Association, GIS 90*, Houston, TX.

- August, P., C. L. LaBash, and L. Thompson. 1990. Map Registration in an imperfect world: Forays away from the USGS quad series. In Proceedings of the Environmental Systems Research Institute Users Conference, Palm Springs, CA
- Baker, C. *, E. Panciera, and P. August. 1990. Groundwater protection and the Rhode Island Geographic Information System. In Proceedings of the Environmental Systems Research Institute Users Conference, Palm Springs, CA. Reprinted in National Computer Graphic Association, GIS 90, Houston, TX.
- McCann, A. *, J. Lemunyon, L. Thompson, and P. August. 1990. A geographic information system study of Block Island soils. Proceedings of the Environmental Expo, Longwood Environmental Management, Boston, MA, 254-272.
- August, P. 1989. The Role of the RIGIS in Water Quality Management. Proceedings of the RI Agricultural Conservation District Symposium on Water Quality, Southern RI Conservation District, US Department of Agriculture.
- McLaren, S.B., et al. 1989. Survey report on computerized information retrieval in mammal collections of North America. Committee on Information Retrieval, American Society of Mammalogists, 29 pp.
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