
DENNIS E. SKIDDS

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EDUCATION:

M.S. Environmental Sciences: Wetland Ecology
University of Rhode Island, Kingston, RI 2003

M.Ed. Counseling and Human Development
St. Lawrence University, Canton, NY 1997

B.A. Philosophy and Psychology, *Magna cum laude*
Phi Beta Kappa, Sigma Xi Honor Societies
Brown University, Providence, RI 1995

PROFESSIONAL EXPERIENCE:

Biologist – Data Manager, NPS, Northeast Coastal & Barrier Inventory and Monitoring Network. 3/2007-present.

- Coordinate GIS and data management activities for ecological inventory and monitoring projects conducted at eight coastal parks, including data collection, review, documentation, and distribution.
- Work closely as a team with Network / park staff and cooperators in many aspects of monitoring program development and implementation (including sampling design, database development and management, field data collection, and data analysis).
- Perform data analysis (spatial and non-spatial) in support of long-term-ecosystem monitoring and research efforts. Experience in use of multiple data analysis platforms (R, SAS, SPSS, ArcGIS Spatial Analyst).
- Design and implement strategies for the long-term storage, security, and retrieval of Network data.
- Plan, conduct functional analysis for, develop, and maintain GIS resources and relational databases (Microsoft Access, SQL Server) used in the implementation of the network's monitoring protocols and resource inventories.
- Coordinate and conduct GIS and GPS/GNSS data-collection training for NCBN project leads and field staff. Provide technical support to field staff and supervise data management interns and technicians.
- Establish, maintain, and monitor quality assurance and quality control procedures for all data products and programs (including metadata creation for all spatial and tabular datasets) to ensure data quality and usability.
- Promote sound and innovative communication and data dissemination practices with park staff, cooperators, and the public. Ensure that all project reports and data deliverables are properly documented and made available via national databases and repositories (e.g., NPS IRMA Data Store, SeagrassNet, STORET).
- Coordinate Network IT operations. Prepare Network IT Spend Plans. Maintain data server infrastructure, local area network, and web applications (including ArcGIS Server and ArcGIS Online).
- Coordinate data management interns, temporary technicians.
- Serve on Network Technical Steering Committees (Estuarine Nutrient Enrichment Monitoring, Coastal Geology Monitoring).
- Appointed as Inventory and Monitoring Program representative to the NPS GIS Council (2011-2014). Member GISC GNSS Position and Navigation Subcommittee (2013-present).
- Regularly serve on working groups dealing with metadata best practices and other topics for the IMD Long-term Data Management (LTDM) Governance Board.
- Present regularly on GIS, data management, and resource management topics at regional and national conferences. Frequently sought to provide technical guidance and develop recommendations for regional, national, and park NPS staff. Assist NPS and other federal agency staff with development of standard operating procedures, as well as plan and implement training events.
- Author and contribute to journal articles, scientific reports, standard operating procedures (SOPs), and user guides concerning spatial and non-spatial data collection and management for Network monitoring programs. Regularly contribute to the writing of annual administrative reports.
- Coordinated the Network's ocean shoreline change monitoring program and served as the lead for the Shoreline Position Change / Coastal Topography Monitoring Technical Steering Committee.
- Develop and maintain partnerships between NCBN staff and other entities implementing the Network's monitoring protocols (e.g., Northeast Regional FWS Refuge staff, SECN, GULN, and other I&M Networks).

- implementing coastal geomorphological monitoring protocols).
- Serve as Subject Matter Expert for in evaluating candidates for GIS positions.

Acting GIS Program Manager, National Park Service (NPS) Region 1, Kingston, RI. 5/2021 – 9/2021; 3/2023 – 7/2023.

- Chaired the Regional GIS Steering Committee tasked with evaluating the status of the GIS Program, making recommendations to senior leadership concerning changes to the program structure, and implementing solutions to emerging problems.
- Instituted new assistance-request and project tracking procedures, including an email “help desk, to efficiently and transparently meet the GIS needs of parks and programs in Region 1.
- Enhanced communication within a large GIS user community possessing varying levels of expertise by establishing Microsoft Teams sites and monthly virtual GIS users’ meetings.
- Served on the NPS GIS Council and promoted the implementation of applicable national geospatial standards and policies in Region 1 parks and programs.
- Supervised university cooperators assisting with GIS program projects and initiatives.
- Coordinated the installation of high-accuracy GNSS base-station receivers at several parks as part of the NPS’ initiative to establish an NTRIP correction network.

Acting National Data Scientist, NPS Inventory and Monitoring Division (IMD), Ft. Collins, CO. 12/2020 – 3/2021.

- Contributed to the development of policy and guidance to advance IMD’s long-term data science vision.
- Evaluated IMD data science training needs and researched available resources; planned annual IMD Data Manager training.
- Served on the Implementation Working Group of the IMD Long-term Data Management Governance Board.
- Developed policy and guidance on how the IMD Central Office handles network IT projects.

Acting National Data Manager, NPS IMD, Ft Collins, CO. 8/2019 – 11/2019.

- Acted as a liaison between the IMD Central Office and the larger IMD Data Manager community, planning and facilitating monthly Data Manager “Fireside Chat” meetings.
- Contributed to multiple working groups as part of an effort to update IMD’s long-term data management processes and infrastructure.
- Served as a functional analyst on a variety of park and network database and IT projects.

Instructor, Department of Natural Resources Science, University of Rhode Island. 2011-2020.

Taught a graduate-level course, Advanced Spatial Analysis: GPS/GNSS Data Acquisition and Processing in Support of Resource Management. Instructed students in the theory and practical uses of GPS/GNSS technology to collect high-accuracy data in support of natural and cultural resource management.

Research Associate / GIS Specialist, Environmental Data Center, University of Rhode Island. 1/03-3/07.

Participated in a wide array of GIS-related tasks for resource management projects, primarily working with government and academic research clients. Designed and implemented procedures for mapping, creating metadata for, and performing QA/QC on spatial data from biological inventories. Developed databases and assisted in monitoring-protocol development, review, and implementation. Created and maintained websites for a variety of organizations. Conducted field research, analyzed data, and prepared reports for a variety of wetland ecology studies.

Graduate Research Assistant, Wetland Ecology Laboratory, URI Dept. of Natural Resources Science. 7/00-12/02.

Conducted research on the hydrology and ecology of seasonal ponds, a critical breeding habitat for vulnerable amphibian species. Assisted in project design. Utilized GPS and other technologies to collect field data on hydrology, vegetation, soils, water chemistry, and other parameters. Utilized GIS software (ESRI ArcGIS, MapINFO) to assess seasonal pond distribution and geologic context. Performed data analysis using SPSS, SAS, and other statistical software packages. Prepared several successful grant proposals. Published reports and peer-reviewed scientific articles related to the project and presented findings at local and regional conferences. Supervised a large team of undergraduate assistants and mentored several URI Coastal Fellows.

PROFESSIONAL ACTIVITIES / CERTIFICATIONS:

- Certified Geographic Information Systems Professional (GISP), 2009-present.

- Northeast Arc User Group, 2003-present.
- Senior Fellow, University of Rhode Island Coastal Institute, 2014-present.
- Support Scientist, RI Dept. of Environmental Management's Scientific Support for Environmental Emergency Response (SSEER). 2012-present.
- Board of Directors, Rhode Island Natural History Survey, 2016-present (member 2005-present).

SELECTED PUBLICATIONS AND TECHNICAL REPORTS:

- Psuty NP, Duffy M, Skidds DE, Silveira TM, Habeck A, Ames K, Liu G. 2022. Northeast Coastal and Barrier Network Geomorphological Monitoring Protocol: Part I—Ocean Shoreline Position, Version 2. Natural Resource Report. NPS/NCBN/NRR—2022/2415. National Park Service. Fort Collins, Colorado. <https://doi.org/10.36967/2293713>
- Cahoon, D.R., Lynch, J.C., Roman, C.T., Schmit, J.P., and Skidds, D.E. 2019. Evaluating the Relationship Among Wetland Vertical Development, Elevation Capital, Sea-Level Rise, and Tidal Marsh Sustainability. *Estuaries and Coasts* 42(1):1-15.
- Nagel, J.L., H.A. Neckles, G.R. Guntenspergen, E.N. Rocks, D.R. Schoolmaster Jr., J.B. Grace, D. Skidds, and S. Stevens. 2018. Development of a Multimetric Index for Integrated Assessment of Salt Marsh Ecosystem Condition. *Estuaries and Coasts*, 41(2):334-338.
- Amburgey, S. M., D. A. W. Miller, E. H. C. Grant, T. A. G. Rittenhouse, M. F. Benard, J. L. Richardson, M. C. Urban, W. Hughson, A. B. Brand, C. J. Davis, C. R. Hardin, P. W. C. Paton, C. J. Raithel, R. A. Relyea, A. F. Scott, D. K. Skelly, D. E. Skidds, C. K. Smith and E. E. Werner, 2018. Range position and climate sensitivity: the structure of among-population demographic responses to climatic variation. *Global Change Biology* 24(1):439-454.
- Psuty, N. P., T. M. Silveira, A. J. Spahn, and D. Skidds. 2012. Northeast Coastal and Barrier Network geomorphological monitoring protocol: Part II - coastal topography. Natural Resource Report NPS/NCBN/NRR—2012/591. National Park Service, Fort Collins, Colorado.
- Skidds, D.E., N.P. Psuty, and S.M. Stevens, 2012. Shifting Sands: Monitoring Shoreline Change in Northeastern Coastal Parks. Science & Management. National Park Service Northeast Region, Philadelphia, PA.
- Psuty, N. P., M. Duffy, J. F. Pace, D. E. Skidds, and T. M. Silveira, 2010. Northeast Coastal and Barrier Network geomorphological monitoring protocol: Part I—ocean shoreline position. Natural Resource Report NPS/NCBN/NRR —2010/185. National Park Service, Fort Collins, Colorado.
- Skidds, D.E., F.C. Golet, P.W.C. Paton, and J.C. Mitchell, 2007. Habitat Correlates of Reproductive Effort in Wood Frogs and Spotted Salamanders in an Urbanizing Watershed. *Journal of Herpetology* 41(3):439-450.
- Mitchell, J. C., F. C. Golet, D. E. Skidds, and P. W. C. Paton, 2007. Prioritizing Protection of Vernal Pools in the Queen's River Watershed, Rhode Island. Submitted to the U. S. Environmental Protection Agency, Region 1 and R.I. Department of Environmental Management, Office of Water Resources.
- Skidds, D.E., Y. Jiang, D.M. Bauer, P.W.C. Paton, S.K. Swallow, A.B. Mercer, R. J. Duhaime, and C.L. LaBash, 2006. Applying Economic and Ecological Principles to Identify Vernal Pool Conservation Reserves in the Pawcatuck River Watershed of Southern Rhode Island *in* ESRI Map Book, Vol. 21. Environmental Systems Research Institute Press, Redlands, CA.
- Skidds, D.E., and F.C. Golet, 2005. Estimating hydroperiod suitability for breeding amphibians in southern Rhode Island seasonal woodland ponds. *Wetlands Ecology and Management* 13:349-366.
- Skidds, D.E., 2005. Summary of Biological Inventories for Sagamore Hill National Historic Site. Submitted to the National Park Service.
- Berthiaume, J., R. J. Duhaime, D. E. Skidds, and N. Shaw. 2005. CAD to GIS: A Step-By-Step Guide to Converting .dwg CAD Files to GIS Shapefiles Using AutoCAD and ArcGIS. National Park Service, Northeast Region GIS, Boston, MA.
- Bauer, D.M., Y. Jiang, S.K. Swallow, P.W.C. Paton, and D. Skidds. 2004. Applying Economic and Ecological Principles to Identify Conservation Reserves for Vernal Pools with Residential Development. *Proceedings of Valuation of Ecological Benefits: Improving Science Behind Policy Decisions*, workshop sponsored by the U.S. Environmental Protection Agency's National Center for Environmental Economics and National Center for

Environmental Research, Washington, D.C., October 26-27.

Skidds, D.E., 2004. A Standard Operating Procedure (SOP) for Using the Garmin V GPS Unit for Inventory and Monitoring Data Collection. Submitted to the National Park Service.

Skidds, D.E., 2004. A Protocol for Converting Computer Aided Drafting (CAD) Files to GeoDatabase Format. Submitted to the National Park Service.

Skidds, D.E., 2003. Estimating the Hydroperiod of Seasonal Ponds: Assessing Amphibian Breeding Habitat Suitability. *Rhode Island Naturalist* 10(2):5-7.

Skidds, D.E., 2003. A Protocol for Assembling Spatial Datasets and Performing QA/QC on Herpetological Surveys in Northeastern National Parks. Submitted to the National Park Service.

Skidds, D.E., and F. C. Golet, 2003. Rapid Assessment of Hydroperiod in Seasonal Ponds of the Pawcatuck River Watershed. Submitted to the Rhode Island Field Office of The Nature Conservancy.

Skidds, D.E., and P. W. C. Paton. 2003. Refining the Guidelines for Protecting Vernal Pools: Physical Parameters of Wetlands Used by Pond Breeding Amphibians. Submitted to the U. S. Environmental Protection Agency.

Skidds, D.E., and F. C. Golet, 2002. Predictors of Hydroperiod in Southern Rhode Island Vernal Pools. Submitted to the Rhode Island Field Office of The Nature Conservancy.

Skidds, D.E., 1998. Effects of Overstory reduction and Soil Type on Leaf Moisture Levels in a Piñon-Juniper Woodland Restoration Project. Submitted to the Office of Natural Resources, Bandelier National Monument (NPS), Los Alamos, NM.

SELECTED PRESENTED PAPERS / POSTERS:

Skidds, D.E. 2022. Long-term Monitoring of Shoreline Position Change at George Washington Birthplace National Monument. Climate Change Vulnerability Assessment workshop, George Washington Birthplace National Monument and Thomas Stone National Historic Site. March 23, 2022.

Skidds, D.E. 2018. GPS/GNSS Fundamentals and Field Mapping for Resource Management. Training workshop, George Washington Birthplace National Monument and Thomas Stone National Historic Site. July 2, 2018.

Skidds, D.E. 2017. Climate Change Impacts at George Washington Birthplace National Monument and Thomas Stone National Historic Site: Northeast Coastal Barrier Network Potomac River Erosion Study, context and status. Climate Friendly Parks workshop, George Washington Birthplace National Monument and Thomas Stone National Historic Site. October 11, 2017.

Skidds, D.E., 2016. GIS in emergency preparedness and response: Lessons learned from Hurricane Sandy. Annual Scientific Support for Environmental Emergency Response (SSEER) Workshop, Narragansett, RI.

Psuty, N. P., W.J. Schmelz, T. M. Silveira, A. J. Spahn, K. Ames, D. Skidds, and J. Greenberg. 2016. Coastal Geomorphological Monitoring in Federal Holdings as a Contribution to a Regional Geodatabase. Geological Society of America Annual Meeting, Denver, Colorado.

Skidds, D.E., H. A. Neckles, G. R. Guntenspergen, J. L. Nagel, E. Nicosia, D. R. Schoolmaster, S. Stevens, and J. B. Grace, 2015. Use of GIS in the Development of a Multimetric Index (MMI) for Integrated Assessment of Salt Marsh Condition in Northeastern Coastal National Parks. Annual Northeast Arc Users Group Conference, Burlington, VT.

Neckles, H.A., G. Guntenspergen, J. Nagel, E. Nicosia, D. Skidds, D. R. Schoolmaster, and J. B. Grace. 2015. A Multimetric Index for Integrated Assessment of Salt Marsh Ecosystem Condition. 23rd Biennial Conference of the Coastal and Estuarine Research Federation, Portland, OR.

Skidds, D.E. 2015. Streamlining GIS workflows with quick and easy ArcGIS Online mapping solutions. NPS I&M Data Managers Conference, May 4-7, 2015, Ft. Collins, CO.

Amburgey, S.M., Benard, M.F., Davis, C.J., Grant, E.H.C., Hughson, W., Paton, P.W.C., Raithel, C.J., Relyea, R.A., Richardson, J.L., Rittenhouse, T.A.G., Skelly, D.K., Skidds, D.E., Urban, M.C., Werner, E.E., Miller, D.A.W. 2015. Predicting within range variation in responses of wood frogs to annual variation in weather using integrated population models. Ecological Society of America Annual Meeting, Aug. 9-14, 2015, Baltimore, MD.

- Skidds, D.E. 2014. Management of pre- and post-Hurricane Sandy geospatial data: Creating an emergency data preparedness and response system. NPS I&M Data Managers Conference, April 7-11, 2014, Ft. Collins, CO.
- Skidds, D.E., N.P. Psuty, T. Silveira, and A. Love, 2014. Long-term Monitoring of Ocean Shoreline Position Change at Fire Island National Seashore. Fire Island National Seashore Biennial Science Conference, Patchogue, NY.
- Rasmussen, S., Neil, A., Bradley, M., Labash, C., August, P., Stevens, S., Skidds, D., 2014, The National Park Service's Use of Geodesy and Derived Elevation Products in Northeast Coastal National Parks. Esri User Conference 2014, San Diego, CA.
- Tefft, Erica; Bonyng, Greg; Duhaime, Roland; Mandeville, Aimee; Campbell, Anthony; LaBash, Charles; Stevens, Sara; Skidds, Dennis; Christiano, Mark; August, Peter. Mosaic Datasets and LiDAR Data: Quick Processing and Versatile Results. Esri User Conference 2014, San Diego, CA.
- Campbell, A., Bonyng, G., Duhaime, R., Mandeville, A., Tefft, E., LaBash, C., Stevens, S., Skidds, D., Christiano, M., Winn, N. & August, P. 2014, Illustrating Coastal Change with Mean High Water Shorelines Derived from LiDAR, Esri User Conference 2014, San Diego, CA.
- Campbell, A., Bonyng, G., Duhaime, R., Mandeville, A., Tefft, E., LaBash, C., Stevens, S., Skidds, D., Christiano, M. & August, P. 2014, LiDAR-derived Post-Storm Beach Volume Change Analysis, NEARC, Groton, CT. Skidds, D.E., J. C. Lynch, and R. J. Duhaime, 2013. RTK and Rulers: Monitoring the Rise and Fall of Salt Marsh Sediment Elevations in Northeastern Coastal Parks. Annual Northeast Arc Users Group Conference, Nashua, NH.
- Neckles, H.A., J. Caldwell, J. Kiddon, M. Nixon, W. Monahan, P. Pooler, D. Skidds, and S. Fox. 2013. Estuarine Water Quality Monitoring in Northeastern U.S. National Parks: Integration at Local and Regional Scales. 22nd Biennial Conference of the Coastal and Estuarine Research Federation, San Diego, CA.
- Skidds, D.E. 2012. An Example of Interagency Cooperation in Data Management: The NCBN and the FWS Region 5 I&M Programs. NPS I&M Data Managers Conference, April 2-6, 2012 - Ft. Collins, CO.
- Neckles, H.A., J. Caldwell, P. Pooler, J. Kiddon, M. Nixon, and D. Skidds. 2012. Integrating Estuarine Water Quality Monitoring in Northeastern National Parks at Local and Regional Scales. National Water Quality Monitoring Council's 8th National Monitoring Conference, Portland, OR.
- Psuty, N. P., W. Hudacek, A. Love, J. Raphael, and D. E. Skidds, 2012. Geotemporal Dimensions of Change Along Fire Island, 2007-2011. Fire Island National Seashore Science Conference, Patchogue, NY.
- Neikirk, B.B., K.A Moore, H.A. Neckles, D.E. Skidds, and S.M. Stevens, 2012. Vital signs monitoring of estuarine conditions over multiple scales at three Virginia National Parks in the National Park Service Northeast Coastal and Barrier Network. Coastal and Estuarine Research Federation Conference, Daytona Beach, FL.
- Skidds, D.E., S. Stevens, and N. Psuty, 2011. Use of GIS in Monitoring the Effects of Climate Change on Natural Resources in a Network of Northeastern Coastal Parks. Annual Northeast Arc Users Group Conference, Saratoga Springs, NY.
- Psuty, N. P., T. Silveira, D. E. Skidds, and S. Stevens, 2011. Geotemporal Dimensions of Change: Two-Dimensional Coastal Geomorphological Monitoring in the Northeast Coastal and Barrier Network. George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, New Orleans, LA.
- Skidds, D.E., 2010. LiDAR Applications in the Northeast Coastal and Barrier Inventory and Monitoring Network. USGS Decision Support for Coastal Science and Resource Management Project, Ocean City, MD.
- Skidds, D.E., 2009. NPS Inventory & Monitoring (I&M) Data Managers Workshop. George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Portland, OR.
- Skidds, D.E., S. Stevens, N. P Psuty, T. Silveira, and A. Love, 2009. Northeast Coastal and Barrier Network: Long-term Monitoring of Shoreline Position Change in Four Northeastern Coastal Parks. George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Portland, OR.
- Psuty, N. P., T. Silveira, S. Stevens, and D. E. Skidds, 2009. Monitoring Coastal Topography in the Northeast Coastal and Barrier Network. George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, Portland, OR.

- Skidds, D.E. 2008. Using GIS for Long Term Monitoring of Coastal Resources in the National Park Service. Panel discussion: Challenges and Considerations of Mapping Dynamic Natural Resources. Annual Northeast Arc Users Group Conference, Hyannis, MA.
- Skidds, D.E., 2008. Converting Network Websites from ColdFusion to ASP.NET 2.0: Some Challenges and Lessons Learned. Annual NPS GIS and Data Management Conference, Ft. Collins, CO.
- Skidds, D.E., S. Stevens, N. P Psuty, M. Duffy, and J. Pace, 2008. Northeast Coastal & Barrier Network: Using GPS to Monitor Shoreline Change in Four Northeastern Coastal Parks. Annual NPS GIS and Data Management Conference, Ft. Collins, CO.
- Skidds, D.E. and N. P Psuty, 2007. Ocean Shoreline Position Monitoring: Mapping the FIIS Shoreline. Training presented at Fire Island National Seashore, October 18, 2007.
- Skidds, D.E., 2007. LIDAR Data and Vital Signs Monitoring: Data Management Challenges and Lessons Learned. Annual I&M Data Management Meeting, Las Cruces, NM.
- Skidds, D.E., S. Stevens, and L. Fabre, 2007. Northeast Coastal & Barrier Network: Data Management Tools for Fire Island National Seashore Inventory and Monitoring Projects. Fire Island National Seashore Biennial Science Conference, Stony Brook University, Stony Brook, NY.
- Psuty N. P., S. Stevens, D.E. Skidds, T. Silveira, 2007. Monitoring Shoreline Change in the Coastal National Parks, North Atlantic Region. Association of American Geographers Annual Meeting, San Francisco, CA.
- Skidds, D.E., 2006. LIDAR and Vital Signs Monitoring in the Northeast Coastal & Barrier Network. NPS Northeast Region Annual GIS Park Coordinators Meeting, Sandy Hook, NJ.
- Skidds, D.E., Y. Jiang, D.M. Bauer, P.W.C. Paton, S.K. Swallow, A.B. Mercer, R.J. Duhaime, and C.L. LaBash, 2005. Applying Economic and Ecological Principles to Identify Vernal Pool Conservation Reserves in the Pawcatuck River Watershed of Southern Rhode Island, ESRI 25th Annual International User Conference, San Diego, CA.
- Skidds, D.E., 2003. Predictors of Hydroperiod in Southern Rhode Island Seasonal Ponds. Rhode Island Natural History Survey Conference, Warwick, Rhode Island.
- Skidds, D.E., B. Johnson, D.K. Brotherton, C.L. LaBash, and R.J. Duhaime, 2003. Using GIS for Quality Assurance/Quality Control (QA/QC) of a Herpetological Inventory of Northeastern National Parks, ESRI 23rd Annual International User Conference, San Diego, CA and 2003 Annual Northeast Arc Users Group Conference, Newport, RI.
- Skidds, D.E., and F.C. Golet, 2003. Predictors of Hydroperiod in Southern Rhode Island Seasonal Ponds: Assessing Amphibian Habitat Suitability. Northeast Fish and Wildlife Conference, Newport, Rhode Island.
- Skidds, D.E., and F.C. Golet, 2003. Multivariate Model for Estimating Hydroperiods of Southern Rhode Island Seasonal Ponds. The Wildlife Society 10th Annual Conference, Burlington, Vermont.

GRANTS:

- Neckles,, H.A., E. Nicosia, G. Guntenspergen, D.E. Skidds and S. Stevens. 2013. Development of a Multimetric Index for Integrated Assessment of Salt Marsh Condition in the Northeast Coastal and Barrier Network. U.S. Geological Survey, Status and Trends of Biological Resources Program. \$195,000.
- Neckles,, H.A., P. Pooler, J. Caldwell, J. Kiddon, B. Manahan, and D.E. Skidds. 2011. Integration of Estuarine Water-Quality Data in Parks of the NPS Northeast Coastal and Barrier Network at Local and Regional Scales. U.S. Geological Survey, Status and Trends of Biological Resources Program. \$285,000.
- Golet, F.C., J. Mitchell, P.W.C. Paton, D.E. Skidds. 2006. Prioritizing Protection of Vulnerable Wetlands in the Queens River Watershed, Rhode Island. U.S. Environmental Protection Agency, RI Dept. Environmental Management. \$50,000.
- August, P., C. LaBash, L. Fabre, and D. Skidds. 2006. Database Development and Program Support for the Northeast Coastal and Barrier Network. U.S. Department of the Interior, National Park Service. University of Rhode Island. \$205,357.
- August, P., C. LaBash, L. Fabre, and D. Skidds. 2005. Database Development and Program Support for the

Northeast Coastal and Barrier Network. U.S. Department of the Interior, National Park Service. University of Rhode Island. \$169,172.

August, P., D. Skidds, and, C. LaBash. 2004. Database Development and Program Support for the NPS I&M Program. U.S. Department of the Interior, National Park Service. University of Rhode Island. \$44,228.

August, P., C. LaBash, R. Duhaime, Skidds, D., and L. Bellet. 2003. GIS Technical Support. National Park Service Field Technical Support Center for GIS. University of Rhode Island. \$57,000.

August, P., D. Skidds, C. LaBash, and R. Duhaime. 2003. GIS Map and Database Project. National Park Service National Natural Landmarks Program. University of Rhode Island. \$16,042.

Gibson, E.J., D.E. Skidds, and F.C. Golet. 2002. Use of Vegetation to Predict Hydroperiod in Seasonal Ponds of the Pawcatuck River Watershed. University of Rhode Island, College of the Environment and Life Sciences Coastal Fellows Program. \$2500.

Skidds, D.E., and F.C. Golet. 2001. Predictors of Hydroperiod in Southern Rhode Island Vernal Pools. The Nature Conservancy, Rhode Island Field Office, \$3000.

Skidds, D.E., and F.C. Golet. 2002. Rapid Assessment of Hydroperiod in Vernal Pools of the Pawcatuck River Watershed. The Nature Conservancy, Rhode Island Field Office. \$3000.

Walsh, E.S., D.E. Skidds, and F.C. Golet. 2001. Predictors of Hydroperiod in Vernal Pools of the Pawcatuck River Watershed. University of Rhode Island, College of the Environment and Life Sciences Coastal Fellows Program, \$2500.

RELEVANT TECHNICAL SKILLS

- Strong GIS skills using the ESRI software platform, including ArcGIS Desktop, ArcGIS Pro, and ArcGIS Enterprise/Online; experienced in producing and manipulating raster and vector datasets, conducting spatial analyses, and publishing hard-copy and digital map products; some experience administering ArcGIS Server; familiarity with coding in Python.
- Extensive experience using multiple mapping and survey-grade GPS/GNSS platforms for field data collection and navigation, including Garmin and Trimble hardware and software.
- Experienced in use of multiple data analysis platforms (ArcGIS Spatial Analyst, R, SAS, SPSS), as well as Microsoft O365 and a variety of image processing software packages.
- Experienced in database design, maintenance, and documentation using Microsoft Access, SQL Server; building of complex queries using SQL; some Visual Basic coding.
- Proficient in web design and programming using HTML, CSS, Adobe ColdFusion, Drupal, WordPress.

RECENT TRAININGS

- NPS Mastery Series participant, 11/2020 – 5/2021. Leadership development and meeting challenges in natural resource management in the NPS.
- High-accuracy GNSS Data Collection with ESRI Portal, Collector, and Survey 123. Intermountain Region GIS Program, Lakewood, CO. 5/23 – 5/24/2019
- IMD Data Management Training, NPS IMD, Burlington, VT. 4/23 – 4/25/2019
- WebinaR - Using R for Natural Resource Data Analysis. Southeast Region I&M Division. (Online course) 4/21 – 6/6/2018
- NOAA Coastal Inundation Mapping. NOAA Office for Coastal Management. RI Emergency Management Services, Cranston, RI. 11/29 – 11/30/2016.
- Data Carpentry R Workshop. University of RI Coastal Institute, Narragansett, RI. 8/29 – 8/30/2016.