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CURRICULUM VITAE

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EDUCATION

Ph.D. Agricultural Engineering, Purdue University, 1992
M.S. Computing Education, Purdue University, 1987
B.S. Agricultural Education, Purdue University, 1982

PROFESSIONAL EXPERIENCE

Agricultural Engineer (DB-IV) – U.S. Army CERL, Champaign, IL.
- Aug 1997 – present

Senior Principle System Development Specialist – Computer Data Systems, Inc.
(Contracted to U.S. Army CERL, Champaign, IL)
- Jan 1996 – Aug 1997

Research Fellow – Oak Ridge Institute for Science and Education Research Participation
Program administered by ORISE through an interagency agreement between the US
Department of Energy and US Army CERL.
- Feb 1993 – Aug 1997

PAPERS AND REPORTS

Balbach, H.E., and E.L.Keane. March 2007. SERDP Ecosystem Management Project
(SEMP) 2005 Annual Report. ERDC SR-07-2. U.S. Army Engineer Research and
Development Center, Construction Engineering Research Laboratory,
Champaign, IL. [Rewerts contributed a chapter within this report].

H. Resit Akçakaya, Kelly Cantara, Heather Vaillant, David Diamond, Diane True, Chris
C. Rewerts, and Robert Lozar. ERDC/CERL TR-06-18. Evaluation of Models To
Support Habitat Fragmentation Analysis. July 2006. . U.S. Army Engineer
Research and Development Center, Construction Engineering Research
Laboratory, Champaign, IL.

Rewerts, Chris, William Goran, and Pamela Sydelko. Ecosystem Knowledge Mapping to
Support Military Lands. In Proceedings of: 8th World Multi-Conference on
Systemics, Cybernetics, and Informatics, 18-21 July 2004, Orlando, Florida.

- Goelz, J.C.G., C.C. Rewerts, 2003. Providing a Forest Model for Ft. Benning, GA with Little Data and Little Time. In Proceedings of: 2003 Joint Conference of the Southern Mensurationists and Northeastern Mensurationist Organization, Virginia Tech.(in press).
- Dale, Virginia H., Chris Rewerts, Webb Van Winkle, Mark A. Harwell, Mike Vasievich, and Steve Hodapp. Barriers to the Use of Ecological Models in Decision Making. Chapter 6 In: Ecological Modeling for Resource Management. Virginia H. Dale, Editor. New York, NY: Springer-Verlag New York, Inc., 2003. pp. 109-122.
- Rewerts, C.C, P.J. Sydelko, J.H. Christiansen, J. E. Dolph, A. Shapiro & T.N. Taxon, Jr. 2000. An Object-Oriented, Individual-Based, Spatially Explicit Environmental Model. In Proceedings of: The Simulation of Social Agents: Architectures and Institutions, The University of Chicago.
- Rewerts, C.C., P.J. Sydelko, J.E. Dolph, A.M. Shapiro, and T.N. Taxon, Jr. 2000. An Object-oriented, Individual-based, Spatially Explicit Environmental Model: A Discussion of the Approach to Implementing the System. In proceedings of 4th International Conference on Integrating GIS and Environmental Modeling (GIS/EM4): Problems, Prospects and Research Needs (in press).
- Rewerts, Chris. 1999. Development of a Database for Pest Management and Pesticide Use. Technical Note A-6N In: Conserving Natural and Cultural Resources on Department of Defense Land: Case Studies from the Department of Defense Conservation Program. DoD Legacy Resource Management Program. Pp 23-26.
- Rewerts, Chris, Smith, Jackie, and Derstine, Kittie. 1999. Targeting Army Training Land Repair with DARTS. In proceedings of: ESRI User's Conference.
- 1999 Fort Polk Historic Preservation Plan. (David G. Anderson, Principal Investigator). Vol. II Cultural Resources Action Plan/Planning Manual (David G. Anderson, and Steven D. Smith); Vol. III. Cultural Resources Inventory: Primary Data (David G. Anderson, Tiffanie Bourassa, Cindy Abrams, Mark Groover, J. W. Joseph, Jim Majerus, Jenalee Muse, and Chris Rewerts); Volume IV. Inventory Map Volume: Site Locations, Areas Surveyed, And Cultural Resource Probability Zones, Fort Polk, Louisiana (David G. Anderson, Chris Rewerts, and Kim Majerus). Final Report. Southeastern Archeological Center, National Park Service, National Park Service. 3 vols; 224 pp., 980 pp, 68 pp.
- Rewerts, C.C. and Majerus, K.A. PRISM: Integrated Natural and Cultural Resource Management for Fort Polk, LA. 1994. In proceedings of: GRASS User's Conference
- Engel, B.A-, R. Srinivasan, and C. Rewerts. 1992. A Spatial Decision Support System for Modeling and Managing Agricultural Non-Point Source Pollution. In: Integrating Environmental Modeling and GIS, NCGIA, Santa Barbara, CA.

Engel, Bernard, Srinivasan, Raghavan and Rewerts, Chris. 1991. A Spatial Decision Support System for Modeling and Managing Agricultural Non-Point-Source Pollution. In: Goodchild, M.F., B.O. Parks, and L.T. Steyaert. Geographic Information Systems and Environmental Modeling. Oxford University Press.

Rewerts C.C. and Engel B.A., 1991, ANSWERS on GRASS: Integrating a watershed simulation with a GIS. ASAE Paper No.91-2621. American Society of Agricultural Engineers, St. Joseph, Missouri, 1-8.