

# Technological Ecologies & Sustainability

## overview

Together, computerized writing environments (e.g., physical spaces, hardware, software, and networks) and the humans who use and support such technologies comprise complex ecologies of interaction. As with any ecology, a human-computer technoecological system needs to be planned, fostered, designed, sustained, and assessed to create a vibrant culture of support at the individual, programmatic, institutional, and even national and international level. Local and larger infrastructures of composing are critical to digital writing practices and processes. In academia, specifically, all writing is increasingly computer-mediated; all writing is digital.

Unfortunately, at far too many institutions, it is difficult to sustain ecologies of digital writing. How then to best plan, foster, design, sustain, and assess the complex ecologies framing the study and practice of digital writing that we do (or hope to do) as teachers, scholars, learners, and writers?

The audience for this collection is teachers, scholars, administrators, and graduate students working in fields of composition studies, computers and writing, technical/professional communication, literature, education, and English education. We all face the same dilemma: More and more of our work and instruction takes place in electronic environments, but budget constraints and assessment mandates loom, and often our positions within our institutions prohibit us from active participation in central computing endeavors. **This necessarily multivocal collection refines our discussions of the many components of sustainability, providing contextual, situated, and flexible modes and methods for theorizing, building, assessing, and sustaining digital writing ecologies.**

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## authors

Shawn Apostel and Kristi Apostel  
Anthony Atkins and Colleen Reilly  
Beth L. Brunk-Chavez and Shawn J. Miller  
Michael Day  
Lisa Dush  
Jude Edminster, Andrew Mara, and Kristine Blair  
Patricia Ericsson  
Peter Fadde and Patricia Sullivan  
Kristie S. Fleckenstein, Fred Johnson, and Jackie G. McKinney  
Lisa Leb duska  
Ryan Moeller, Cheryl Ball, and Kelli Cargile Cook  
Mike Palmquist, Kate Kiefer, and Jill Salahub  
James Porter  
Cynthia L. Selfe, Gail E. Hawisher, and Patrick W. Berry  
Jeanne Smith and Jay D. Sloan  
Kip Strasma  
Kathleen Blake Yancey

## edited by

Danielle Nicole DeVoss, Michigan State University  
([devossda@msu.edu](mailto:devossda@msu.edu))  
Heidi A. McKee, Miami University  
([mckeeha@muohio.edu](mailto:mckeeha@muohio.edu))  
Richard (Dickie) Selfe, Ohio State University  
([selfe.3@osu.edu](mailto:selfe.3@osu.edu))



## Technological Ecologies and Sustainability

Edited by Dànielle Nicole DeVoss, Heidi A. McKee, and Richard (Dickie) Selfe  
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