

DARREN HARDY

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Darren Hardy is a Ph.D. student at the Donald Bren School of Environmental Science and Management, University of California, Santa Barbara. His interdisciplinary research aims to advance our understanding of how science informs democratic styles of environmental governance. In 2005, he earned a MESM degree from Bren after having worked as a software engineer of Internet technologies at Netscape, Vignette, Affinia, and Napster. Before moving to California, he earned B.S. and M.S. degrees in Computer Science from the University of Colorado at Boulder where he was also the lead professional research assistant on the Harvest information discovery and access system.

EDUCATION

Ph.D. in Environmental Science & Management.

Donald Bren School of Environmental Science & Management,
University of California, Santa Barbara. 2009 (*expected*).

Masters in Environmental Science & Management. Bren School, UCSB. 2005.

M.S. in Computer Science. University of Colorado, Boulder. 1993.

B.S. in Computer Science. University of Colorado, Boulder. 1991.

RESEARCH

Ecopolitical informatics in environmental governance. Ph.D. dissertation with James Frew (chair), Oran Young, and Bruce Bimber. 2005-.

Integrating digital libraries and earth science data systems. Graduate research assistant with James Frew (PI: NSF IIS-0431166) and Greg Janée. 2005-.

Collaborative monitoring of spiny lobster in the Channel Islands marine protected areas. MESM group project with James Frew, Hunter Lenihan, and Sean Hastings (NOAA). 2004-2005.

Scalable Internet resource discovery: The Harvest information discovery and access system. Professional research assistant with Michael F. Schwartz (PI: ARPA DABT63-93-C-0052, NSF CNS-9105372), C. Mic Bowman (IBM), Peter Danzig (USC), and Udi Manber (U. Arizona). 1993-1995.

RESEARCH INTERESTS

environmental governance; information technology & society;
geographic information systems; distributed collaboration.

PUBLICATIONS & CONFERENCE PRESENTATIONS

- Hardy, Darren, Greg Janée, James Gallagher, James Frew, and Peter Cornillon. 2006. Metadata in the Wild: An Empirical Survey of OPeNDAP-accessible Metadata and its Implications for Discovery. In *2006 AGU Fall Meeting*. San Francisco, CA.
- Abramson, Sarah, Christina Cairns, Katie DeLeuw, Sofia Hamrin, and Darren Hardy. 2005. Collaborative monitoring of the spiny lobster in the Channel Islands marine protected areas. In *Fisheries and Marine Ecosystems (FAME) 2005 Graduate Student Conference*. Bainbridge Island, WA.
- Hardy, Darren R., and Michael F. Schwartz. 1996. Customized information extraction as a basis for resource discovery. *ACM Transactions on Computer Systems* 14 (2):171-199.
- Hardy, Darren. 1996. Invited panel: Efficiency of Internet indexing. In *5th International World Wide Web Conference*. Paris, France.
- Bowman, C. Mic, Peter B. Danzig, Darren R. Hardy, Udi Manber, and Michael F. Schwartz. 1995. The Harvest information discovery and access system. *Computer Networks & ISDN Systems* 28 (1-2):119-125.
- Chhabra, Bhavna, Darren R. Hardy, Allan Hundhausen, Dave Merkel, John Noble, and Michael F. Schwartz. 1994. Integrating complex data access methods into the Mosaic/WWW environment. In *2nd International World Wide Web Conference*. Chicago, IL.
- Hardy, Darren R., and Michael F. Schwartz. 1993. Essense: A resource discovery system based on semantic file indexing. In *USENIX Winter 1993 Conference*. San Diego, CA.
- Schwartz, Michael F., Darren R. Hardy, W. K. Heinzman, and G. C. Hirschowitz. 1991. Supporting resource discovery among public Internet archives using a spectrum of information quality. In *IEEE 11th International Conference on Distributed Computing Systems*. Arlington, TX.

EXPERIENCE

- Teaching Assistant. ESM 263: Geographic Information Systems. UCSB. 2007.
- Graduate Research Assistant. University of California, Santa Barbara. 2005 – 2007.
- Professional Research Assistant. University of Colorado, Boulder. 1993 – 1995.
- Graduate Research Assistant. University of Colorado, Boulder. 1991 – 1993.
- Software Engineer. Napster, Inc., Redwood City, CA. 2001-2002.
- Software Engineer. Affinia, Inc., Denver, CO. 1999-2000.
- Software Engineer. Vignette Corp., Austin, TX. 1997-1999.
- Software Engineer. Netscape Communications Corp., Mt View, CA. 1995-1997.

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