

COALESCENT COMMUNITY DATABASE VERSION 2.0 AND SOUTHWEST SOCIAL NETWORKS DATABASE VERSION 1.0 APPLICATION FORM

The Coalescent Communities Database (CCD) 2.0 contains location, room count, and occupation span data from over 3,000 sites in the U.S. Southwest dating from A.D. 1200 to A.D. 1700. The CCD 2.0 builds upon its highly successful predecessor, the CCD 1.0 that was developed in 2003 by David Wilcox, James Holmlund, and J. Brett Hill to quantify macro-regional demographic changes across the U.S. Southwest during the late pre-contact period. Over the past decade a considerable amount of new site data have been added to this database. In addition, existing site data has been substantially revised as new information has become available and regional experts have identified errors in the first version. These changes are of such magnitude as to warrant the release of a new version of the database. Nearly all of this new work has been supervised by Dr. J. Brett Hill as an employee of Archaeology Southwest (formerly Center for Desert Archaeology).

Using the CCD 2.0 as a foundation, the Southwest Social Networks (SWSN) Database 1.0 contains ceramic, obsidian, public architecture data, and associated metadata from over 800 habitation sites in Arizona and New Mexico west of the Continental Divide dating from A.D. 1200 to A.D. 1500. The SWSN database 1.0 was developed through a joint NSF-funded project, *Collaborative Research: The Structure and Dynamics of Social Networks within the Southwest*, conducted from 2008 through 2012 by the School of Anthropology, University of Arizona (Dr. Barbara J. Mills, PI) and Archaeology Southwest (Dr. Jeffery J. Clark, PI). The project was funded through the Human and Social Dynamics Program of the National Science Foundation (Award No. 0827007 to the University of Arizona and 0827011 to Archaeology Southwest). Each region within the project area was scoured for published and unpublished excavation and survey data. In addition, existing museum collections and notes were extensively sampled. The SWSN database was initially used to conduct Social Network Analysis (SNA) in tandem with Geographic Information Systems (GIS) approaches using the settlements as the units of analysis.

It was realized that the research potential of both databases far exceeded specific project goals. Thus, it was decided that all professional archaeologists should have access to them after project completion. The ultimate objective of the SWSN database and the CCD is to obtain accurate temporal, architectural, ceramic, and obsidian data from every late pre-contact habitation site with more than 12 rooms, a goal that can only be approached but never fully realized. Hence both databases will continue to be periodically updated and revised as new information becomes available. Both databases are curated and maintained by Archaeology Southwest (www.archaeologysouthwest.org). Applicants can request portions of either or both databases by contacting Dr. Jeffery Clark (jclark@archaeologysouthwest.org). Each application should include the following:

- 1) A two-page summary of the proposed research project
- 2) The exact boundaries of the project area (please use UTM coordinates NAD27, Zone 12)
- 3) Types of data and desired format
- 4) The following statement: "I have read and agree to the User Agreement" (see page 2)
- 5) A current Curriculum Vitae
- 6) Student applicants are required to include an endorsement from their faculty advisor

Because the CCD and SWSN database contain sensitive information from many of the largest sites in the U.S. Southwest, Archaeology Southwest reserves the right to deny access to this database based on applicant qualifications and credentials.

COALESCENT COMMUNITY DATABASE (VERSION 2.0) AND SOUTHWEST SOCIAL NETWORKS DATABASE (VERSION 1.0) USER AGREEMENT

Upon submitting an application for use of the Southwest Social Network (SWSN) Database 1.0 and/or the Coalescent Community Database (CCD) 2.0, the User agrees to the following conditions:

- 1) Because these databases contain sensitive archaeological information, the User cannot share any portion with another individual or entity without the written consent of Archaeology Southwest.
- 2) Because both databases are works in progress, any new data or revisions to existing data the User brings to either database must be shared with Archaeology Southwest at the end of their project along with supporting references, justifications, and metadata. These will be utilized to update both databases for the benefit of future research. Archaeology Southwest will also be sent copies of the primary publication, thesis, or paper that utilized either or both databases.
- 3) When either directly or indirectly utilizing the SWSN database 1.0 in presentations and publications the User is required to acknowledge: *Collaborative Research: The Structure and Dynamics of Social Networks within the Southwest*, National Science Foundation Human and Social Dynamics Program Award No. 0827007 (School of Anthropology, University of Arizona) and Award No. 0827011 (Archaeology Southwest). When either directly or indirectly using the CCD 2.0 in presentations or publications the User is required to acknowledge Archaeology Southwest and the Museum of Northern Arizona.
- 4) When referring to the SWSN database 1.0 in a publication the following citation is required:
Mills, Barbara J., Jeffery Clark, W. Randall Haas Jr., Matthew Peeples, Deborah Huntley, Lewis Borck, Meaghan Trowbridge, and Susan Ryan
2012 Southwest Social Networks Database, Version 1.0. Archaeology Southwest, Tucson.

When referring to the CCD 2.0 in a publication the following citation is required:
Hill, J. Brett, David Wilcox, William Doelle, and William Robinson
2012 Coalescent Communities Database Version 2.0. Archaeology Southwest, Tucson.

Please read this User Agreement fully. Permission to use the Heritage Southwest Database is contingent upon fulfillment of these conditions. In your application, please include the following statement: "I have read and agree to the User Agreement."