

David R. Ruiz

Qualifications:

Strong analytical, technical writing, and verbal communications skills required for production of technical products with experience in analog and digital aerial mapping. An experienced "Expert Witness" in aerial photo interpretation on real estate issues, such as easement and property boundary disputes and environmental hazards.

Work Experience:

Jun 2019 – Current

Pacific Aerial Surveys, an Alan Kropp & Associates Company, Novato, CA

Imagery Analyst / Data Archivist

Responsible for over 6 million aerial images used for historical site assessment, sales, exhibition, and presentations, including digital ortho-rectified photos. Provided imagery interpretation and expert witness testimony for clients in environmental, real estate, and legal professions.

Jan 2017 – Current

American Society of Photogrammetry and Remote Sensing

Chair - Digital Preservation Archive Committee

Responsible for setting committee meeting agenda; meeting announcements and records; chairing meetings. The purpose of this committee is to provide an open forum for gathering and disseminating information about data preservation and archiving practices and procedures as a service to ASPRS members.

Oct 2009 – Jun 2019

Quantum Spatial Inc., Novato, CA

Imagery Analyst / Data Archivist

Responsible for over 6 million aerial images used for historical site assessment, sales, exhibition, and presentations, including digital ortho-rectified photos. Provided imagery interpretation and expert witness testimony for clients in environmental, real estate, and legal professions.

Jan 2008 – Oct 2009

David Ruiz Consulting, Novato, CA

Principal

Provided consulting to corporations in need of aerial photography, LiDAR, and Thermal Imaging acquisitions from historical collection or custom collections. Provided aerial photographic interpretation for real estate, Criminal and Civil legal firms, and photogrammetric services. Recognized as an "Expert" testifying throughout California.

July 2006 – July 2008

HJW Geospatial Inc. / Pacific Aerial Surveys, Oakland, CA

Manager of Operations

Responsible for acquisition of data for mapping products to include aerial photography in analog and digital formats, LiDAR mapping instruments, and associated data required to produce products which meet mapping standards. Prioritized projects for collection by size, scope, and client required timetables. Managed all data for mapping production work, ensuring all data meet acceptable standards. Managed

support operations to include photo lab, film editing, scanning operations, aerial photo library, and its retail operations.

2001 – 2006

Pacific Aerial Surveys, Oakland, CA. a division of HJW Geospatial, Inc.

Manager, Image Library

Responsible for over 2 million aerial images used for historical site assessment, sales, exhibition, and presentations, including digital ortho-rectified photos. Provided imagery interpretation and expert witness testimony for clients in environmental, real estate, and legal professions.

1998 – 2001

HJW Federal, Oakland, CA. a division of HJW Geospatial, Inc.

Production Supervisor

Responsible for all aspects of Department of Defense Mapping production to fulfill NIMA OMNIBUS contract. Evaluated project source packages provide by the National Imagery and Mapping Agency (NIMA) in order to submit bids, create production schedule, evaluate collection strategies, and outline areas of responsibilities for production team.

1995 – 1998

Military Capabilities Branch,
National Ground Intelligence Center, Washington, DC

Sergeant, Senior Imagery Analyst, United States Army

An Imagery Analyst specializing on the former Soviet Union, responsible for exploitation of imagery in direct support for the Defense Intelligence Agency (DIA). Provided theories and opinions on capabilities of foreign military ground forces based on photo interpretation and verified using all-source intelligence.

1994 – 1995

A – Co. 532nd MI BN, 501st BDE Yongson, Korea

Imagery Analyst

Provided accurate and timely imagery analysis of military forces, ground order of battle, infrastructure, and lines of communication of North Korean Forces. Provided support for special projects to the Joint Security Area (JSA), Panmunjom, Korea, and the National Photographic Interpretation Center (NPIC). Prepared daily reports from imagery for the United States Forces Korea (USFK) J2 Ground Analyst Section.

Education

Marin Community College – Kentfield, CA.	2005 - Current
Northern Virginia Community College – Alexandria VA.	1996 - 1998
Central Texas College – Yongson, Korea	1994
College of Marin – Kentfield, CA	1985, 1987, 1989 -1990
Santa Rosa Junior College – Santa Rosa, CA.	1983 – 1984

Technical Training

Facility Security Officer Management Course Defense Security Service	December 1999
Spectral Imagery Processing Course (SPIC) – Logicon	August 1997
Defense Sensor Interpretation & Application Training Program (DSIATP) U.S. Air Force	June 1997
Modernized Integrated Data Base (MIDB) – DIA	February 1997
Primary Leadership Development Course (PLDC) United States Army	April 1996
Basic Imagery Analyst School (Distinguished Graduate) United States Army	July 1994