

David Howell Résumé

Affiliations

Member Redwood Art Association

Member Humboldt Arts Council

Certified Professional Soil Scientist #02176

Certified Geographic Information System (GIS)
Professional #00049572

Member Six Rivers Running Club

Camera Equipment: Canon

Education

B.S. Humboldt State University, Natural
Resources Planning and Interpretation

M.S. Humboldt State University, Natural
Resources, GIS, Remote Sensing, Soils

Professional Mapping Experience

1977-2010 Soil Scientist, GIS Specialist, USDA
Natural Resources Conservation Service.

Now retired

Most recent position: State Soil Survey GIS
Specialist for California

- Provided planning, leadership, training, and implementation for GIS and digital soil mapping in soil survey offices throughout California.
- Developed digital soil mapping models and presented results at international conferences.
- Worked on national team to develop and implement remote sensing and satellite image analysis course for soil scientists.

Professional Photography Experience

Travel photography in Brazil, France,
Switzerland, Mexico, and USA

Solo exhibitions and sales:

Plaza Grill, Arcata, California

Libation, Arcata, California

Plaza Art Gallery, Healdsburg, California

Bend Summerfest, Bend, Oregon

California Welcome Center, Arcata, California

Cochrane and Associates, Eureka, California

Accepted into numerous juried exhibitions with several awards in Redwood Art Association and Humboldt Arts Council exhibits

Publications (Selected)

Photographs:

Godwit Days, Bird Migration Festival

Relocation Guide, Arcata Chamber of Commerce

Digital Soil Mapping:

Howell, D., Kim, Y., Haydu-Houdeshell, C., Clemmer, P., Almaraz, R., Ballmer, M. 2007. Chapter 34. Fitting soil property spatial distribution models in the Mojave Desert for Digital Soil Mapping. In: P. Lagacherie, A.B. McBratney and M. Voltz (Eds.). Digital Soil Mapping, an introductory perspective. Developments in soil science, vol. 31. Elsevier, Amsterdam.

Howell, D., Kim, Y., Haydu-Houdeshell, C. 2008. Development and application of digital soil mapping within traditional soil survey: what will it grow into? In: Digital soil mapping with limited data. A.E. Hartemink, A. McBratney, M.L. Mendonça (Eds.) Springer.