

Résumé

Personal Information

Glenn Rolf Bauer

[REDACTED]

Phone: [REDACTED]

Email: [REDACTED]

Birthplace: Honolulu, Hawaii

Family: Married, two sons

Education

[REDACTED]

University of Hawaii at Manoa  
M.S. Degree in Geology 1969: Prof. G. A. Macdonald,  
advisor

- Thesis: The Geology of Tofua Island, Tonga

[REDACTED]

University of Redlands, Redlands, CA  
B.S. Degree in Geology 1967

- Member of Sigma Gamma Epsilon, an honorary geology society

Experience

2011-Present

Self-employed dba Glenn Bauer, Geologist

- Member of the City & County Clean Water and Natural Lands Commission 2008-2012.

2005-2011

Sr. Geologist-Hydrologist, Mink & Yuen, Inc.

1999-2005

Hawaii State Geologist, Commission on Water Resource Management, Dept. of Land and Natural Resources

- Survey Branch Chief
- Organize and analyze geologic, hydrologic, ground-water, and water use data to advise the Commission on Water Resource Management in their decision making process.
- Review and update sustainable yield numbers for aquifer systems throughout the State.
- Organize baseline ground-water monitoring studies throughout the State.

- Administer the cooperative agreement with the U. S. Geological Survey (USGS).
- Organized and facilitate the Pearl Harbor Monitoring Working Group.
- Respond to geologic hazards and make recommendations for mitigative action to the Department and to other departments within the State.
  - Sacred Falls 1999-2005
  - Waimea Bay 2000
  - Various rock fall hazards in the state 1999-2005
  - Member of Hawaii State Civil Defense Earthquake Advisory Board, Lava Flow Mitigation Technical Committee, and the Tsunami Advisory Board 2000-2005

1990-1999

Geologist, Commission on Water Resource Management, Dept. of Land and Natural Resources

- Organize and analyze hydrologic, ground-water, and water use data to advise the Commission on Water Resource Management in their decision making process.
- Participated in stream flow measurement studies in Waiahole.
- Locate new deep monitor and water wells in the State.
- Used a numerical ground-water model to re-evaluate the sustainable yield of Pearl Harbor.
- Used a numerical ground-water model to analyze the fresh ground-water flow and salt water transport in the Ewa Caprock area.
- Developed a sustainable yield in the Ewa Caprock by using water quality (1,000 mg/L chloride concentration cap)

1970-1990

Geologist-Hydrologist, Honolulu Board of Water Supply

- Analyzed geologic and hydrologic data for developing new water sources for the Board of Water Supply.

#### Professional Organizations/Licenses

Member of the Geological Society of America (GSA)  
 Member of the American Geophysical Union (AGU)  
 Former member of the Association of American State Geologists (AASG)  
 American Institute of Professional Geologists (AIPG) CPG-10855  
 Licensed Geologist in Washington State, License No. 843

#### Publications

List provided upon request.