**Name** | Groundwater Recharge and Availability in the Pearl Harbor Aquifer, Oahu, Hawaii  
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**Lead Agencies** | USGS Pacific Islands Water Science Center  
**Contacts** | Delwyn Oki, dsoki@usgs.gov  
**Partnering Agencies** | Honolulu Board of Water Supply  
**Types** | - Needs And Capabilities  
- Needs  
- Capacity  
**Area of Applicability** | - Regional/Local or Problem-focused  
**Focus Area** | - Fresh Water Resources and Drought  
**Regions** | - Central North Pacific  
- State Of Hawaii  
**Status** | - Ongoing  
**Description** | The overall objective of this study is to develop a tool that can be used to (1) effectively manage ground-water pumping from the Pearl Harbor aquifer and (2) develop long-range plans for future development of resources in the Pearl Harbor aquifer as well as planning for alternate sources of fresh water. The tool will be in the form of a three-dimensional numerical ground-water model capable of simulating the distribution of salinity in the aquifer and the response of the freshwater lens to user-specified pumping conditions.  
**Url** | Project web page in development.