

Geographic Information System

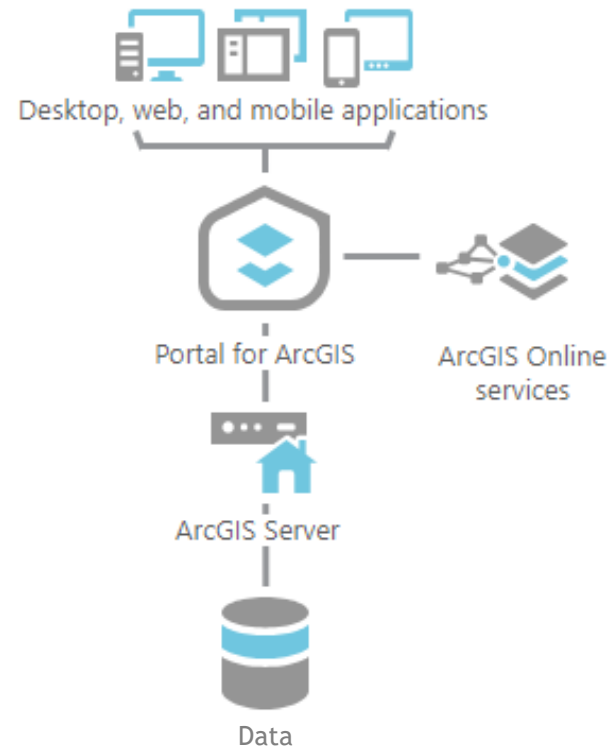
Status Report September 16, 2024

Introduction



Components of ArcGIS

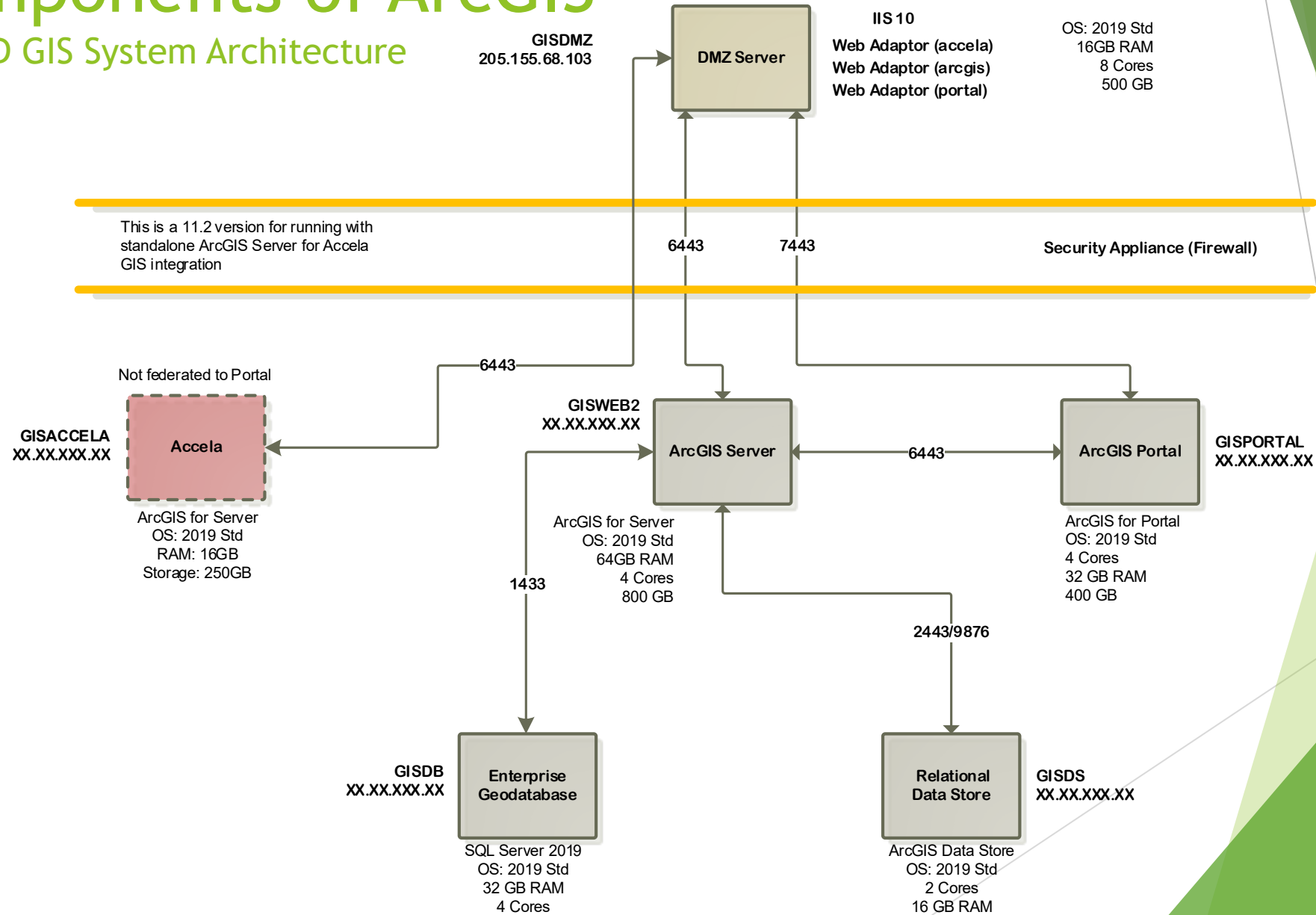
The Software & Hardware that comprise the system



Components of ArcGIS

MPWMD GIS System Architecture

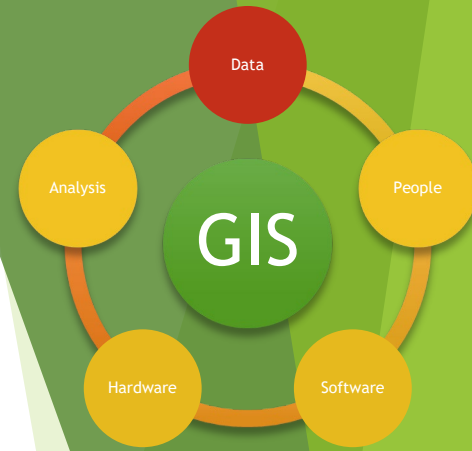
ArcGIS Enterprise Architecture
<https://gisweb.mpwmd.net>



Components of GIS

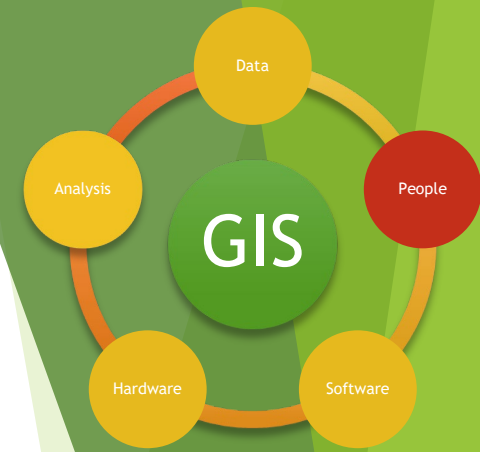
The Data

Workspace Properties	
Key	Value
Name	GISWeb as MPWMD on GISDB.sde
Workspace Type	Remote Database
Workspace Factory	Sde
Geodatabase Release	3.0.0
Date Exported	2024-09-13 15:46:50
Path	C:\Users\pkelleher\Documents\ArcGIS\Projects\Parcel Updates
Summary	
Type	Count
FeatureDataset	13
FeatureClass	232
Table	1
RelationshipClass	3
RelationshipClassRule	0
SpatialReference	5
Field	4065
Index	920
Subtype	72
SubtypeFieldInfo	630
AttributeRule	0
Domain	80
DomainCodedValue	506
DomainRange	7
DomainUsage	836



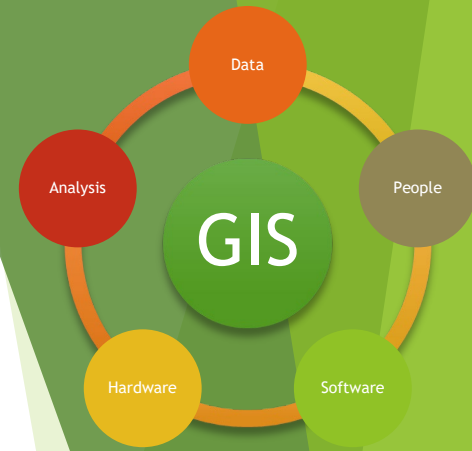
GIS at MPWMD

The People

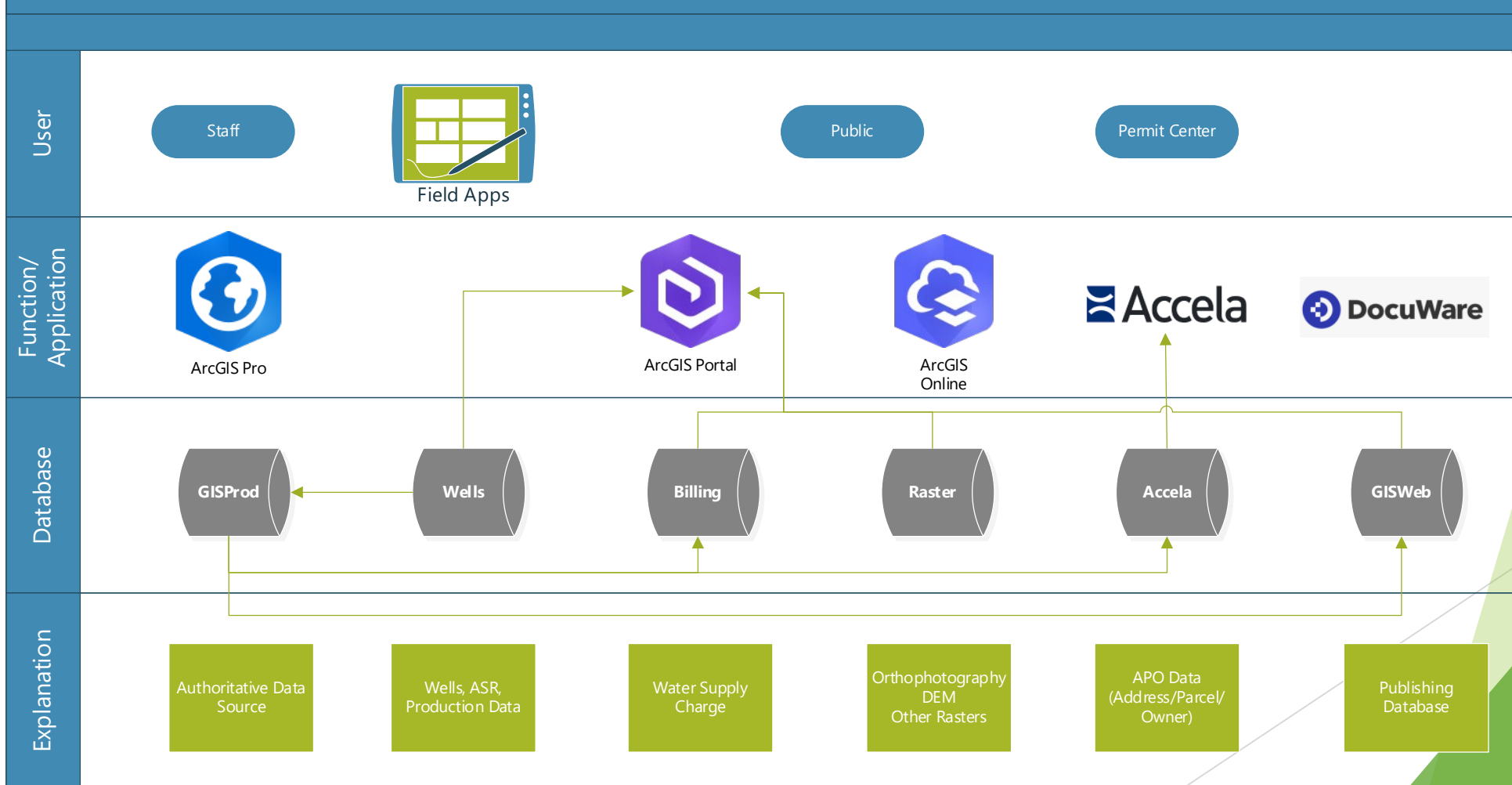


GIS at MPWMD

Projects



Monterey Peninsula Water Management District GIS Application Matrix

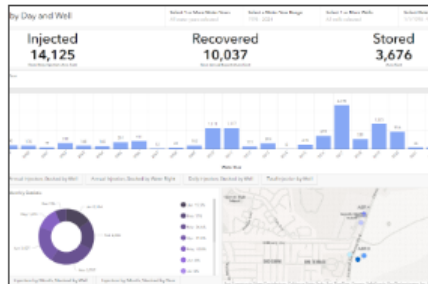


GIS at MPWMD

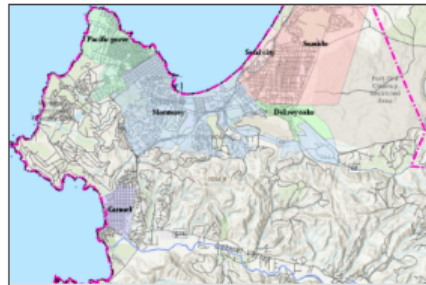
Maps and Apps



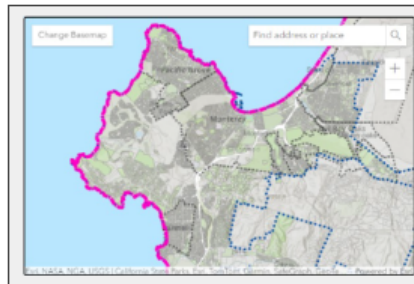
Featured Maps and Apps



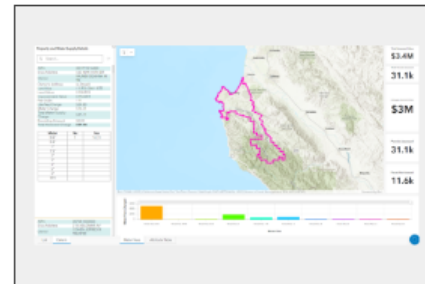
Dashboard
Dashboard_ASR Operations
Aquifer storage and recovery (ASR) dashboard in the Monterey Peninsula, managed by M. Hamil



Web Experience
Monterey Peninsula Water Man...
General Use Web Experience parcel and well assets



Instant App
Water Supply Charge Map Viewer
Basic App of water supply charges by parcel, updated August 2024. Parcels colored based on fees



Dashboard
Water Supply Charge Web Das...
Interactive analytics tools to evaluate water supply charges and details

GIS at MPWMD

Project Summary

Project	Lead	Status
Field App for Well / Meter Permits	Jon Lear	In Process
Water Production Database and Management Tool(s)	Maureen Hamilton	In Process
Well Data / Maps / Apps	Jon Lear	In Process
Drone / ArcGIS Program	William Banker-Hix	In Process
3D Analysis Upper Carmel River	William Banker-Hix	In Process
GIS DocuWare Integration	Jon Lear	2025
Accela / GIS Integration	P. Kelleher	Complete
Monthly Maintenance County Data (Address/Parcel/Owner)	P. Kelleher	Ongoing
Water Supply Charge Program	P. Kelleher	Ongoing
Conservation Data/Maps/Apps		TBD
Environmental Data/Maps/Apps		TBD
Open Data / Public Access Tools		TBD

