

"California Water Wars" might sound like a new reality show  
years ago, when William Mulholland built the California  
aqueduct and diverted water from the Owens Valley straight  
to Los Angeles, leaving the eastern region of the state barren.



- » Managing the infrastructure involved in water catchment, treatment and distribution
- » Removing wastewater from communities
- » Diverting water from sources (lakes, reservoirs, groundwater, and so forth) to reach communities
- » Cj YfgY]b[ 'g'cfa k UHYf'a UbU[ Ya YbhUbX' ccX'Vzbf'c`

K UHYf' 'g'U'g\UFYX'fYgci fWzVi hH\YfY'UFY'%, z\$\$\$'X]ZZYfYbhi di V'JWk UHYf'gng'ha g'a UbU[ ]b[ 'hUM'ccgg'h\Y'I b]hYX'GHUHYg' And in many areas, different agencies manage the different i gYg'G'cfa k UHYf' 'g'\UbX'YX'VmcbY'Ybh]miUbX'Xf]b\_]b[ ' water by another. To align the industry on best management dfUM]Wgzh\Y'I "G"K UHYf'5`']UbW'fil GK 5E'VWYUHYX'CbY'K UHYf' H\]g']b]h]Uj] Y'fU\_Yg'U'c`]gh]WUddfcUM'hc'k UHYf'a UbU[ Ya Ybhz k \]W' h\Y'I GK 5`U]X'ci h]b'gY] Yb'ghYdg'hc'VzcfX]bUHY' g'U\_Y'c`XYfgUM'ccgg'h\Y'Vzi b'bfm

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tools, teams, and workers to make that transition and unlock  
the value of technology. And that requires working in a cloud-  
based environment.

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it is starting to gain traction. Water distribution networks  
UFY'Vza d'Yl 'gngYa g'h\Y'Wci X'WbfU']nYg'Yj Yfntk.]b[ 'UbX'  
everyone, enabling real-time collaboration. Digital twins with  
all that valuable data will be built in the cloud, and the data  
k ]''j] Y']b'cbY'WbfU' d'UW" H\Uha YUbg'h\Y'f][ \hdYcd'Y'Uh  
h\Y'f][ \h]a Y'V]b[ 'Y'h\Y']bZcfa Uh]cb'h\Y'mbYXX'žcf'd'Ubb]b[ ž  
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U`XYj`UghU]b[` `ccX`UbX`\*`\$\$\$`\$`\$`hcbg`cZa`i`XzXYVf]gžUbX`  
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antiquities.

More than half-century later, hydraulic engineer Paolo  
HLa`U[`bcby`VWUHYX`U`a`cXY`h`U`h`a`UddYX`h`Y`5fbc`F`j`Yf`Zfca`  
]hgj`gci`fW`hc`h`Y`V]mãUggYgg]b[`UfYUg`dfcbY`hc` `ccX]b[`"<Y`  
a`cXY`YX`k`UHYF`UbX`k`UghYk`UHYF`gngH`a`gžUg`k`Y`"Ug`h`Y`V]mãg`  
Vi`]`X]b[`gžUbX`f`Ub`g]a`i`U]h]cbg`hc`dfYX]V]k`h`U`h`UddYbg`Uvcj`Y`  
UbX`VY`ck`[`fci`bX`]b`j`Uf]ci`g` `ccX]b[`g]WbUf]cg`8YHU]`YX`a`Udg`  
revealed the most vulnerable areas and enabled the creation  
cZUb`YZZYV]j`Y`Ya`Yf[`YbV]h`fYgdcbgY`d`Ub"

#b`d`Ubi`Ufm&\$%`žU`a`UghYf`a`YHYF`ZU]`YX`]b`@j`cb]UZA`]W`"ž`  
W]i`g]b[`a`i`h]d`Y`k`UHYf`a`U]b`VfYU`\_g`CZ`V]U`g`]gg`YX`U`Vc`]!`  
k`UHYF`UXj`]gcfmUbX`WcgYX`U`a`U`cf`\\][`k`UmXi`Y`hc` `ccX]b[`"  
@j`cb]U`\\Ug`(.`.)`a`]Yg`cZk`UHYF`a`U]bg`Vi`]`h]b`h`Y`%`&\$g`  
#hg`k`UHYf`a`UbU[`Ya`YbhdfcWggYg`k`YfY`d`UdYf]VUgYXžUbX`  
documentation lived in binders. The city hired OHM Advisors,  
Ub`U`FW`]h`V]h`fYzYb[`]bYf]b[`žUbX`d`Ubb]b[` `fa`žhc`VWUHY`;`-G`  
VUgYX`nXfU`i`]Wã`cXY`g`hc`g]a`i`U`h`a`cfY`h`Ub`(\$`g]WbUf]cg`  
Zcf`d`UbbYX`UbX`i`bd`UbbYX`X]gf`dh]cbg`5`"bZcfa`U]h]cb`]g`bck`  
stored in an interactive digital dashboard that all stakeholders  
Wb`U`W`gg`5V`UbX`cb]b[`U`FW`U]WdfcWggYg`YX`hc`h`Y`VWU]h]cb`cZ`  
Ub`Ya`Yf[`YbV]h`fYgdcbgY`d`Ub`VUgYX`cb`X][`]H`k`cf`\_`ck`g`"



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UbX`U`bYk `W[ YbYfU]cb`gnhYa `hUhk ]`dck Yf`U`a cgh%\$\$i`  
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5WdfX]b[ `hc`?Y]h`FYntbc`Xgž`f`žgYb]cf`dfc`VMa UbU[ Yf`Zcf`  
K 7K žhY`7`YUb`/` ; fYYb`dfc`VM]g`Ub`Ua V]h]ci`g`Yi`Ua`d`Y`cZU`  
i`h]`]mg`W`a`a`]ha`Ybhihc`h`Y`Ybj`]fcb`a`Ybh`UbX`]hg`fU]d`U`Yfg"<Y`  
gUhg`h`Y`dfc`VMk`]`dfcj`Y`hc`VY`U`a`cXY`cZYbYf[`mYZ`VYbW`h`  
UbX`U`g`U`ck`YX`K`7K`hc`VYU`h`Ub`]bhYfbg`d`dfc[`fUa`hc`hfU]b`  
k`Uhf`dfcZYgg]cbU`g`cZ`h`Y`ž`h`fY"



5g`h`Y`XYa`UbX`cb`k`Uhf`gi`dd`m`W`bh]bi`Yg`hc`]b`VYU`g`Y`za`cfY`  
water agencies will turn to smart water II tuoh00520P kang (en-VMCID 55 27226 Tmgtr\$WKHBP





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