Python Workshop
🐍 How we use python 🐍

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USGS National Groundwater Workshop, August 2012

How we use python

1 Social.Water

2 cloudPEST

Social.Water

Social.Water is a citizen-science project in support of CrowdHydrology. The code is all written in Python.
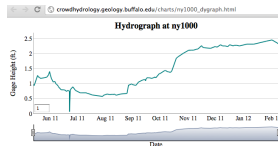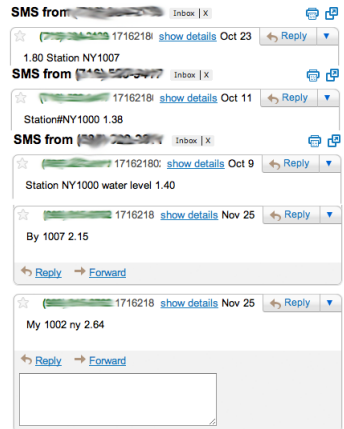
Social.Water—What Python Provides

- Decrypt a password
- Log in to IMAP email account
- Read all new messages
- Parse all new messages
- Perform fuzzy search on gage #
- Write and display results on Web

cloudPEST

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**cloudPEST – A Python Module for Cloud-Computing
Deployment of PEST, a Program for Parameter Estimation**

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Open-File Report 2011–1062