## A modern Python interface for the Generic Mapping Tools

Leonardo Uieda\* and Paul Wessel

Dept. Geology and Geophysics, SOEST, University of Hawaii

main features and goals.

code showing the clib as well

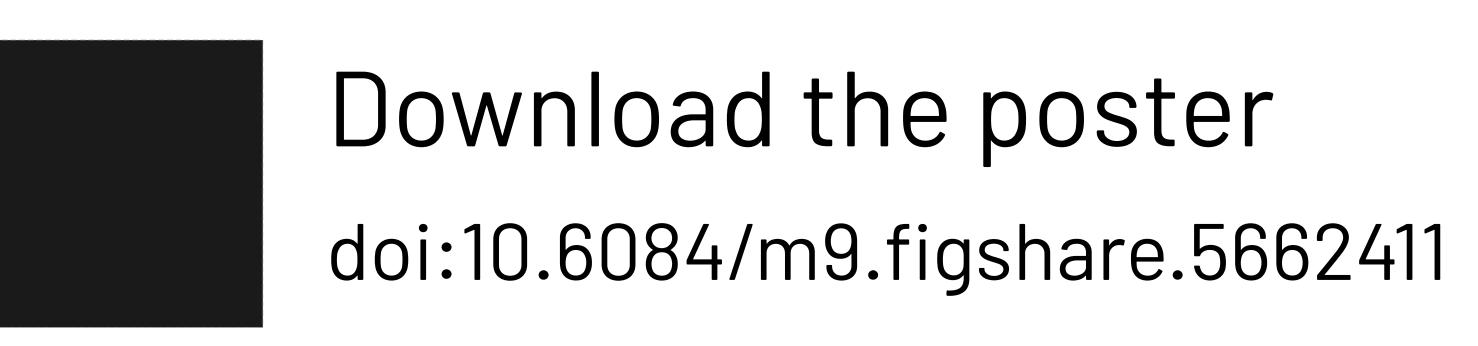
Get involved!

## The GMT/Python library

## Interacting with the GMT C API

```
@fmt_docstring
@use_alias(R="region", J="projection", B="frame", P="portrait", ...)
@kwargs_to_strings(R="sequence", i="sequence_comma")
def plot(self, x=None, y=None, sizes=None, **kwargs):
    "Plot lines, polygons, and symbols on maps."
    with LibGMT() as lib:
        with lib.vectors_to_vfile(x, y) as vfile:
            arg_str = " ".join([vfile, build_arg_string(kwargs)])
            lib.call_module("plot", arg_str)
```





Feel free to photograph or share this poster.

