

Humboldt High Performance Computing Center

Services

- Pre-award and HPC Consulting
- Hardware review
- Code review
- Building custom containers
- Parallel computing
- Software recommendations
- Storage

FREE Computing Resources on the National Research Platform (NRP)

- Jupyter Hub (similar to Google Colab)
- TIDE JupyterHub for CSU researchers
- JupyterHub for Instruction
- Nautilus HyperCluster on the NRP
- NVIDIA DGX-1 Servers

Local Computing Resources

- Ubuntu\Oracle 9 servers running on VMware with NVIDIA GPUs



hum.link/hhpcc

Testimonials

"I went from zero to running my R script in JupyterHub the same day because ITS walked me through the platform. I was then able to run my script in less than half the time because I could claim multiple CPUs and more RAM than I could have dreamed of. I doubled my planned study design factors because the NRP and Tide made it possible to run my simulations in parallel in a shorter amount of time than I would otherwise be able to. I cannot thank ITS enough for their instrumental help in getting me started and running my research on the HPC. ITS reached out to me to help with my research, and even proposed solutions that advanced my efficiency in ways I didn't even conceive of. They wrote a custom program for me so that it would be even easier to run my project simulations."

- Margarete Walden, Postdoctoral Research Associate, U.S. Geological Survey California Cooperative Fish and Wildlife Research Unit

"Processing times have been improved, and the time to complete a 3D model has drastically decreased. We started out letting Metashape run all night on laptops, now my assistant is able to go out and procure a specimen, photograph it and get his model built before his 4 hour shift is over. We are also able to use about double the photos that we were using before, and thus able to make higher quality models."

- AJ Bealum, Project Manager & Programmer, 3D Digital Herbarium



image credit: 3DHerbarium.org

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Information
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