HUBzero® is an open-source software platform used to create websites or "hubs" for research, education, and scientific collaboration. It supports more than 40 sites covering a wide range of scientific areas, including nanotechnology, microelectromechanical systems, earthquake mitigation, volcanology, climate change, biofuels, pharmaceuticals, healthcare, STEM education, and professional ethics. All together, these hubs have served more than 850,000 visitors from 172 countries worldwide during the past 12 months alone.

**HUBzero Features:**

- Simulation/modeling tools powered by the cloud
- Scientific workflows via the Pegasus workflow manager
- Data management in private project areas
- Group areas with calendars, messaging, blogs, wikis
- Publication of electronic resources
- Feedback through ratings, reviews, questions, wishes
- Bibliography and citation management
- Web analytics to assess impact

**References**


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**Engage the HUBzero Project**

http://hubzero.org

**Open Source Community**

Download the open source release and create your own hub. Join discussions on hubzero.org and submit your patches to the core distribution. Create your own components and add new capabilities to the HUBzero framework.

*More information: hubzero.org/community*

**Hosting Services**

Want to start a hub for your community, but don't have the time or expertise to keep it up and running? Take advantage of hosting and consulting services offered by the HUBzero team at Purdue University.

*More information: hubzero.org/hosting*

**HUBzero Foundation**

Work more closely with the HUBzero development community. Gain early access to bug fixes and new features before they become part of the official open source release. Help shape the roadmap and see what's coming down the road.

*More information: hubzero.org/about/foundation*