



STEMEdhub.org – Supporting STEM Education through an Online Resource for All Levels of Education and Users

Ann Bessenbacher

Technology Steward STEMEdhub.org

Evaluation and Learning Research Center

Purdue University



Overview

- What is STEMEdhub?
- How can I use STEMEdhub? (Hands on tour)



What is STEMEdhub?



- Created to bring together researchers in STEM disciplines with teachers and the public through various groups and research projects to create online communities of practice.
- Built with a broad focus on STEM education at all levels of education.



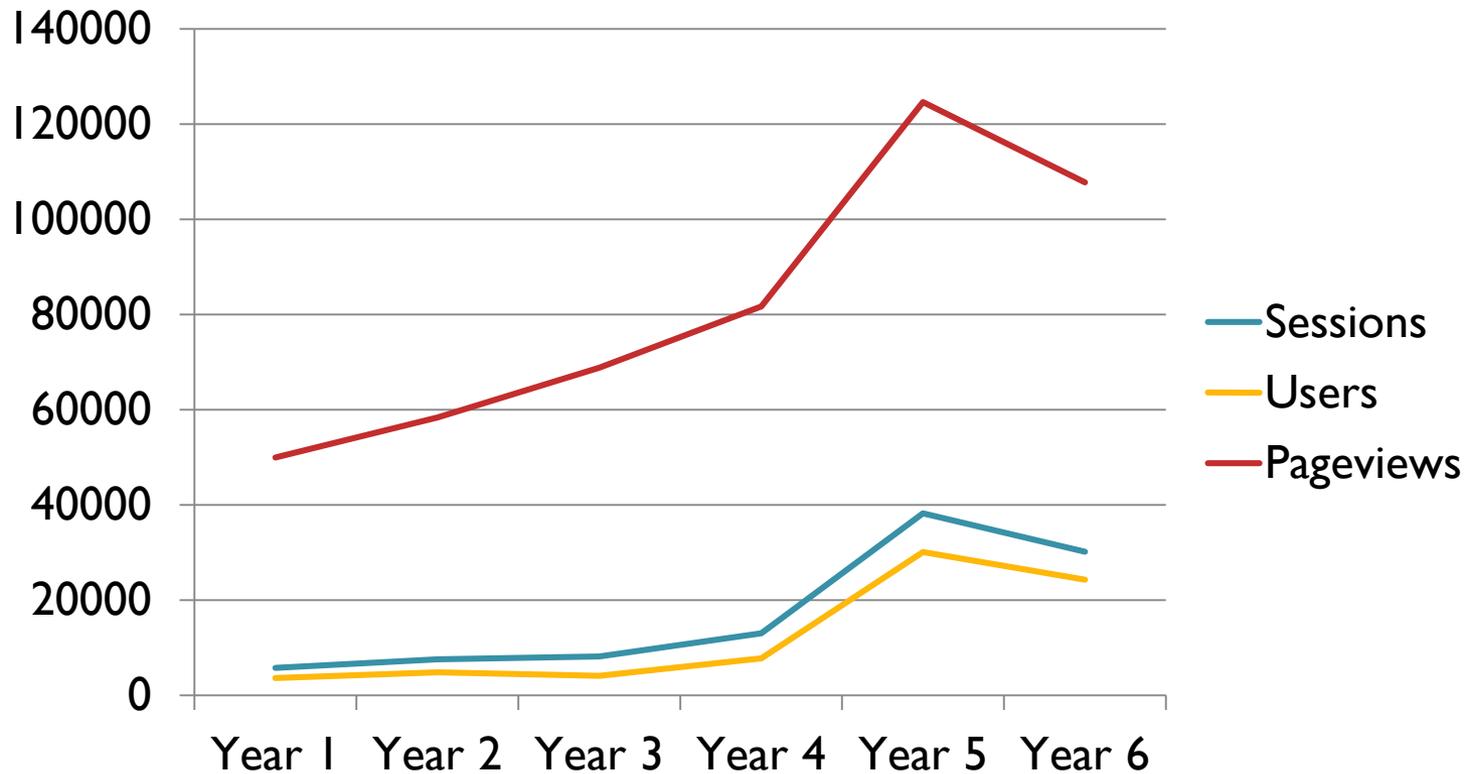
What is STEMEdhub?

- With support from NSF STEMEdhub.org came online April 1, 2011
- Based on hubzero.org
 - Joomla open source code for building Web 2.0 websites
 - Over 40 hub websites have been created
- Built with one hub administrator/technology steward with many group administrators

What is STEMEdhub?



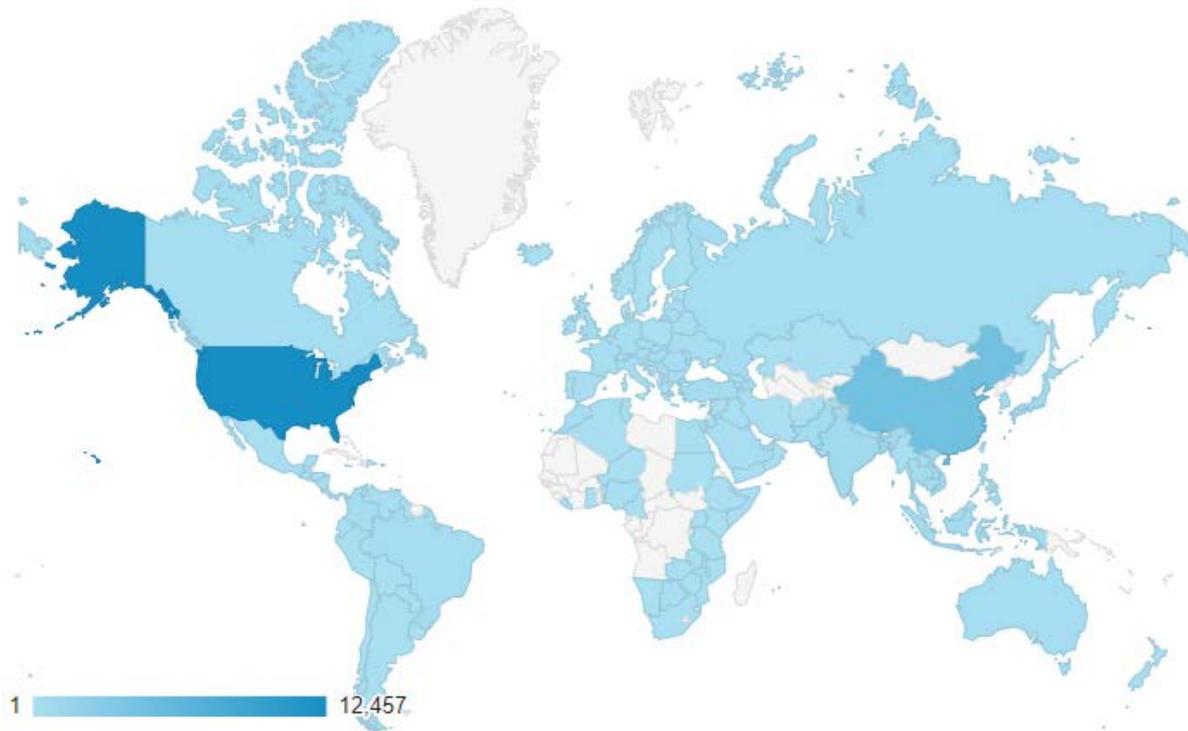
Usage:



What is STEMEdhub?



Visitors/Users from around the world



What is STEMEdhub?



Collection of User Groups

- SLEDhub
- Research Goes to School
- Isee
- ELRC (Evaluation and Learning Research Center)
- TransSTEM
- Institute for Accessible Science
- CLEERhub
- Purdue Undergraduate Research Experiences
- Integrating Statistical Analysis and Experimental Design
- Purdue GISDay

What is STEMEdhub?



User Contributed Resources

- Demonstration Videos
- Downloads
- External Links
- Lesson Plans
- Notes
- Publications
- Seminars
- Teacher Reflections
- Teaching Materials
- Tools

What is STEMEdhub?



Key Hub Features Individual and Group Levels

- Collections
- Wikis
- Forums/Discussion
- Groups
- Calendars
- Citations
- Files
- Projects
- Blogs
- Member Roles
- Messages



Thank you!!

ambessenbacher@purdue.edu