

# #scienceatrisk

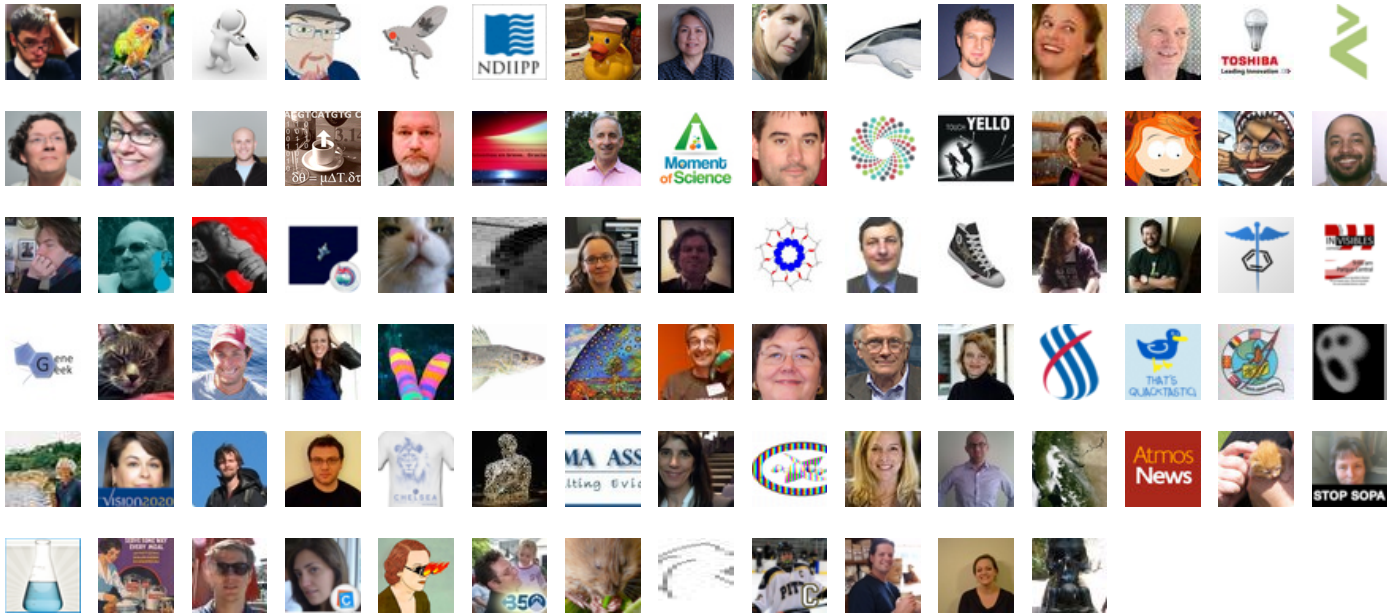
## Science at risk workshop

Day one of the NDIIPP Science at Risk workshop at Library of Congress

## Trending Words

science, rt, @docfreeride:, &, open, data, -, citizen, scientific, scientists, smith:, notebook, online, @boraz, archiving

## Event Participants





RT @BoraZ: #ScienceAtRisk @arfon Smith: 3 rules: collaborators, not users; contribute to real research; don't waste people's time

26-Jun-12 23:29 | tjowens



Such a great day talking with folks at #ScienceAtRisk sorry to have to dart out to catch the last train home! Looking forward to tomorrow.

26-Jun-12 23:08 | tjowens



RT @ndiipp: RT @pmhswe Rhiannon Cain of Cornell Lab of Ornithology on Yardmap (in beta), <http://t.co/apo5mOCB> #ScienceAtRisk

26-Jun-12 21:42 | briaz861



We provide PhD peer review services, support tools & resources. It's open, supportive community building that's challenging #ScienceAtRisk

26-Jun-12 21:36 | Journal\_Prep



RT @docfreeride: PLoS plans to experiment w/ open peer review (& maybe even publishing of best reviews) #ScienceAtRisk

26-Jun-12 21:24 | jbowtie



RT @docfreeride: Dissemination. PLoS trying to do better, working with FigShare and Dryad #ScienceAtRisk

26-Jun-12 21:19 | balapagos



RT @pmhswe Rhiannon Cain of Cornell Lab of Ornithology on Yardmap (in beta), <http://t.co/apo5mOCB> #ScienceAtRisk

26-Jun-12 21:19 | ndiipp



RT @BoraZ #ScienceAtRisk Old Weather reminds me of historical records from fishing ships <http://t.co/UGC6AdhL>

26-Jun-12 21:19 | ndiipp



RT @tjowens Link to LC's web archives that @nullhandle just described <http://t.co/UZ0K5Eru> #ScienceAtRisk

26-Jun-12 21:18 | ndiipp



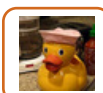
RT @MarthaBunton #scienceatrisk Len Bruno displaying early manuscripts of inventors and scientists <http://t.co/26RVteaQ>

26-Jun-12 21:18 | ndiipp



RT @tjowens Now @MarthaBunton talking about the Science as an open enterprise report <http://t.co/oFH85L4X> #ScienceAtRisk

26-Jun-12 21:17 | ndiipp



? RT @docfreeride: Might recap highlights of bar-fight after the fact. Expect Rashomon-like accuracy. #ScienceAtRisk

26-Jun-12 21:04 | Chemjobber



And the debates will continue at Bullfeathers! #ScienceAtRisk

26-Jun-12 21:01 | pmhswe



Might recap highlights of bar-fight after the fact. Expect Rashomon-like accuracy. #ScienceAtRisk

26-Jun-12 21:01 | docfreeride



Relying on scientists' selfish \*or\* selfless motives apt to be insufficient for our preservation needs. #ScienceAtRisk

26-Jun-12 21:00 | docfreeride



Efforts to identify early-career people who are going to be important in field, interview them early & archive it. #ScienceAtRisk

26-Jun-12 20:54 | docfreeride



RT @netpreserve: Follow #scienceatrisk for tweets from @ndiipp meeting "Science at Risk: Towards a National Strategy for Preserving Online Science"

26-Jun-12 20:49 | archivesnext



Documenting the "afterwards" of scientific results (esp. understanding how society responds, copes) - how to do it? #ScienceAtRisk

26-Jun-12 20:46 | docfreeride



Pritsker: what would be usage of archived materials? If we answer this question, then we could have start of business model. #ScienceAtRisk

26-Jun-12 20:45 | pmhswe



@jakkbl: future preservation interventions may be prohibitively expensive; best to address challenges when content is created #scienceatrisk

26-Jun-12 20:45 | nullhandle



(Future researchers, though, might have different preservation priorities. Get the time machine!) #ScienceAtRisk

26-Jun-12 20:43 | docfreeride



What to select, preserve? Uni libraries have focused audience who can nominate targets. #ScienceAtRisk

26-Jun-12 20:42 | docfreeride



Kunze: at content production need to be mindful of archiving, partner w/ content vendors to create in survivable formats. #ScienceAtRisk

26-Jun-12 20:42 | pmhswe



Content producers shld create with eye to what will be archive-able. Archivists can't count oh having \$ to migrate, reformat #ScienceAtRisk

26-Jun-12 20:41 | docfreeride



Challenges archiving websites: diff file formats, interactive bits. Some shared stds wld make it easier to capture content #ScienceAtRisk

26-Jun-12 20:40 | docfreeride



Smith Rumsey on phased approach to long-term preservation, i.e., what can we do in short-term, locally, first & build on? #ScienceAtRisk

26-Jun-12 20:36 | pmhswe



MT @netpreserve: Follow #scienceatrisk for @ndiipp meeting "Science at Risk: Towards a National Strategy for Preserving Online Science"

26-Jun-12 20:36 | blefurgy



Preserving the discussion vs. preserving "the answer". (But having same convo after answer is known can be a problem) #ScienceAtRisk

26-Jun-12 20:34 | docfreeride



@momentofscience Of course! We try to dedicate every moment to #science! :- ) #ScienceAtRisk

26-Jun-12 20:34 | ToshibaInnovate



Follow #scienceatrisk for tweets from @ndiipp meeting "Science at Risk: Towards a National Strategy for Preserving Online Science"

26-Jun-12 20:34 | netpreserve



@experriment I am! Super honored to be included among the prestigious group here at #scienceatrisk

26-Jun-12 20:30 | Thescienceofant



@KristenRatan: how do we better integrate social graph in commentary on published science? #altmetrics #scienceatrisk

26-Jun-12 20:29 | nullhandle



Are authority and authenticity in tension in these different modes of scientific communication, engagement? #ScienceAtRisk

26-Jun-12 20:29 | docfreeride



@MPritsker thinks alternate types of scientific communication need to be counted diff so we don't destroy currency of science #ScienceAtRisk

26-Jun-12 20:28 | docfreeride



RT @momentofscience: Anyone else following the #ScienceAtRisk Tweets? They're quite interesting! (We <3 #Science!)

26-Jun-12 20:28 | portscafesci



(Muchas gracias to the #ScienceAtRisk tweeps, next best thing to actually being there.)

26-Jun-12 20:27 | sennoma



People still hesitant to make open comments on other researchers' papers. (Conservative compared to what they'll say at bar) #ScienceAtRisk

26-Jun-12 20:27 | docfreeride



The public? RT @docfreeride: For whom are the #altmetrics most useful? (People doing science vs. people studying scientists) #ScienceAtRisk

26-Jun-12 20:26 | mrgunn



RT @momentofscience: Anyone else following the #ScienceAtRisk Tweets? They're quite interesting! (We <3 #Science!)

26-Jun-12 20:26 | ChristianFaty



#ScienceAtRisk This jnlst/parent loves science. Discovering Jove +. So much amazing info. Too much. How to curate?

26-Jun-12 20:25 | Schulderncn



Anyone else following the #ScienceAtRisk Tweets? They're quite interesting! (We <3 #Science!)

26-Jun-12 20:25 | momentofscience



For whom are the alt-metrics most useful? (People doing science vs. people studying scientists) #ScienceAtRisk

26-Jun-12 20:25 | docfreeride



@KristenRatan: scientific reputation metrics increasingly taking non-traditional fora (e.g., blogs, video) into account #scienceatrisk

26-Jun-12 20:23 | nullhandle



(Hope that video formats don't become obsolete in that time.) #ScienceAtRisk

26-Jun-12 20:22 | docfreeride



JoVE archives all its articles in PubMed Central, will be freely accessible in 2 years. #ScienceAtRisk

26-Jun-12 20:22 | docfreeride



RT @docfreeride: Dissemination. PLoS trying to do better, working with FigShare and Dryad #ScienceAtRisk

26-Jun-12 20:18 | figshare



Producing effective videos yourself is hard; OA alternatives to JoVE haven't taken off (... but aren't useless) #ScienceAtRisk

26-Jun-12 20:18 | docfreeride



@mpritsker: will scientists be any better able to anticipate what to include in videos as opposed to describe in article? #scienceatrisk

26-Jun-12 20:17 | nullhandle



JoVE won't work on pay-per-article model, says @MPritsker Problem that institutional budgets might preclude subscription #ScienceAtRisk

26-Jun-12 20:16 | docfreeride



Pritsker:huge amt of historical data re: how experiments are done 2day; in future, will be done differently. Need 2 preserve #ScienceAtRisk

26-Jun-12 20:14 | pmhswe



How experiments are done will change over time. Document ALL experiments (all versions) & archive them? #ScienceAtRisk

26-Jun-12 20:13 | docfreeride



I wish there was information about #ScienceAtRisk outside of Twitter. It sounds like something I'd want to follow in more detail.

26-Jun-12 20:13 | bosaurachs



W/in nat'l strategy for preserving science, where does JoVE fit? Has huge amt of real historical data on how expts done now #ScienceAtRisk

26-Jun-12 20:13 | docfreeride



Pritsker: Article starts as text submission. JoVE films video in scientist's lab. Has network of videographers around globe. #ScienceAtRisk

26-Jun-12 20:10 | pmhswe



(But since the raw footage is edited, still making call about what details are important/unimportant.) #ScienceAtRisk

26-Jun-12 20:10 | docfreeride



How it works: You do the expts, JoVE films in your lab, edited to the 10 min of comprehensive demonstration. #ScienceAtRisk

26-Jun-12 20:09 | docfreeride



NIH is top traffic-source for JoVE. Total traffic > 250k unique visitors/month. #ScienceAtRisk

26-Jun-12 20:07 | docfreeride



Might be interesting but not sure HOW RT @docfreeride: Still, initial resistance to publishing in JoVE. We fear change. #ScienceAtRisk

26-Jun-12 20:06 | JATetro



Subscriptions (from universities, biotech companies, research institutes) #ScienceAtRisk

26-Jun-12 20:06 | docfreeride



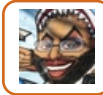
Also publication costs <http://t.co/AVmWdG0n> RT @docfreeride: Still, initial resistance to publishing in JoVE. We fear change. #ScienceAtRisk

26-Jun-12 20:06 | biochembelle



(Videos of transfer of solutions via micropipette don't add that much info, in my estimation.) #ScienceAtRisk

26-Jun-12 20:01 | docfreeride



RT @surlyF: UVA fixed now. Turning attention back to #scienceatrisk

26-Jun-12 20:00 | iamtimmo



RT @surlyF: UVA fixed now. Turning attention back to #scienceatrisk

26-Jun-12 20:00 | knowmansland



UVA fixed now. Turning attention back to #scienceatrisk

26-Jun-12 20:00 | surlyF



RT @docfreeride: Scientists need to feel like there's a benefit to them for engaging. (And not a risk ...) #ScienceAtRisk

26-Jun-12 20:00 | experriment



Food security and climate change, Seeddaily, <http://t.co/Jcr1YEZf> #water #ScienceAtRisk

26-Jun-12 19:58 | Water\_Climate



Videos include scientists introducing method, an animation via diagram, then video of actual procedure (watching expt done) #ScienceAtRisk

26-Jun-12 19:58 | docfreeride



Pritsker co-founded Journal of Visualized Experiments, <http://t.co/eoHAjPpZ> #ScienceAtRisk

26-Jun-12 19:58 | pmhswe



@jeannegarb We're all over it! @docfreeride: show it in video (but traditional text still part of the story) #ScienceAtRisk

26-Jun-12 19:57 | alphachimp



@jeannegarb We're all over it! @docfreeride: show it in video (but traditional text still part of the story) #ScienceAtRisk

26-Jun-12 19:57 | experriment



JoVE says: show it in video + text rather than text alone (but traditional text still part of the story) #ScienceAtRisk

26-Jun-12 19:56 | docfreeride



RT @nullhandle: @arfon: machines will find what you ask them to look for; people will find that and more #galaxyzoo #scienceatrisk

26-Jun-12 19:55 | Blackprojects



RT @docfreeride: Video can be less ambiguous than even the most careful text description of a procedure. #ScienceAtRisk

26-Jun-12 19:55 | Bontrop



RT @nullhandle: @arfon: #galaxyzoo contributors primarily motivated by perception of value in contributing to research #scienceatrisk

26-Jun-12 19:55 | Blackprojects



Video can be less ambiguous than even the most careful text description of a procedure. #ScienceAtRisk

26-Jun-12 19:55 | docfreeride



@MPritsker: overlooked indicator of preserved science: ability for other scientists to reproduce results  
#scienceatrisk

26-Jun-12 19:50 | nullhandle



Moshe Pritzker (Jrnl of Visualized Experiments) shows 1943 article describing experiment & questions whether reproducible. #ScienceAtRisk

26-Jun-12 19:50 | pmhswe



Changes in technology, terminology, "common knowledge" results in loss of knowledge. Text suboptimal at preserving knowledge #ScienceAtRisk

26-Jun-12 19:48 | docfreeride



RT @docfreeride: Also negative results as part of the story of science that traditionally was left out.  
#ScienceAtRisk

26-Jun-12 19:46 | PepeGanga



Describing how to do the experiment versus showing how to do the experiment; small but crucial details not clear in text. #ScienceAtRisk

26-Jun-12 19:46 | docfreeride



RT @nullhandle: @arfon: machines will find what you ask them to look for; people will find that and more  
#galaxyzoo #scienceatrisk

26-Jun-12 19:45 | KarenLMasters



RT @nullhandle: @arfon: #galaxyzoo contributors primarily motivated by perception of value in contributing to research #scienceatrisk

26-Jun-12 19:45 | KarenLMasters



JoVE as example of video-based science journal. #ScienceAtRisk

26-Jun-12 19:44 | docfreeride



RT @docfreeride: Tell the scientific story in new ways. (Problems with old ways?) Add multimedia, background, follow-up #ScienceAtRisk

26-Jun-12 19:44 | nailest



Improving usefulness requires getting a sense of what ppl want to do/what extra info they need to do it.  
#ScienceAtRisk

26-Jun-12 19:43 | docfreeride



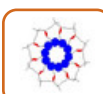
Copy & paste that includes the URL of the source. (The New Yorker has this feature.) #ScienceAtRisk

26-Jun-12 19:42 | docfreeride



Tracking which figure in article ppl downloaded most - journals didn't use this capability. WTH not?  
#ScienceAtRisk

26-Jun-12 19:41 | docfreeride



RT @docfreeride: Scientists need to feel like there's a benefit to them for engaging. (And not a risk ...)  
#ScienceAtRisk

26-Jun-12 19:39 | MU\_Peter



Tracking attention easier than tracking intention. (I assume you'd need reliable sentiment-mining for the latter)  
#ScienceAtRisk

26-Jun-12 19:39 | docfreeride



@KristenRatan: those reading articles often interested in atomic component part that may've been truncated in final pub #scienceatrisk

26-Jun-12 19:39 | nullhandle



Mining, <http://t.co/BZ789kYt> , re-use tools as something PLoS and other journals may investigate going forward. #ScienceAtRisk

26-Jun-12 19:34 | docfreeride



RT @docfreeride: Also negative results as part of the story of science that traditionally was left out. #ScienceAtRisk

26-Jun-12 19:34 | drugmonkeyblog



#ScienceAtRisk

26-Jun-12 19:34 | Astro\_Amy



RT @docfreeride: Shoutout to "Story behind the paper" from @phylogenomics on "Tree of Life" blog. #ScienceAtRisk

26-Jun-12 19:33 | phylogenomics



PLoS adding lots of metadata to figures/images to make them more portable, reusable. #ScienceAtRisk

26-Jun-12 19:33 | docfreeride



Since consumers don't want everything from every article, looking for ways to deconstruct the container, atomize the info #ScienceAtRisk

26-Jun-12 19:32 | docfreeride



RT @docfreeride: Coming up at #ScienceAtRisk @boraz on science blogging and @Thescienceofant on open notebook science.

26-Jun-12 19:32 | ODDTInfo



Dissemination. PLoS trying to do better, working with FigShare and Dryad #ScienceAtRisk

26-Jun-12 19:31 | docfreeride



Shoutout to "Story behind the paper" from @phylogenomics on "Tree of Life" blog. #ScienceAtRisk

26-Jun-12 19:31 | docfreeride



RT @BoraZ: #ScienceAtRisk Old Weather reminds me of historical records from fishing ships <http://t.co/oGjwx0uv>

26-Jun-12 19:31 | Interpretingr



RT @docfreeride: Tell the scientific story in new ways. (Problems with old ways?) Add multimedia, background, follow-up #ScienceAtRisk

26-Jun-12 19:30 | genegeek



@KristenRatan: article is constrained container that we've become too accustomed to; opportunity for publishing innovation #scienceatrisk

26-Jun-12 19:29 | nullhandle



Also negative results as part of the story of science that traditionally was left out. #ScienceAtRisk

26-Jun-12 19:28 | docfreeride



Tell the scientific story in new ways. (Problems with old ways?) Add multimedia, background, follow-up #ScienceAtRisk

26-Jun-12 19:27 | docfreeride



Infrastructure to move papers through more quickly, connect to right editors & reviewers faster, etc. Capturing author data #ScienceAtRisk

26-Jun-12 19:26 | docfreeride





Since @MPritsker is only publisher in the room, @KristenRatan plans to speak freely abt. publishing #ScienceAtRisk

26-Jun-12 19:21 | docfreeride



Next up: @KristenRatan talks about PLoS and @MPritsker talks about JoVE, both "new models of sci pub" #ScienceAtRisk

26-Jun-12 19:14 | docfreeride



The user interface changes how ppl enter data. (& data entry embeds ontological commitments) #ScienceAtRisk

26-Jun-12 19:07 | docfreeride



Changes in user experience in citizen science projects can also have huge impact on data entry already done. #ScienceAtRisk

26-Jun-12 19:07 | pmhswe



@docfreeride "Science" being decentralized again (away fr academic domain) may require new methods of review, archives #ScienceAtRisk

26-Jun-12 19:06 | rocza



You can have versioned history of what's been done in citizen sci project but reproducing as it was months ago--LOT of work. #ScienceAtRisk

26-Jun-12 19:06 | pmhswe



@docfreeride Citizen Science used to just BE science - societies, etc, published papers. These days, need lots of degrees 1st #ScienceAtRisk

26-Jun-12 19:05 | rocza



Japanese govt. urged to use citizen science to track post-Fukushima radiation levels. Responded "What's citizen science?" #ScienceAtRisk

26-Jun-12 19:03 | docfreeride



Infrastructure for preserving diff kinds of data driven in part by funding, what funders recognize as worth saving. #ScienceAtRisk

26-Jun-12 19:01 | docfreeride



RT @docfreeride: NatGeo support for <http://t.co/tbleqQXH> shaky. <http://t.co/53HgWU2B> is functionally the replacement #ScienceAtRisk

26-Jun-12 19:01 | drugmonkeyblog



Can't plan fully for the stuff you don't know is going to happen. #ScienceAtRisk

26-Jun-12 19:00 | docfreeride



RT @docfreeride: Blogging software just as useful in promoting denialism as in promoting science #ScienceAtRisk

26-Jun-12 19:00 | drugmonkeyblog



Real concern in citizen science projects for current inability to preserve discussions happening in community forums. #ScienceAtRisk

26-Jun-12 19:00 | pmhswe




RT @docfreeride: (I'd note lots of academics blog w/no intention of being full-time "science writers") #ScienceAtRisk

26-Jun-12 18:59 | PeppeGanga




+1 RT @docfreeride: Do you have a duty to submit to #OA journals so citizen participants can access work they contributed to? #ScienceAtRisk

26-Jun-12 18:59 | mrgunn



RT @docfreeride: (I'd note lots of academics blog w/no intention of being full-time "science writers")  
#ScienceAtRisk

26-Jun-12 18:55 | drugmonkeyblog




It overjoys me that we got #realwomenofscience trending last week, and now it's #scienceatrisk. It's a science twitter take over, I approve!

26-Jun-12 18:54 | LizTapanes




Need to tailor activities to what people CAN do, and what they're willing to do #ScienceAtRisk

26-Jun-12 18:53 | docfreeride




@boraz asks how to control for subjective bias in large-scale citizen science #scienceatrisk

26-Jun-12 18:53 | nullhandle



Different particular classifications tasks (can be good at one, bad at another) #ScienceAtRisk

26-Jun-12 18:53 | docfreeride




Galaxy Zoo spent much time, effort demonstrating that crowdsourced classifiers were reliable. #ScienceAtRisk

26-Jun-12 18:52 | docfreeride




Weeding out biased reports/reporters is important. Comparison w/ experts' predictions #ScienceAtRisk

26-Jun-12 18:51 | docfreeride




Dangers of systematic subjective bias in citizen science? (Does it cancel out or lean in same direction?)  
#ScienceAtRisk

26-Jun-12 18:51 | docfreeride




Even Cornell Lab of Ornithology leaks data, despite thinking hard about archiving (e.g., Flickr pics of birds w/metadata) #ScienceAtRisk

26-Jun-12 18:49 | docfreeride




Videostream from cameras near nests plus moderated livechats. A detailed annotation that disappeared.  
#ScienceAtRisk

26-Jun-12 18:48 | docfreeride




Desire to share data driving researchers, birders to report in same format. #ScienceAtRisk

26-Jun-12 18:48 | docfreeride




Knowledge collected at Avian Knowledge Network (including data on reliability of each birder) #ScienceAtRisk

26-Jun-12 18:47 | docfreeride




<http://t.co/3vdAEnCe> draws on data birders were already collecting. A competitive bunch. #ScienceAtRisk

26-Jun-12 18:47 | docfreeride



crain: citizen science conversations that take place on social media platforms quickly disappear from view  
#scienceatrisk

26-Jun-12 18:47 | nullhandle



Entangled: data collection, environmental awareness, scientific understanding. #ScienceAtRisk

26-Jun-12 18:47 | docfreeride



Cain: citizen sci communities are cropping up, such as on FB & conduct serious, resolution-reaching forums. How to preserve? #ScienceAtRisk

26-Jun-12 18:45 | pmhswe



Clebrate Urban Birding as less competitive than most birding; entry-point project #ScienceAtRisk

26-Jun-12 18:45 | docfreeride



Cornell Lab of Ornithology Project Feeder Watch tracks data on invasive species #ScienceAtRisk

26-Jun-12 18:45 | docfreeride



Not all citizen science is online citizen science #ScienceAtRisk

26-Jun-12 18:45 | docfreeride



We know what to do with the data that gets generated, but not with distillations of other info #ScienceAtRisk

26-Jun-12 18:44 | docfreeride



Also blog content #ScienceAtRisk

26-Jun-12 18:44 | docfreeride



<http://t.co/EQeYq90n> has tutorial about how to use Excel to analyze data #ScienceAtRisk

26-Jun-12 18:44 | docfreeride



Archiving those forum discussions may be a challenge #ScienceAtRisk

26-Jun-12 18:44 | docfreeride



Discussions w/in community of classifiers (recognizing that you've found something) #ScienceAtRisk

26-Jun-12 18:44 | docfreeride



RT @BoraZ: #ScienceAtRisk Rhiannon Crain: <http://t.co/VVz9fyA5> - you really get to know your yard!

26-Jun-12 18:43 | Mary\_Thill



Publications which convey results (methods to produce them often lost) #ScienceAtRisk

26-Jun-12 18:43 | docfreeride



Products of Citizen Science? Lots of user-generated classificatory data (only of use w/data being classified) #ScienceAtRisk

26-Jun-12 18:42 | docfreeride



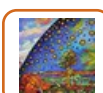
crain: crowd-produced data is great for publishing papers, but even better when it's connected to people's lives #scienceatrisk

26-Jun-12 18:42 | nullhandle



Also of educational value. #ScienceAtRisk

26-Jun-12 18:42 | docfreeride



RT @BoraZ: #ScienceAtRisk Old Weather reminds me of historical records from fishing ships <http://t.co/oGjwx0uv>

26-Jun-12 18:42 | torilife



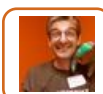
Cain: Yardmap, <http://t.co/8IUXp2RG>, is about collecting data about bird habitats, using micromaps. #ScienceAtRisk cc @maplibrarian

26-Jun-12 18:38 | pmhswe



#ScienceAtRisk Rhiannon Crain: <http://t.co/VVz9fyA5> - you really get to know your yard!

26-Jun-12 18:38 | BoraZ



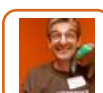
#ScienceAtRisk Rhiannon Crain: Nest Watch - monitoring eggs, hatching, fledging of birds....

26-Jun-12 18:36 | BoraZ



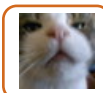
Valuable because of scale of data in need of human classifiers #ScienceAtRisk

26-Jun-12 18:34 | docfreeride



#ScienceAtRisk Rhiannon Crain - birdfeeder count tracked superfast spread of invasive pigeon species, escaped from petzoo in Bahamas

26-Jun-12 18:34 | BoraZ



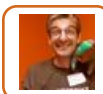
RT @docfreeride: Ethics of crowdsourced sci: 2. Contribute to real research. #ScienceAtRisk

26-Jun-12 18:32 | Bontrop



RT @docfreeride: Ethics of crowdsourced sci: 1. Collaborators, not users, #ScienceAtRisk

26-Jun-12 18:32 | Bontrop



RT @pmhswe: Rhiannon Cain of Cornell Lab of Ornithology on Yardmap (in beta), <http://t.co/pnx7Awml> #ScienceAtRisk

26-Jun-12 18:32 | BoraZ



Ethics of crowdsourced sci: 3. Don't waste people's time. #ScienceAtRisk

26-Jun-12 18:32 | docfreeride



Ethics of crowdsourced sci: 2. Contribute to real research. #ScienceAtRisk

26-Jun-12 18:32 | docfreeride



Ethics of crowdsourced sci: 1. Collaborators, not users, #ScienceAtRisk

26-Jun-12 18:32 | docfreeride



Zooniverse collects citizen science projects of various sorts (a universe of "zoos") #ScienceAtRisk

26-Jun-12 18:31 | docfreeride



Why do people contribute to citizen science? Big A: see value in contributing to research. #ScienceAtRisk

26-Jun-12 18:31 | docfreeride



Other data from ship records besides weather (e.g., sickbay spikes w/1918 flu epidemic) #ScienceAtRisk

26-Jun-12 18:31 | docfreeride



Data exist, just not in machine-readable form. Crowdsourcing transcription can help. #ScienceAtRisk

26-Jun-12 18:31 | docfreeride



<http://t.co/V92H4FUG> as way to crowdsource analysis of images. 175,000 volunteers, going on 40 pubs  
#ScienceAtRisk

26-Jun-12 18:29 | docfreeride



RT @BoraZ: #ScienceAtRisk @arfon Smith: 3 rules: collaborators, not users; contribute to real research; don't waste people's time

26-Jun-12 18:29 | MarthaBunton



Classification of galaxies by shape something astronomers like to do. Computers not good at it. #ScienceAtRisk

26-Jun-12 18:29 | docfreeride



Amount of data >>grad student eyeballs, hours. Training the public helps science. #ScienceAtRisk

26-Jun-12 18:29 | docfreeride



Zooniverse set up to tackle a research problem that needs solving - need a trained human brain but not nec a grad stud #ScienceAtRisk

26-Jun-12 18:29 | docfreeride



Arfon Smith zooniverse, soc'l contract when crowds'rcing: community = collab not usrs, contrib 2 real research, no waste time #scienceatrisk

26-Jun-12 18:29 | cfle205



Fold It At Home "players" have become best protein-folders in the world. #ScienceAtRisk

26-Jun-12 18:28 | docfreeride



SETI at home is not citizen science (volunteer computing) but is PPSR #ScienceAtRisk

26-Jun-12 18:28 | docfreeride



RT @docfreeride: NatGeo support for <http://t.co/tbleqQXH> shaky. <http://t.co/53HgWU2B> is functionally the replacement #ScienceAtRisk

26-Jun-12 18:28 | mariawolters



#ScienceAtRisk Old Weather reminds me of historical records from fishing ships <http://t.co/oGjwx0uv>

26-Jun-12 18:28 | BoraZ



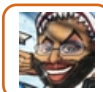
Now @arfon talks about Zoonivers and public participation in scientific research (PPSR) -- aka citizen science #ScienceAtRisk

26-Jun-12 18:28 | docfreeride



Bloggers who are artists/photographers may be pickier about how you can use the images they post. #ScienceAtRisk

26-Jun-12 18:28 | docfreeride



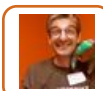
"Give peas a chance." #groan / RT @BoraZ: #ScienceAtRisk @arfon Smith: discovery of the Green Pea galaxies - new knowledge.

26-Jun-12 18:25 | iamtimmo



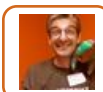
"Give peas a chance." #groan / RT @BoraZ: #ScienceAtRisk @arfon Smith: discovery of the Green Pea galaxies - new knowledge.

26-Jun-12 18:25 | knowmansland



#ScienceAtRisk @arfon Smith: <http://t.co/e5y18Uym> looks for exoplanets

26-Jun-12 18:25 | BoraZ



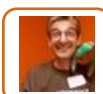
#ScienceAtRisk @arfon Smith: ethics of crowdsourcing - social contract: 3 rules:

26-Jun-12 18:20 | BoraZ



@arfon: #galaxyzoo contributors primarily motivated by perception of value in contributing to research  
#scienceatrisk

26-Jun-12 18:19 | nullhandle



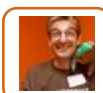
#ScienceAtRisk @arfon Smith: 650,000 people total volunteered to different Zooniverse projects.

26-Jun-12 18:19 | BoraZ



#ScienceAtRisk Check out <http://t.co/QXj0dsmi>'s featured search on climate change <http://t.co/R19ZS9gi>

26-Jun-12 18:18 | OSTIgov



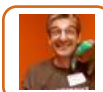
#ScienceAtRisk @arfon Smith: lots of great weather information from colonial times, rotting in cellars of Nairobi, should be digitized, used.

26-Jun-12 18:16 | BoraZ



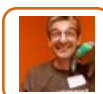
RT @BoraZ: #ScienceAtRisk Arfon Smith: Old Weather project - weather records from the past, citizen science project

26-Jun-12 18:16 | MGhydro



#ScienceAtRisk @arfon Smith: hurricane in England? Yes, once. See the model of the weather put together.

26-Jun-12 18:14 | BoraZ



#ScienceAtRisk Arfon Smith: Navy obsessed with recording weather all the time: pooling all the historical information, digitizing organizing

26-Jun-12 18:13 | BoraZ



#ScienceAtRisk @Thescienceofant points out big differences in organization between wiki and blog Open Notebooks. #iswt12 #iste12 #edchat

26-Jun-12 18:13 | Ldg32



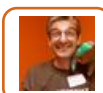
@arfon: recent progress in imaging tech has vastly increased # of astral bodies needing manual classification  
#galaxyzoo #scienceatrisk

26-Jun-12 18:12 | nullhandle



RT @pmhswe: Now up: Arfon Smith on citizen science projects in Zooniverse, <http://t.co/YQMCWQVR>  
#ScienceAtRisk

26-Jun-12 18:12 | MarthaBunton



#ScienceAtRisk Arfon Smith: Old Weather project - weather records from the past, citizen science project

26-Jun-12 18:12 | BoraZ



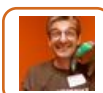
RT @cboettig: Loving the discussion of open notebook science from @Thescienceofant's presentation at #ScienceAtRisk right now!

26-Jun-12 18:11 | Journal\_Prep



Thanks everyone at #scienceatrisk for all the amazing questions!

26-Jun-12 18:11 | Thescienceofant



#ScienceAtRisk Arfon Smith: Galazy Zoo - millions of images, far too many, but required human eyes and brains, thus crowdsourcing.

26-Jun-12 18:08 | BoraZ



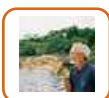
Next at #ScienceAtRisk - Zooniverse and citizen science

26-Jun-12 18:04 | BoraZ



RT @BoraZ Oh no, @docfreeride hit the Twitter daily limit - #ScienceAtRisk // Quick -- let's talk trash about her while she can't reply! >:)

26-Jun-12 18:04 | drskyskull



@docfreeride Traceable changing protocol to protect content...Transparency of notebooks as insurance against dishonesty, #ScienceAtRisk

26-Jun-12 18:04 | diverdutch



Oh no, @docfreeride hit the Twitter daily limit - #ScienceAtRisk

26-Jun-12 18:02 | BoraZ



RT @docfreeride: Quoth @boraz : "Tenure track \*is\* an alternative science career path now." #ScienceAtRisk

26-Jun-12 18:02 | PHLane



@thescienceofant: open notebook has made me a better scientist; transparency disincentivizes questionable shortcuts #scienceatrisk

26-Jun-12 18:01 | nullhandle



Since aggregates only aggregate links (& from people who ask to be aggregated), copyright issues haven't been a problem. Yet. #ScienceAtRisk

26-Jun-12 18:00 | docfreeride



RT @docfreeride: Science blogosphere big enough that lots of parts are not in good contact with each other. #ScienceAtRisk

26-Jun-12 18:00 | PHLane



RT @MPritsker: Anthony Salvagno @Thescienceofant PhD student showed good application of Open Notebooks in his research #ScienceatRisk <http://t.co/FrnajtjV>

26-Jun-12 17:59 | MarthaBunton



Loving the discussion of open notebook science from @Thescienceofant's presentation at #ScienceAtRisk right now!

26-Jun-12 17:59 | cboettig



Transparency of notebooks as insurance against dishonesty, shortcuts (since others could be watching) #ScienceAtRisk

26-Jun-12 17:58 | docfreeride



RT @pmhswe: Q: What do you consider your final product? Salvagno (@thescienceofant): My notebook is my final product. #ScienceAtRisk

26-Jun-12 17:57 | cboettig



Should we be worried about vulnerability/breakability of online open notebooks? If it breaks, how to defend self? Backups #ScienceAtRisk

26-Jun-12 17:57 | docfreeride



Anthony Salvagno @Thescienceofant PhD student showed good application of Open Notebooks in his research #ScienceatRisk <http://t.co/FrnajtjV>

26-Jun-12 17:55 | MPritsker



#ScienceAtRisk Jyanpani kataramai paryo ta :P

26-Jun-12 17:55 | sawrose\_dh



Many PIs are not feeling ONS at all. Trainees, attend to what makes your PI comfortable! #ScienceAtRisk

26-Jun-12 17:49 | docfreeride



RT @Thescienceofant: In case you want to know, here is my presentation that I'll be giving at #scienceatrisk meeting <http://t.co/Mmbc0bKE>

26-Jun-12 17:48 | figshare



But @Thescienceofant says once you're going, keeping the open notebook isn't TOO time consuming #ScienceAtRisk

26-Jun-12 17:48 | docfreeride



RT @docfreeride: Posting photos as well as plotted data; using FigShare repository to share data with others. #ScienceAtRisk

26-Jun-12 17:48 | figshare



(Some types of science may just be inappropriate for ONS. Privacy issues, patentable info, time required) #ScienceAtRisk

26-Jun-12 17:47 | docfreeride



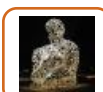
@thescienceofant's open notebook isn't a website so much as a constellation of websites #scienceatrisk

26-Jun-12 17:46 | nullhandle



Q: Any way to "close" pages on "open" notebooks (e.g., to protect human subjects)? A: Private posts still hackable ... #ScienceAtRisk

26-Jun-12 17:46 | docfreeride



RT @docfreeride: Quoth @boraz : "Tenure track \*is\* an alternative science career path now." #ScienceAtRisk

26-Jun-12 17:44 | robin\_in\_a\_tree



What does it take to get lurkers to engage (visibly) with open notebooks? #ScienceAtRisk

26-Jun-12 17:44 | docfreeride



Salvagno mentions @olendorf - librarian at U. New Mexico - who uses GitHub as open notebook: <http://t.co/XvN2MOfR> #ScienceAtRisk

26-Jun-12 17:44 | pmhswe



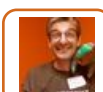
Made students keep open notebooks (in different platforms) and interact w/ each other. Interesting pilot study #ScienceAtRisk

26-Jun-12 17:43 | docfreeride



Stuff in Google docs presents its own archiving challenges ... #ScienceAtRisk

26-Jun-12 17:42 | docfreeride



#ScienceAtRisk @Thescienceofant points out big differences in organization between wiki and blog Open Notebooks. Different archiving needs.

26-Jun-12 17:42 | BoraZ



Another locus of ONS: <http://t.co/wwQ7TI5H> (can upload code directly as textfile -- but what to do when it's overwritten?) #ScienceAtRisk

26-Jun-12 17:42 | docfreeride



How to archive OpenWetWare (when things are constantly updated & reorganized)? #ScienceAtRisk

26-Jun-12 17:41 | docfreeride





After #scio12 got help writing grant -- peer review via Twitter! #ScienceAtRisk

26-Jun-12 17:38 | docfreeride



When @Thescienceofant realized his open notebook was also a blog: when he started venting (& getting his ass handed to him) #ScienceAtRisk

26-Jun-12 17:36 | docfreeride



RT @nullhandle: @boraz: border between science and science blogging becoming increasingly porous #scienceatrisk

26-Jun-12 17:36 | Journal\_Prep



RT @docfreeride: Serious aggregation (with quality control) at <http://t.co/JzjMudFe> (among others) #ScienceAtRisk

26-Jun-12 17:36 | MarthaBunton



Sense of community among open notebook scientists and online scientists more broadly. Ppl happy to point to answers #ScienceAtRisk

26-Jun-12 17:35 | docfreeride



RT @pmhswe: Salvagno's blog on open notebook science - <http://t.co/5bwjA0O7> #ScienceAtRisk

26-Jun-12 17:35 | MarthaBunton



Salvagno documents both successful & failed experiments at his blog. Sharing negative results is in spirit of open science. #ScienceAtRisk

26-Jun-12 17:35 | pmhswe



Posting photos as well as plotted data; using FigShare repository to share data with others. #ScienceAtRisk

26-Jun-12 17:34 | docfreeride



Efforts to replicate published experiments; troubleshooting reasons why replication efforts failed. #ScienceAtRisk

26-Jun-12 17:33 | docfreeride



Data points from timed experiments posted as collected (which others could see upon refreshing page) #ScienceAtRisk

26-Jun-12 17:32 | docfreeride



Making effort to list & link all details, making everything traceable, requires certain level of OCD #ScienceAtRisk

26-Jun-12 17:31 | docfreeride



Protocols aimed at scientists but @Thescienceofant tries to present w/ minimal jargon, understandable to anyone #ScienceAtRisk

26-Jun-12 17:31 | docfreeride



Project planning via Handrite on Android phone, discussion thread w/ colleagues on blog (here's what to try), etc. #ScienceAtRisk

26-Jun-12 17:30 | docfreeride



Salvagno's blog on open notebook science - <http://t.co/5bwjA0O7> #ScienceAtRisk

26-Jun-12 17:29 | pmhswe



Includes protocols, equipment lists, negative results, elaborations (e.g., how he made it work), "excessive detail" #ScienceAtRisk

26-Jun-12 17:29 | docfreeride



But ... "This is research in real time, not a blog!" OK, it's a special kind of blog. #ScienceAtRisk

26-Jun-12 17:26 | docfreeride



Now: @Thescienceofant on open notebook science. "Blogging" as way to join science & graphic design leanings. #ScienceAtRisk

26-Jun-12 17:26 | docfreeride



Applaud #ScienceAtRisk efforts to preserve science online as we continue to provide access @sciencegov @ostigov" <http://t.co/xcPFJs4W>

26-Jun-12 17:25 | OSTIgov



MT "@docfreeride: Early science blogging pushback against pseudoscience (ancestors in Usenet) #ScienceAtRisk" Usenet? You're as old as me?

26-Jun-12 17:25 | TonyLimaAssoc



(My take: blogging about ethical incidents seems to have impact on disciplinary discussions of best practices) #ScienceAtRisk

26-Jun-12 17:24 | docfreeride



Great job @BoraZ! Now it's my turn. #ScienceAtRisk

26-Jun-12 17:23 | Thescienceofant



Do science and science blogging still exist in parallel universes that don't affect each other? @boraz : border now porous #ScienceAtRisk

26-Jun-12 17:23 | docfreeride



@boraz: border between science and science blogging becoming increasingly porous #scienceatrisk

26-Jun-12 17:23 | nullhandle



Prompted @SciSeeker to investigate archiving/preservation, not just aggregation. #ScienceAtRisk

26-Jun-12 17:22 | docfreeride



Sb transfer from MT to WP last week apparently broke archives of departed blogs. History lost b/c wrong switch flipped #ScienceAtRisk

26-Jun-12 17:21 | docfreeride



Join interesting conversation about scientific collaboration, digital archiving, blogging. We'd love to hear your thoughts. #ScienceAtRisk

26-Jun-12 17:19 | Journal\_Prep



Greybeards who aren't comfortable engaging transparently on blogs (but who call or email the blogger to try to engage) #ScienceAtRisk

26-Jun-12 17:19 | docfreeride



Building fence between science blogs and not-real-science blogs important for credibility of bloggers inside the fence #ScienceAtRisk

26-Jun-12 17:19 | docfreeride



(Do they want to be found?) #ScienceAtRisk

26-Jun-12 17:17 | docfreeride



(I wonder: which science blogs aren't captured by these blog networks and aggregators? How do we find them?) #ScienceAtRisk

26-Jun-12 17:17 | docfreeride



RT @docfreeride: NatGeo support for <http://t.co/tbleqQXH> shaky. <http://t.co/53HgWU2B> is functionally the replacement #ScienceAtRisk

26-Jun-12 17:15 | drskyskull



NatGeo support for <http://t.co/tbleqQXH> shaky. <http://t.co/53HgWU2B> is functionally the replacement #ScienceAtRisk

26-Jun-12 17:15 | docfreeride



RT @AtmosNews: Following #ScienceAtRisk "Science at Risk: Towards a National Strategy for Preserving Online Science" @ Library of Congress #data #curation

26-Jun-12 17:14 | stcNCD



attending meeting Strategy for Preserving Online Science at the Library of Congress #ScienceatRisk. LC does massive archiving of websites.

26-Jun-12 17:14 | MPritsker



<http://t.co/tbleqQXH> aggregating blog posts about peer reviewed research (assuming blogs register, insert the code) #ScienceAtRisk

26-Jun-12 17:14 | docfreeride



meeting #ScienceAtRisk at the Library of Congress: @boraz overview history of science blogging

26-Jun-12 17:13 | MPritsker



Zivkovic: If global warming denialists want to be part of scienceblogging, it's not going to happen. Part of self-policing. #ScienceAtRisk

26-Jun-12 17:13 | pmhswe



find hundreds of searchable citizen science projects here: <http://t.co/YwjSsjaw> @docfreeride #ScienceAtRisk

26-Jun-12 17:13 | scicheer



Serious aggregation (with quality control) at <http://t.co/JzjMudFe> (among others) #ScienceAtRisk

26-Jun-12 17:12 | docfreeride



Nodes of organization: media entities, professional societies, self-organized communities #ScienceAtRisk

26-Jun-12 17:12 | docfreeride



Zivkovic on science blogs, history & categories, boom started as "anti" sites, anti-creationists, anti-global-warming-deny-er #scienceatrisk

26-Jun-12 17:11 | cfl205



RT @docfreeride: Quoth @boraz : "Tenure track \*is\* an alternative science career path now." #ScienceAtRisk

26-Jun-12 17:11 | MGhydro



Science blogging networks as assurance of expertise/quality of blogs. (Hasn't been 100% successful. #pepsigate ... ) #ScienceAtRisk

26-Jun-12 17:11 | docfreeride



RT @docfreeride: Quoth @boraz : "Tenure track \*is\* an alternative science career path now." #ScienceAtRisk

26-Jun-12 17:10 | biochembelle



Science bloggers more than, say, knitting bloggers interested in self-policing, engaging in quality control. #ScienceAtRisk

26-Jun-12 17:10 | docfreeride



Science blogosphere big enough that lots of parts are not in good contact with each other. #ScienceAtRisk

26-Jun-12 17:08 | docfreeride



.@boraz amazing history of sciblogs, straight from the blogfather -- feeling n00bish to the n-th degree. #scienceatrisk

26-Jun-12 17:08 | pkrautz



(I'd note lots of academics blog w/no intention of being full-time "science writers") #ScienceAtRisk

26-Jun-12 17:08 | docfreeride



Science blogging as way to move into sci journalism/writing #ScienceAtRisk

26-Jun-12 17:07 | docfreeride



@NSDL check out #ScienceAtRisk conf @ Library of Congress #datamgmt #datacuration

26-Jun-12 17:06 | AtmosNews



In 2003, @boraz started as a political blogger; didn't want to stop, so took up science blogging #ScienceAtRisk

26-Jun-12 17:06 | docfreeride



Now Bora Zivkovic on science blogging - <http://t.co/DwgYTuSZ> #ScienceAtRisk

26-Jun-12 17:06 | pmhswe



Early science blogging as pushback against pseudoscientific movements (ancestors in Usenet) #ScienceAtRisk

26-Jun-12 17:05 | docfreeride



Harbster at LC proposes to collect science blogs: what blogs do you follow, what's useful to consider, what's at risk? #ScienceAtRisk

26-Jun-12 17:05 | pmhswe



Other nodes of blogosphere emerged (based in professions, subject matter, DIY political and cultural commentary) #ScienceAtRisk

26-Jun-12 17:05 | docfreeride



.@boraz explaining what a blog is. (You all know this, right?) Separation of 2 blogospheres: SV techies and personal diarists #ScienceAtRisk

26-Jun-12 17:04 | docfreeride



Following #ScienceAtRisk "Science at Risk: Towards a National Strategy for Preserving Online Science" @ Library of Congress #data #curation

26-Jun-12 17:03 | AtmosNews



Historical perspective (up through today) on science blogging. Scientists have been using web since its invention. #ScienceAtRisk

26-Jun-12 17:02 | docfreeride



One of my fave profs ever is in town for #ScienceAtRisk, which means dinner out! Also, saving science, archives, etc. @docfreeride

26-Jun-12 17:02 | jcmeloni



RT @docfreeride: Coming up at #ScienceAtRisk @boraz on science blogging and @Thescienceofant on open notebook science.

26-Jun-12 17:01 | Thescienceofant



Like @StephenAtHome 's text during "The Word" only less hilarious. #ScienceAtRisk

26-Jun-12 16:55 | docfreeride



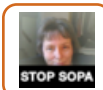
Fair warning: my tweets during @boraz 's science blogging talk likely to be my reactions rather than straight-up notes #ScienceAtRisk

26-Jun-12 16:54 | docfreeride



Coming up at #ScienceAtRisk @boraz on science blogging and @Thescienceofant on open notebook science.

26-Jun-12 16:53 | docfreeride



@jenunexpected Check out the #ScienceAtRisk hash tag; they are talking librarian-type stuff.

26-Jun-12 16:13 | OmegaMom



Tell your Congresscritter that @libraryofcongress needs resource to access proprietary info that could serve public #ScienceAtRisk

26-Jun-12 16:08 | docfreeride



Potential for @libraryofcongress to move into collecting some of what CRS collects w/out undermining Congressional needs? #ScienceAtRisk

26-Jun-12 16:06 | docfreeride



Firewall between Congressional Research Service (confidential) and what @libraryofcongress collects. #ScienceAtRisk

26-Jun-12 16:05 | docfreeride



Archived spaces diff from open web. Twitter Archive != Twitter, web archives != Google. #ScienceAtRisk

26-Jun-12 16:04 | docfreeride



Security of social media apparently a topic close to Hillary Clinton's heart. #ScienceAtRisk

26-Jun-12 16:02 | docfreeride



Borderline between Q and T categories in @libraryofcongress cataloguing has become extremely controversial. #ScienceAtRisk

26-Jun-12 16:01 | docfreeride



Also, Google isn't an archive or library. (Different needs and skills and resources.) Best to see Google as partner #ScienceAtRisk

26-Jun-12 16:00 | docfreeride



Google cache-layer & text-archive (which drives advertising); doesn't create archival records b/c doesn't help business #ScienceAtRisk

26-Jun-12 16:00 | docfreeride



... but content-generators so far are psyched when asked for permission to be crawled and collected #ScienceAtRisk

26-Jun-12 15:58 | docfreeride



Who's using (or asking to use) the existing web archives so far? Not many requests so far, ... #ScienceAtRisk

26-Jun-12 15:58 | docfreeride



random thought: we all need to become a little bit of a librarian to ensure our online work can be archived & accessed #scienceAtRisk

26-Jun-12 15:55 | pkrautz



IIPC web curator's listserv: Smithsonian archiving blogs & Facebook stuff from members #ScienceAtRisk

26-Jun-12 15:47 | docfreeride



Including polar bears & climate change, atmospheric sciences, mathematics (Jennifer Harster's favorite nominations) #ScienceAtRisk

26-Jun-12 15:45 | docfreeride



Single Sites collection (began 2006), archiving single sites on unrelated topics, selected to enhance existing holdings #ScienceAtRisk

26-Jun-12 15:44 | docfreeride



Collaborative projects on Hurricanes Katrina & Rita; sites captured Sep 4-Nov 8 2005. News, personal, relief, govt sites #ScienceAtRisk

26-Jun-12 15:43 | docfreeride



Sites that can't be easily captured are hard to archive. (One issue: too much multi-media stuff on page) #ScienceAtRisk

26-Jun-12 15:42 | docfreeride



Quality review of captured website. Useful? Unique? Only available online? At risk? Easily captured? #ScienceAtRisk

26-Jun-12 15:41 | docfreeride



Librarian's role in web archiving: Subject Matter Expert (SME). Select websites, nominate using in house curator tool #ScienceAtRisk

26-Jun-12 15:40 | docfreeride



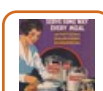
Information w/ cultural & scholarly significance that can only be found on websites; if not archived can be lost to future #ScienceAtRisk

26-Jun-12 15:39 | docfreeride



Permissions-based approach (from site-owners) to web archiving -- for crawling & redisplaying offsite. #ScienceAtRisk

26-Jun-12 15:37 | docfreeride



RT @tjowens: Link to LC's web archives that @nullhandle just described <http://t.co/sxmltp1F> #ScienceAtRisk

26-Jun-12 15:37 | WebArchivist



Crawlers may lose good bits of "web 2.0" stuff. Replay may lose interactive that's essential to thing we're preserving #ScienceAtRisk

26-Jun-12 15:36 | docfreeride



URLs crawler can't see that we want/URLs crawler can see that we don't #ScienceAtRisk

26-Jun-12 15:36 | docfreeride



@docfreeride Thanks! Looking forward to learn more about it when the meeting is done. #ScienceAtRisk

26-Jun-12 15:35 | aehrens



RE: social environment, aligning interests of content creators and content curators #ScienceAtRisk

26-Jun-12 15:34 | docfreeride



Link to LC's web archives that @nullhandle just described <http://t.co/sxmltp1F> #ScienceAtRisk

26-Jun-12 15:34 | tjowens



Diff collection strategies (broad vs. deep, thematic, event-based) #ScienceAtRisk

26-Jun-12 15:30 | docfreeride



Amazing! W translation tools #STEM research is more accessible. #ScienceAtRisk RT @docfreeride Holdings incl. 470 languages, prints, images

26-Jun-12 15:29 | ToshibaInnovate



Lots of different scales and scopes of web archiving. (High potential for duplication, things falling through the cracks) #ScienceAtRisk

26-Jun-12 15:29 | docfreeride



Others archiving it: International Internet Preservation Consortium members, universities, NGOs, schools, ... #ScienceAtRisk

26-Jun-12 15:28 | docfreeride



Web archiving part of preserving US history and culture #ScienceAtRisk

26-Jun-12 15:27 | docfreeride



Web archiving = robust capture, preservation of all assets on website (including metadata); NOT bookmarking, SEO, etc. #ScienceAtRisk

26-Jun-12 15:27 | docfreeride



Nicholas Taylor & Jennifer Harbster on 10 yrs of web-archiving at @libraryofcongress #ScienceAtRisk

26-Jun-12 15:26 | docfreeride



Immense amount of agricultural data collected; where do you put it? (Researcher's garage is suboptimal repository) #ScienceAtRisk

26-Jun-12 15:25 | docfreeride



Discussions w/ sci&tech agencies abt plans for preserving, archiving their data, other digital products #ScienceAtRisk

26-Jun-12 15:23 | docfreeride



Pilot project involving NDIIPP partner geospatial data sets #ScienceAtRisk

26-Jun-12 15:22 | docfreeride



@aehrens Not yet; reports will be produced after meeting has concluded. #ScienceAtRisk

26-Jun-12 15:21 | docfreeride



Twitter Retrospective Archive (2006-2010, 20 billion tweets); provides experience in accessioning, managing large datasets #ScienceAtRisk

26-Jun-12 15:21 | docfreeride



Is there a website that lists the ideas and conclusions of the #ScienceAtRisk meeting everybody is talking about?

26-Jun-12 15:20 | aehrens



Q holdings 1969-present comparable to 1900-1969 #ScienceAtRisk

26-Jun-12 15:19 | docfreeride



Science (Q) 340k titles 1969-present; Tech (T) 348k 1969-present #ScienceAtRisk

26-Jun-12 15:18 | docfreeride



Every item submitted for US copyright registration considered for selection (books, pamphlets, journals, etc.)  
#ScienceAtRisk

26-Jun-12 15:14 | docfreeride



peter young: scale of @librarycongress acquisitions and processing is like "henry ford's assembly line"  
#scienceatrisk

26-Jun-12 15:14 | nullhandle



8 million technical reports, 60 billion Tweets, 0.5 million US nat'l, international, and foreign standards  
#ScienceAtRisk

26-Jun-12 15:13 | docfreeride



... pieces of music, sound records, serials, e-resources, films & television & videos, manuscripts 151 million items  
(FY2011) #ScienceAtRisk

26-Jun-12 15:12 | docfreeride



Holdings so far include books & other printed materials in 470 languages, prints, photos, drawings, posters, maps  
#ScienceAtRisk

26-Jun-12 15:10 | docfreeride



Should possess in some useful form records of past & present societies #ScienceAtRisk

26-Jun-12 15:09 | docfreeride



@libraryofcongress shld possess all books & materials which record life & achievement of the American people  
#ScienceAtRisk

26-Jun-12 15:09 | docfreeride



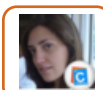
@ToshibaInnovate insofar as suggests the potential bias in what of whole of science may be represented by  
"online science" #scienceatrisk

26-Jun-12 15:08 | nullhandle



Cannons of @libraryofcongress: shld possess all books & materials necessary for Congress, Fed Govt to perform  
their duties #ScienceAtRisk

26-Jun-12 15:08 | docfreeride



Quality discussion at Lib of Congress mtg "Science at Risk: Toward a National Strategy for Preserving Online  
Science" #ScienceAtRisk

26-Jun-12 15:08 | carmendahl



Archival presentations = increased awareness! via @MarthaBunton: Len Bruno displaying early manuscripts  
<http://t.co/9Z4eyEfc> #scienceatrisk

26-Jun-12 15:07 | janineveazue



Peter R. Young on history of science collections at @libraryofcongress #ScienceAtRisk

26-Jun-12 15:07 | docfreeride



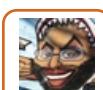
Next up at #ScienceAtRisk : stage-setting abt. existing collection practices. @libraryofcongress NOT lobbying to  
do all preservation!

26-Jun-12 15:06 | docfreeride



RT @MarthaBunton: #scienceatrisk Len Bruno displaying early manuscripts of inventors and scientists  
<http://t.co/hgLREAxM>

26-Jun-12 15:06 | tjowens



Len Bruno just shared some wonderful manuscripts. Wright brothers, Einstein, Freud, AG Bell, more.  
#ScienceAtRisk #fb <http://t.co/VlcRo21e>

26-Jun-12 15:05 | iamtimmo





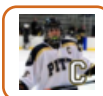
#rock&hardplace RT @docfreeride: Universities as natural home for archiving collides with budgetary realities (which are bad) #ScienceAtRisk

26-Jun-12 14:31 | gailst



#scienceatrisk Len Bruno displaying early manuscripts of inventors and scientists <http://t.co/hgLREAxM>

26-Jun-12 14:30 | MarthaBunton



RT @docfreeride: Science as a primary moral sphere in society. Creates certain ethical obligations, including stewardship. #ScienceAtRisk

26-Jun-12 14:23 | thewanetrain



We agree @docfreeride. The preservation of science is important not just to scientists but to the community! #ScienceAtRisk

26-Jun-12 14:22 | ToshibaInnovate



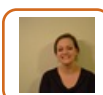
RT @docfreeride: Science as a primary moral sphere in society. Creates certain ethical obligations, including stewardship. #ScienceAtRisk

26-Jun-12 14:19 | charlesmire



But first: some treasures from @libraryofcongress (science manuscripts displayed by Leonard Bruno) LEAVE YOUR COFFEE! #ScienceAtRisk

26-Jun-12 14:15 | docfreeride



RT @docfreeride: Science as a primary moral sphere in society. Creates certain ethical obligations, including stewardship. #ScienceAtRisk

26-Jun-12 14:15 | SandlinSeguin



RT @docfreeride: Science as a primary moral sphere in society. Creates certain ethical obligations, including stewardship. #ScienceAtRisk

26-Jun-12 14:14 | LianaBrooks



In other words: we're on the hook to do important work here, that matters to scientists, historians, society at large. #ScienceAtRisk

26-Jun-12 14:13 | docfreeride



Smith: stewardship is an ethical obligation, especially given the moral domain of science. #ScienceAtRisk

26-Jun-12 14:13 | pmhswe



Science as a primary moral sphere in society. Creates certain ethical obligations, including stewardship. #ScienceAtRisk

26-Jun-12 14:13 | docfreeride



Smith: early-stage scientists value "social media as locus of scientific discourse"--part of curating professional persona #ScienceAtRisk

26-Jun-12 14:10 | pmhswe



RT @docfreeride: Early-career scientists identify social media as important site of scientific communication. #ScienceAtRisk

26-Jun-12 14:10 | yasmeen\_azadi



RT @drugmonkeyblog: "in my hand I have clear evidence of \*yellowing pages\* brought out by @Elfsevier at great risk..." #ScienceAtRisk

26-Jun-12 14:09 | docfreeride



Really enjoying the #ScienceAtRisk stream, but wish I were there!

26-Jun-12 14:09 | yasmeen\_azadi



@librarycongress thanks for hosting #ScienceAtRisk

26-Jun-12 14:07 | Thescienceofant



Abby Rumsey - Universities imperfect science repositories. May be parochial, not concerned w/ larger domain, funding risk. #scienceatrisk

26-Jun-12 14:07 | cfle205



Divide among respondents: those w/ robust faith in institutions and those who don't. (Generational?) #ScienceAtRisk

26-Jun-12 14:06 | docfreeride



Smith: Use of pseudonyms in social media is challenge in online science. Lack of accountability. Need to address. #ScienceAtRisk

26-Jun-12 14:05 | pmhswe



Communication through social media -> legal, financial, privacy issues. "Pseudonyms make for bad science." ORLY? #ScienceAtRisk

26-Jun-12 14:04 | docfreeride



I think @docfreeride is working up to suggesting we invade the Netherlands to seize Elsevier's archives. Kinda like Iraq #ScienceAtRisk

26-Jun-12 14:04 | drugmonkeyblog



"New" things look familiar (blog posts like unpublished science, science tweets like science news); archive accordingly? #ScienceAtRisk

26-Jun-12 14:04 | docfreeride



Inherent, intractable tension between global nature of science & parochial nature of the institutions that support scientists #ScienceAtRisk

26-Jun-12 14:03 | docfreeride



rumsey: no workshop survey respondents mentioned @usnatarchives as logical curatorial home for science data #scienceatrisk

26-Jun-12 14:02 | nullhandle



Smith: Stewarding online science takes informatics, tech, domain science. Also: team of good lawyers & good revenue model. #ScienceAtRisk

26-Jun-12 14:02 | pmhswe



Universities as natural home for archiving collides with budgetary realities (which are bad) #ScienceAtRisk

26-Jun-12 14:01 | docfreeride



Govt data primed to be stewarded by the govt sector. (National Archives not mentioned by any of the 19 respondents) #ScienceAtRisk

26-Jun-12 14:00 | docfreeride



No free ride for preserving digital science; need to clearly articulate value of materials & why preserving them matters #ScienceAtRisk

26-Jun-12 13:59 | docfreeride



Interesting that Libraries have moved away from "just in case" collection development but data archiving renews that focus. #ScienceAtRisk

26-Jun-12 13:58 | surlyF



Need to lower costs/administrative burdens of long-term preservation & access; some institutions better at this than others #ScienceAtRisk

26-Jun-12 13:58 | docfreeride