



Web 2.0

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OEI/OIAA/IAD

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Agenda:

- Definition – Wiki, Blog and Web 2.0 and Government
- Implementing Wiki and Blog
- Sample Web 2.0 Apps & Communities
- Is it Right for You?
- Three steps to implementation
- How and Where Do We Start?
- OEI Services
- OEI/IAD Contacts
- Business Case Transformation with Wikis and Blogs
- Examples at the Web 2.0 Booth for demonstrations



Wiki vs. Blog

- <http://youtube.com/watch?v=AsFU3sAIPx4>



Web 2.0

- Web 2.0 applications, such as Blogs and Wikis, enable government agencies to engage and collaborate with their internal and external customers. In a nutshell, Web 2.0 refers to technologies that enhance creativity, information sharing, and, most notably, collaboration among users.



Web 2.0 Tools in Government

To create new levels of:

- efficiency
- transparency
- accountability
- and participation...
- ... between government and the American public.

Sample Deployed Web 2.0 Apps



Over 38 Wiki and Blogs @ EPA	Type of Web 2.0 Communities
<p><i>Internet Wiki and Blogs</i></p> <ul style="list-style-type: none"> • Greenversation • National Dialogue (ND) Wiki (10/15) and IT Partners Blog - Three ND Blogs for different Audiences 	<p>Collaborative Outreach</p> <p>Strategy collaboration</p>
<p><i>Intranet and Extranet Wikis and Blogs</i></p> <ul style="list-style-type: none"> • Human Resource Blog • Region 3's Healthy Waters Priority Blog • Region 9's Info, Indicators, Quality, Library wiki • Library Network wiki and blog 	<p>Business</p> <ul style="list-style-type: none"> • Staff Human Resource • Programs Outreach • Office information • Library
<ul style="list-style-type: none"> • OIAA Intranet Blog and Wiki • Web Community Wiki Multiple category – Web Guide, Web CMS, Council • Web 2.0 Wiki – Web 2.0 Technology Community • EnviroCentral Wiki – Wiki and Blog Users Workgroup and share components • EPA Partnership Program Bundling – Multiple Program Partnership • Region 6's Executive Team Community Wiki 	<p>Office and Work group and User Communities</p>
<p>Watershed Central</p> <p>IAN</p> <p>Climate and Energy Measurement Wiki</p>	<p>Best Tools, Science Collaboration, and Envir. Indicators tools.</p>

EPA Communities



Type of Web 2.0 Communities

Collaborative Outreach – one-stop area to ideas, information, standards, events, and others.

Strategy collaboration – preparation of Office Strategies and Transition Books for new Administration.

Business

- Environmental Indicators tools
- Staff Human Resource
- Programs Outreach
- Office information – venting documents for approvals to planning Office Party
- Library – catalogue of available resources.

Office and Work group and User Communities – Online Work Shops, System Support and Configuration Management, Peer Reviews, Contract Preparation, Process and Improvements.

Best Tools and Science Collaboration – Focal Point for Collaborating on Best Field Technologies, Methods, Plans, Processes, and Tools.



How and Where?

Implementing Wiki and Blog (Web 2.0 Applications)



- EPA has established an Intranet and Internet infrastructure environment (Web 2.0 servers) Blog and Wiki technologies at the National Computer Center to support your needs. Later, after evaluation and testing, other Web 2.0 technologies may be offered, but for now, EPA will focus on wiki and blog first with RSS Feeds.
- When considering implementing a Blog or Wiki application, think about these things:
 - Do you have a firm business need in mind as opposed to just wanting to experiment with the technology?
 - Who do you want to engage and for what purpose? Is your intended community on board and sustainable? Do you have commitment from your manager for time and resources?
 - Will you have a strong level of use for your application? Will the frequency of postings for Blog or content of articles for collaborations warrant the expense of creation and maintenance?

What are the three steps to implementing a Blog or Wiki?



Talk to your manager for initial informal permission, then to your community or work group to create a Blog or Wiki.

1. Complete the questionnaire for hosting Wikis and Blogs and send to David Eng, eng.david@epa.gov (202) 566-1182.

NOTE: *Internet Blogs and Wikis are not supported at this time.
For Intranet Wikis and Blogs your Division Director is the appropriate approver.*

2. Please be sure to have your Division (for Intranet Blogs or Wikis) Director sign the questionnaire/commitment memo. <https://kestrel.rtpnc.epa.gov/questionnaire/questionnaire-page-1.php>
3. Participation in the Blog and Wiki Workgroup is expected community to
 - be professional and courteous,
 - learn from one another,
 - understand emerging needs,
 - nurture development and expansion of the user base and
 - provide a forum for communication and feedback.
4. **"One more step, if your wiki is blog is external"**
 - Contact your Web Content Coordinator. They should know what you are planning, and they will work with the Director of Web Communications in the Office of the Administrator (OPA) to review the concept, as needed.
 - You should contact your Web Content Coordinator before you invest any time and resources.

How and Where Do We Start?

Like Growing a Plant



- Analyze other Agencies implementations
- Search for standards: tools & rules {Learn}
- Strategize and plan for w/b {Plan}
- Pilot – seedlings {Plant/Start}
- Empowerment of collaboration (Fertilizer)
- Grow the community of w/b {Grow}
 - Intranet, extranet and finally internet
- Gardener- maintain, cultivate, weed-out



OEI Services



- For FY09 OEI will cover basic infrastructure and consulting support for Wiki/Blogs, including a standard look and feel Blog or Wiki shell and availability of a standard set of plug-ins or extensions respectively.
 - Note: Not included – technical support, customization or troubleshooting and modification of themes, skins, and plug-ins and extensions.
 - You may engage the:
 - Internet Service Center <http://intranet.epa.gov/isc/>,
 - ASRC, for content and templates and skins, or
 - A contractor of your choosing for this type of assistance.
- Training materials will be available on the Office of Public Affairs Web Training site - <http://www.epa.gov/webtraining/>



Who



OEI/IAD Contacts

Technical Contacts:

- David Eng, Lead, Web 2.0 Knowledge Action Team (Web2KAT) 202-566-1182
- Kevin Maxfield, 202 566-1535 (NCC) Wayne or Eason, 919 541-3082

Program Contacts:

- Office of Environmental Information/Office of Information Analysis and Access (OIAA)
 - Dalroy Ward, Chief, Information Services Branch
202-566-0381
 - Jonda Byrd, Chief, Policy and Program Management Branch 513-569-7183



- End of Main Presentation
- The following slides 16 -28 are for the exhibit booth.



Wiki and Blog: Is It Right for You?

Wikis and Blogs are interactive web sites that add another dimension to collaboration and social networking for this Agency. The process of establishing, managing, and operating involves more hands-on community building, communication marketing, frequent content additions and maintenance ('Gardening'). This demands more attention to the following:

- Initiating a Web 2.0 application process,
- Author participations,
- Community building and sustaining,
- Frequent attention, consideration, and response to your community audience.



More on: Is it Right for You?

However, wikis and blogs provide many benefits and capabilities from a one dimensional web site to Web 2.0 applications, social networking, web integration, sharing and interactivities:

- Social networking, collaborating, and integrated tools interactive capable,
- Content management and content 'freshness',
- Usability,
- Direct Web site administration,
- More interactive and database driven,
- Instant author publishing gratification,
- Categorization,
- Workflow capable,
- Better tools and functionalities, such as search, tags,
- Increased audience collaborations, and
- Total resource saving- Less contractor cost to code web pages.



Initiating a Web 2.0 application, Wiki or Blog, requires:

- You and your group or organization should explore, comprehend and think about the benefits of adding this collaboration and social network dimension.
- You be aware that the Web 2.0 Process Initiation requires adding frequent content, community building, nourishing, collaboration, and changes in organizational operation and culture.

Without these efforts, your new Web 2.0 will not be of good use and you may regret even starting on this Web 2.0 journey.

Business Case Transformation

with Wikis and Blogs



- Regulatory – venting draft policy/regulation
 - Public engagement- transparency
 - Record comments – who, when, threads
- Team/town Hall Focus meeting



Examples



National Dialogue on Information Access Strategy

The screenshot shows a Microsoft Internet Explorer browser window displaying the EPA National Dialogue on Access to Environmental Information blog. The browser title is "EPA National Dialogue on Access to Environmental Information - Microsoft Internet Explorer provided by EPA - version 6". The address bar shows "http://blog.epa.gov/ndITblog/".

The main content area features a blue header with the EPA logo and the text "Join our national dialogue...". Below this, it says "EPA Partner Blog June 9-13, 2008". The main text reads: "This Blog is closed for comment but remains available in read-only format for reference purposes." This is followed by a "Welcome to the Partner Blog for the National Dialogue!" section, dated "June 5th, 2008 by admin".

The text continues: "EPA is holding an on-line discussion among state, tribe, and other federal partners of EPA, as well as the public to foster collaboration on information access. For this discussion, we are using a blog which is a more interactive and personal form of technology. Everyone is invited to use this site to identify and share their best resources, tools, and ideas for improving access to EPA's environmental information. This is a key part of the National Dialogue on Access to Environmental Information – working with you to enhance information access."

A final paragraph states: "This blog will be open for comment for one week (June 9-13, 2008). The blog will then be closed and a summary report will be posted on the 'What We've Learned' section of the [National Dialogue website](#) by June 20th."

On the right side of the page, there is a search box with a "Search" button. Below it are several links: "Blog home", "National Dialogue Web site (exit blog)", "Summary of Previous Jam Sessions (exit blog)", and "For user support, email nationaldialogue@epa.gov".

There are also sections for "PAGES" and "CATEGORIES". The "PAGES" section includes links for "Help", "About this Blog", "Comment Policy", "Frequent Questions", and "How to Submit a Comment". The "CATEGORIES" section includes links for "Understanding Information" and "Finding Information".

The browser's status bar at the bottom shows "Done" and "Trusted sites". The Windows taskbar at the very bottom shows the "start" button, several open applications (David Eng..., Microsoft..., Strategy R..., EPA Nation..., Untitled - N..., Microsoft P...), and the system tray with the time "9:34 AM".



OHR Benefits Corner

The screenshot shows a Microsoft Internet Explorer browser window titled "OHR Benefits Corner - Microsoft Internet Explorer provided by EPA - version 6". The address bar shows the URL "https://kestrel.rtpnc.epa.gov/hrblog/". The page content includes a blue header with the text "OHR Benefits Corner" and "EPA Human Resources Internal Blog". Below the header is a blog post titled "CIVILIAN DEPOSIT AND RE-DEPOSIT SERVICE— SHOULD YOU OR SHOULDN'T YOU?" dated "September 22nd, 2008". The post text discusses retirement benefits for federal employees and mentions "FERS" deposit service.

OHR Benefits Corner
EPA Human Resources Internal Blog

CIVILIAN DEPOSIT AND RE-DEPOSIT SERVICE— SHOULD YOU OR SHOULDN'T YOU?
September 22nd, 2008

Not all federal employees have an unbroken service record when they retire. Many have left government service for a period of time and many took out their retirement contributions to the retirement system when they left. In addition, many federal employees had temporary or seasonal service early in their career. At the time of retirement, these employees wonder what effect this service has on their retirement benefits. The answer is – "it depends."

This discussion deals only with deposits and redeposits for civilian service. Military service is treated differently. It also deals with the crediting of this service for retirement, not for the purpose of earning leave.

First, let's look at "deposit" service. This is service, usually temporary or seasonal, from which CSRS or FERS retirement deductions were not withheld.

FERS deposit service can be credited for retirement if it occurred before Jan. 1, 1989. Service after that date will not count for retirement purposes. The service will count only if a

Slide 8 of 14
Default Design
English (U.S.)
Local intranet



OIAA's Collaborative Intranet

The screenshot shows a Microsoft Internet Explorer browser window displaying the OIAA Intranet Site. The address bar shows the URL <https://kestrel.rtpnc.epa.gov/oiaablog/>. The page title is "OIAA Intranet Site" with the subtitle "News & Information for OIAA Employees".

The main content area features a blue header with the site name and subtitle. Below this is a section titled "Message from the Office Director: Growing Up" dated September 29th, 2008. The message text reads: "August 2008. What do you want to be when you grow up? I'm sure all of us have been asked this question many times in our lives. Some of you maybe knew the answer immediately, but most of us probably couldn't answer it at first (at least I couldn't). We likely stumbled into the answer after our many life experiences helped us decide what we wanted to do with our life. Eventually, we find our own niche and pick the hat that fits us best." To the right of the text is a photograph of a young child wearing a dark baseball cap.

Below the main message, there is a search box and a "Search" button. The right sidebar contains several navigation sections: "Pages" with a link to "About"; "Archives" with a list of months from September 2008 to July 2007; "Categories" with a link to "Mike's Musings (7)"; "Blogroll" with links to "Development Blog", "Documentation", "Plugins", "Suggest Ideas", "Support Forum", "Themes", and "WordPress Planet"; and "Meta".

The browser's status bar at the bottom shows "Slide 9 of 14", "Default Design", "English (U.S.)", and "Local intranet". The Windows taskbar at the very bottom displays the Start button, several open applications (including "David Eng...", "Microsoft...", "OIAA Intra...", "Main Page...", "Untitled - N...", and "Microsoft P..."), and the system tray with the time "9:43 AM".



Web Communities Collaboration

Main Page - EPA Web 2.0 Wiki Introduction [edit]

Welcome to our EPA Web 2.0 Workgroup Wiki, an affinity group of EPA Web Workgroup members.

- From the [technology](#) page, you can go to a page dedicated to each of the following technologies : blogs, wikis, video-sharing, photo-sharing, audio and podcasting, virtual worlds, social networking sites, syndicated Web feeds (aka RSS), mashups, widgets, social news sites, microblogging and webinar/webcasts.
- Please use this EPA intranet Wiki to build an inventory and collaborative workspace to share our best practices, documents, links, discussions, etc. For instructions on how to use this Wiki, read more below.
- The [discussion](#) page includes ideas that don't neatly fit into the technologies section. You may also start a new page from the discussion page, add to an existing page.
- The [library](#) includes range of articles and whitepapers that are relevant to Web 2.0 at EPA including the [EPA Web 2.0 White Paper](#)

How To Use This Wiki [edit]

Go ahead, try it out on this test page or another Wiki page.

Many of us aren't familiar with wikis, but think of it a shared document that all of us can (and should edit). You don't need any special skills or tools to edit this page. Once you are logged in, just click the "edit" button at the top of any of these pages (except this home page) to make an edit.

- Function tips and tricks
- Adding files
- RSS tutorial
- How to edit and format pages in MediaWiki

Background of Web 2.0 at EPA [edit]

Web 2.0 tools and approaches offer a growing suite of useful services that could help promote EPA's mission and save us money. We use Web 2.0 to describe the increasingly popular suite of Web-based, interactive tools and media, suitable for multiple users to create, publish and organize user-generated content. These technologies have been instrumental in the development of...

On September 30, 2005, Tim O'Reilly wrote a piece summarizing his view of Web 2.0. The mind-map, pictured above, constructed by Markus Angermeyer sums up some of the memes of Web 2.0, with example-sites and services attached.



Climate and Energy Tools

Toolkit Home - Energy and Climate Measurement and Tracking - Microsoft Internet Explorer provided by EPA - version 6

File Edit View Favorites Tools Help

Address https://kestrel.rtpnc.epa.gov/climate_energy/index.php/Main_Page

Log in / create account

Toolkit Home
(Redirected from Main Page)

Welcome to the Climate and Energy Measurement Wiki!

[edit]

On this site, you can:

- Learn the *basics of energy and climate measurement*;
- Find out the *potential benefits of EPA measuring comparable energy and climate outcomes*;
- Find tools that can help you convert your projects' activities into *measurable, comparable results*; and
- Contribute to EPA's energy and climate conversation by:**
 - Sharing your knowledge
 - Adding content
 - Providing your comments on any part of this site

How do I use this site?

The content and discussions on this site should be treated as deliberative and draft materials. As currently structured, content and external links should not be used as a direct influence on EPA policy, regulatory development, or other official decision-making process.

This site was developed by the **Energy Measurement & Tracking Workgroup** within the Administrator's Clean Energy and Climate Priority.

This page was last modified 18:29, 7 October 2008. This page has been accessed 350 times. Privacy policy About Energy and Climate Measurement and Tracking Disclaimers

Powered By MediaWiki

Local intranet

Slide 10 of 14 Default Design English (U.S.)

start David Eng... Microsoft... OIAA Intra... Toolkit Hom... Untitled - N... Microsoft P... 9:41 AM

Greenversation



THE OFFICIAL BLOG OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY

Greenversations

New Climate for Action: Pack a Waste-Free Lunch

Posted on October 23rd, 2008 10:35 AM
Monday, the children at the Green Conversation Health Education and Environmental Education through the Washington Leadership Program.

Managing money is something a student has to learn, particularly as the cost of living continues to grow. One way they would be able to save is by packing a lunch. Unfortunately, it doesn't have to be as I can during the week so I can have plenty left over to enjoy every weekend. My favorite is to try to take a lunch to work every single day. Eating out can be very expensive plus, some students might get tired of school lunches. Packing your lunch is cheap, reduces trash and saves energy too!

Lots of trash is generated from packing on food and disposable lunches. Did you know that each school lunch generates 20 pounds of waste per student per year and means just one average-size middle school creates over 30,000 pounds of lunch waste? It's not just the trash, but the energy used to create the waste. Lunches use energy and release greenhouse gases into the atmosphere. School lunches are also full of chemicals that seep into the ground.

A waste-free lunch program involves educating students, parents, and school staff about where our trash ends up and how we can reduce the amount of waste generated. Waste-free lunch programs support the use of reusable food containers, drink dispensers, reusable and pre-prepared foods, like salad, juice boxes and pouches, paper napkins, and disposable utensils.

Here are some tips to keep in mind while packing your lunch to school for work:

- Don't include:
 - Sandwiches in reusable containers
 - Whole fruits without packaging
 - Drinks in containers that can't be reused, such as a thermos, or recycled, such as a can
 - Items purchased in bulk and brought in reusable containers

Don't include:

- Individually wrapped snacks
- Plastic bottles and other reusable
- Disposable forks and spoons
- Cans

Your waste-free lunch program will help create a new climate for action by reducing greenhouse gas emissions and means just one gas emissions. And you will save money too! Be sure to let me know what you think!

For more information on waste-free lunches go to <http://www.epa.gov/epa101/energy/energyefficiency/energyefficiency.cfm>

Join "Starversations," read the "Comment Policy," leave a comment, bookmark | No Comments | Trackback

Question of the Week: What are your Energy Vampires?

Posted on October 23rd, 2008 10:37 AM
Each week we ask a question related to the environment. You can answer the poll or let us know your thoughts as comments. Feel free to respond to earlier comments or post new ideas. [Example Questions](#).

Vampires could be lurking the shadows of your home. Energy vampires drain your energy from electrical devices that you don't use.

Energy vampires are the silent power suckers and appliances with energy vampire. They suck power away when apparently not in use. They can drain your blood, they'll drain your pocket! Energy vampires cost about \$1 billion a year, or 1 percent of almost 11 percent of all U.S. energy use!

Energy vampires are the silent power suckers and appliances with energy vampire. They suck power away when apparently not in use. They can drain your blood, they'll drain your pocket! Energy vampires cost about \$1 billion a year, or 1 percent of almost 11 percent of all U.S. energy use!

What are your energy vampires?

[Ceo_español](#)

How fast is it moving? Like a...

- mummy - barely shuffling around at all
- limping - moving slowly but not dangerously
- maverick - chasing around faster than expected
- vampire - flying like batwings at high speed

En español, Cada semana hacemos una pregunta relacionada al medio ambiente. Por favor, compártela con nosotros. Si respondes a comentarios anteriores o plantear nuevas ideas. [Ejemplos de preguntas](#).

Podrían haber vampiros al acecho en las penumbras de su hogar. Los vampiros de energía drenan su energía de dispositivos electrónicos que no están en uso. Pueden drenar su sangre, drenarán su bolsillo! Los vampiros de energía cuestan unos \$1 mil millones al año, o el 1 por ciento de casi el 11 por ciento de toda la energía usada en EE. UU.

Los vampiros de energía son los efectos electrónicos, adaptadores, cargadores, etc. que drenan energía cuando no están en uso. Pueden drenar su sangre, drenarán su bolsillo! Los vampiros de energía cuestan unos \$1 mil millones al año, o el 1 por ciento de casi el 11 por ciento de toda la energía usada en EE. UU.

¿Cuán rápido se mueve? ¿Cuán como...

- una momia - apenas deambulando sin peligro
- un maverick - persiguiendo más rápido que lo previsto
- un vampiro - volando como alas de murciélago a alta velocidad

Join "Starversations," read the "Comment Policy," leave a comment, bookmark | Comments (1) | Trackback

Greening the Dragon

Posted on October 24th, 2008 - 10:30 AM

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[Greening the Dragon](#)

[You'll Love and You'll Love Too](#)

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Wiki and Blog

- Share
 - Administration
 - Components
 - Services
 - Knowledge
- Capabilities

EnviroCentral Extensions



[Deng](#) [my talk](#) [my preferences](#) [my watchlist](#) [my contributions](#) [log out](#)

[page](#) [discussion](#) [edit](#) [history](#) [delete](#) [move](#) [protect](#) [watch](#)

More Extensions Demos

Contents [\[hide\]](#)

- 1 More Extensions Demos
 - 1.1 Linked Image
 - 1.2 RSS
 - 1.3 Input Box

More Extensions Demos [\[edit\]](#)

Linked Image [\[edit\]](#)

Example for Linked Image



RSS [\[edit\]](#)

Example for RRS feed reader

RSS Reader for Greenversation

navigation

- [Main Page](#)
- [Wiki & Blog](#)
- [Users Group](#)
- [Web 2.0 Process](#)
- [Questionnaire](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)

wiki and blog components

- [Tips](#)
- [Lessons Learned](#)
- [Learning Tips](#)
- [Help](#)
- [Extensions&Plugins](#)
- [File & Access Request](#)
- [Image and File Upload Request](#)
- [Customization Request](#)

search