Automated Voluminous Textual Data Monitoring and Collection System (AVxCs v1.0)

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Automated
(Voluminous/Velocity/ Variety) Data Monitoring and Collection System
(AVxCS v1.0)

AMS has three levels:

- **Macro: Google Alerts /**
  As-it-happens, News, Blogs, Video, Books, Discussions, Finance

- **Meso: Web of Science Notifications /**
  Weekly

- **Micro: Twitter Feed /**
  As it happens

Requirement

- Setting up a Gmail-like account, e.g. **a..z@gmail.com**
1 / STEPS (Macro)

- Setting up Google Alerts [https://www.google.com/alerts](https://www.google.com/alerts) with certain keywords, e.g. circular economy, resource efficiency
- **Features:** As-it-happens, coverage: News, Blogs, Video, Books, Discussions, Finance, geographically global or single country and linking these alerts to the Gmail account
Receiving notifications and new content with links
2 / STEPS (Meso)

• Setting up a Web of Science
  
  http://apps.webofknowledge.com/UA_GeneralSearch_input.do?product=UA&search_mode=GeneralSearch&SID=U1hGxs6wviJCTTFnbrU&preferencesSaved query with certain keywords e.g. circular economy, resource efficiency with geographical focus and linking these WoS notifications to the Gmail account,

• Information on Author, Title, Source, plus Abstract will be collected and weekly is fed to the email account
• Receiving notifications and new WOS content with links

<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
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<tbody>
<tr>
<td>Jun 4</td>
<td>Loss of recoverable resources in linear resource flow systems is likely to contribute to the depletion of natural resources and environmental degradation. The 'waste hierarchy' in the &quot;European&quot; Commission's latest Waste Framework Directive 2008/98/EC (WFD2008) makes recommendations on how to address this issue. The WFD2008 is analysed in this work for its adequacy in ensuring return of 'recoverable waste' as a resource into the productive system. Despite the release of guidance documents by the UK Environment, DEFRA and WRAP UK on the interpretation of key provisions of the WFD2008, lack of clarity still exists around the WFD2008 'waste hierarchy'. There is also an overlap between measures such as 'prevention' and 'reduction', 'preparing for reuse' and 'reuse' and lack of clarity on why the measure of 'reuse' is included in the WFD2008 definition of 'prevention'. Finally, absence of the measures of 'recovery' and 'reuse' from the WFD2008 'waste hierarchy' reduces its effectiveness as a 'resource efficiency' tool. Without clarity on the WFD2008 'waste hierarchy', it is challenging for decision makers to take direct action to address inefficiencies existing within their operations or supply chains. This paper proposes the development of an alternative 'hierarchy of resource use' and alternative 'definitions' that attempt to fill identified gaps in the WFD2008 and bring clarity to the key measures of waste prevention, reduction and recovery. This would help the key stakeholders in driving resource effectiveness, which in turn would assist in conservation of natural resources and prevention of environmental degradation. (c) 2015 Elsevier Ltd. All rights reserved.</td>
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<tr>
<td>May 28</td>
<td>Analysis of waste hierarchy in the &quot;European&quot; waste directive 2008/98/EC</td>
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<td>May 21</td>
<td>Analysis of waste hierarchy in the &quot;European&quot; waste directive 2008/98/EC</td>
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**Title:** Analysis of waste hierarchy in the "European" waste directive 2008/98/EC

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**Source:** WASTE MANAGEMENT, 39 306-313; 10.1016/j.wasman.2015.02.007 MAY 2015

**Language:** English

**ISSN:** 0966-053X

**IDS Number:** CH6NC

**Unique ID:** WOS:000354152300033

**PubMed ID:** 25725949
3 / STEPS (Micro)

- Setting up a Twitter Alert query with certain keywords *e.g.* circular economy, resource efficiency and linking these alerts to the Gmail account
- Information on normal or verified accounts is fed real time to the email
AVxCS – the last step

- Automatically saving these emails to Google Drive as pdf or doc, automatically merging them all into one file (connect APP) and sharing/downloading The File to work on/process.
- How to: http://www.labnol.org/internet/save-gmail-in-google-docs/21045/
AVxCS – An Overall Look

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twitter

Google Drive

All your files, ready where you are

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Share
Thank you for your attention