

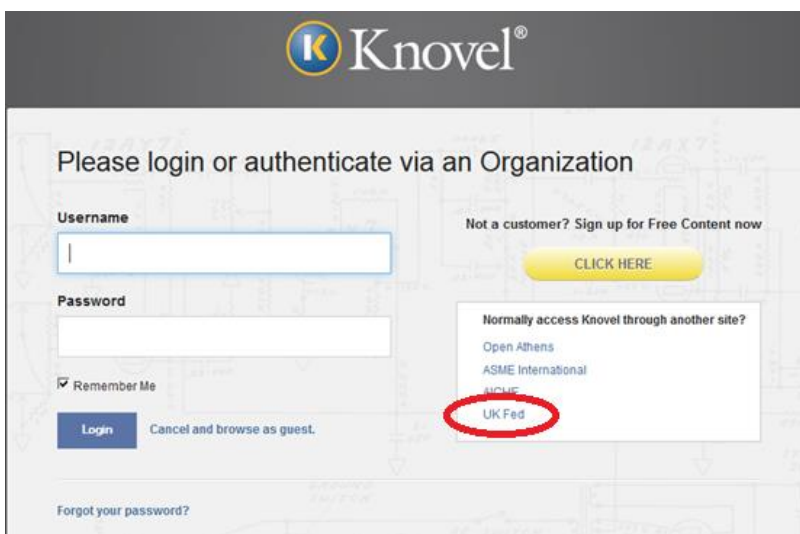
Library Helpsheet: Knovel

Knovel is a collection of ebooks, and is updated regularly. It includes technical information, and interactive material. We have a subscription to the following subject areas:

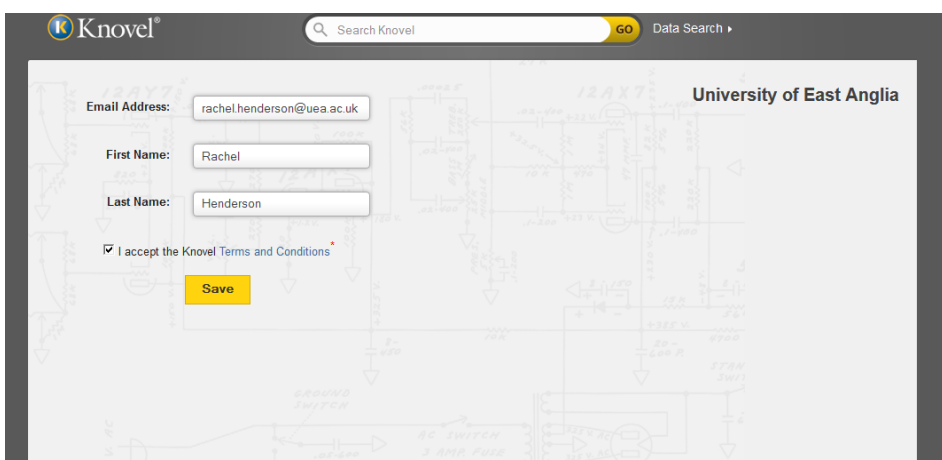
Electronics & Semiconductors
Environment & Environmental Engineering
General engineering & Engineering management
Oil & Gas Engineering

Personalising via My Knovel

To create a My Knovel account you will need to register via the UK Fed UEA link.



You will be prompted for your UEA username and password, and you can then create an account but you will always need to use the UK Fed link to log in.



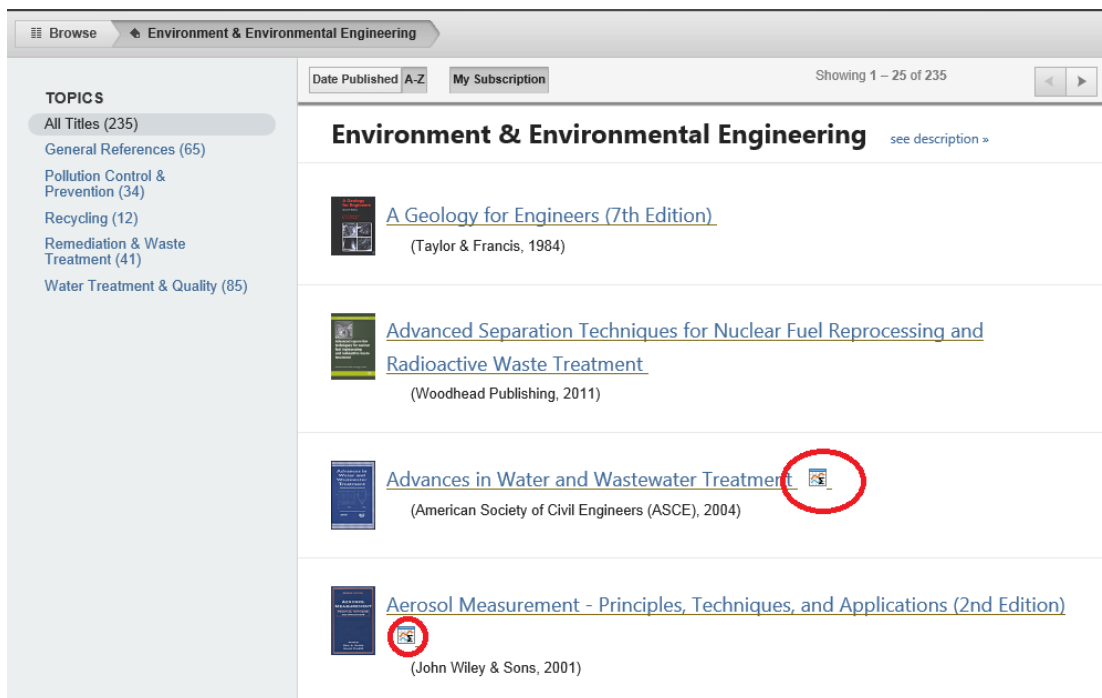
Using a My Knovel account means you can save useful search terms, or texts that you want to access again quickly.



Browsing

Via the 'Browse' option you can see the top level subject areas that we can access.

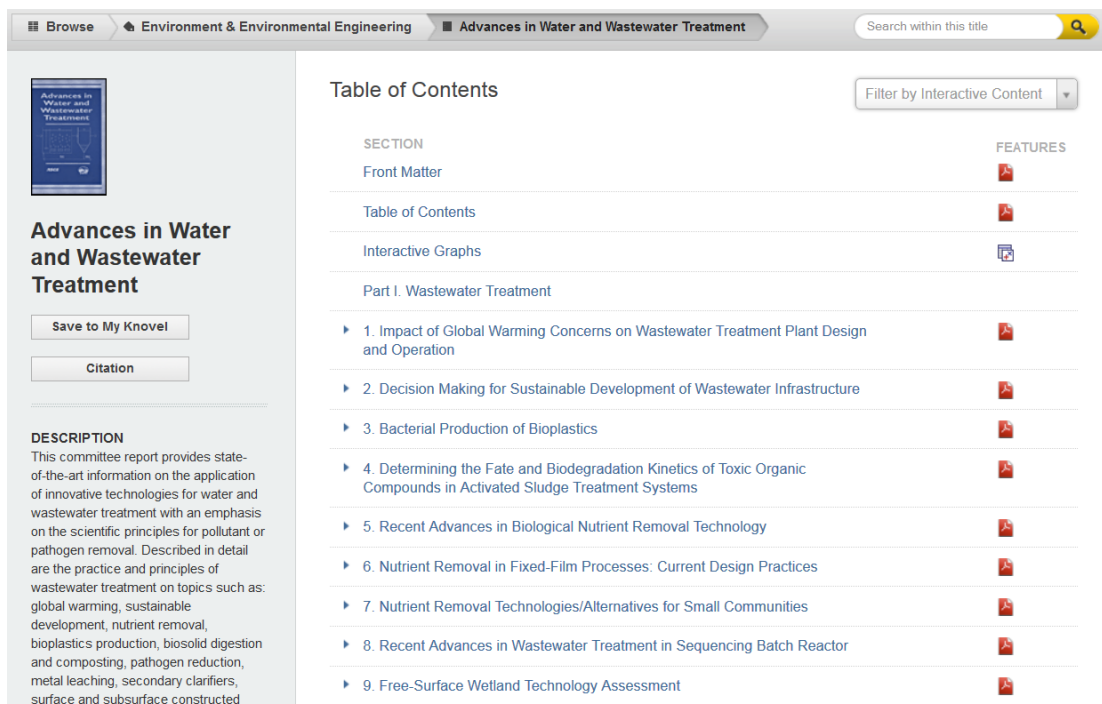
Click on the subject to find a list of the titles included. You can sort by Date Published or alphabetically.



A symbol shows if there is interactive content within the book.

On the left hand side the titles are categorised into topics.

You can display the table of contents, and search within a book.



Keyword search

Rather than browse an ebook you can enter a keyword search to find other material.

Depending on your search you will find different content types - text sections are usually taken from a reference book, but you may also find conference proceedings, and engineering cases, which are case studies written as blog posts with hyperlinks to keyword definitions.

You can click on the book title to find the contents list

OR you can see all references relating to your search within the title

OR you can add a search term within a title to further refine your search

The screenshot shows the Knovel Search interface. At the top, there is a search bar with the query "piper alpha" and a "GO" button. Below the search bar, there is a navigation menu with "Home" and "Search for 'piper alpha'". The main content area is titled "TEXT SECTIONS" and features a prominent heading "A19.7 Some Lessons of Piper Alpha". Below this heading, there is a list of text sections with their respective titles and brief descriptions. The sections include:

- Appendix 19: Piper Alpha
- A19.1 The Company, the Management and the Personnel
- A19.2 The Field and the Platform
- A19.3 The Process and the Plant
- A18.10 Offshore Safety
- A18.11 Offshore Incidents
- A18.9 Offshore Emergency Planning
- A18.1 Offshore Activities

Each section includes a brief description of its content, such as "Appendix 19: Piper Alpha" which discusses the control room operator's actions during the disaster. The interface also includes a sidebar for "CONTENT TYPES" and a "Save Search" button.



Interactive tables & graphs

As well as text, there are spreadsheet-like tables that you can manipulate onscreen.

<http://support.knovel.com/data-analysis-tools/>

Interactive graphs allow users to derive x, y coordinates from curves that can be expressed as an equation, digitize normally static graphs or plot and compare several curves from individual data points in a table.

With the latest update, engineers are able to easily print or export graphs to Excel. Additional new features include:

- Completely reprogrammed scalable resolution so all the graphs can be resized within an enhanced user interface
- New and improved functionality controls and a quick how-to-use guide
- Ability to select a point to determine an x or y coordinate

Other features

You can use Knovel on a tablet

You can download and print material as pdf

There are help tutorials available online <http://support.knovel.com/>

