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RF-EMF Databases

The Databases chosen are strictly engaged in collecting Electromagnetic radiation research studies. The premier of Scientific databases, Medline Pubmed Dbase is the go to Database for most professional EMF researchers. However, PUBMED covers a wide array of scientific topics, beside EMF science; therefore its focus was too broad to include in this listing of Databases.

[RF App Enhanced Spreadsheet Dbase](https://tinyurl.com/google-RFDBS)

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FEATURES:

- **RF APP Enhanced Database** was designed to work primarily as an **Offline Desktop product**. To be used with any **MSOffice 2007 (or higher) Excel and Word software on a Windows** operating system.
- The Dbase consists of over **1200 primarily RF biological effect studies**. There is a sprinkling of NO effect studies. Approximately three **(3) percent consist of ELF or Low frequency studies**.
- **App Enhanced Spreadsheet automates many Spreadsheet Database functions**. By doing so it **simplifies and broadens the scope** of procedures for **filtering, editing, managing and viewing Database content**.
- Compared to most Database listed below its **most significant feature** is the **addition** of the **Study's Abstract incorporated into the column fields** of the RF-Dbase. This **expands the level of information** that can be **extracted and viewed**, and the **range of filters** derived from RF-Dbase.
- The **user can Add their own studies** to the Database using a **simplified APP form**, allowing the **RF Dbase to become a Personal Portal** for the **user's EMF study collection**
- Another **unique feature** APP Enhanced RF Dbase spreadsheet includes a **new column Heading** designed to **identify the 'Type' of Research** conducted. As more papers are produced in the EMF research field, it becomes **important to distinguish the type of study or research work** presented by the author; i.e. **Experimental, Metanalysis, Epidemiological etc.**
- Through a **built in App** the User can **PRINT Word Document reports** for up to **10 studies** at a time in any of the **three content formats**.
- To **Download 'APP Enhanced Spreadsheet' file** use the **Link above to open the Online Spreadsheet**. **Click on the "NOTES" sheet tab at bottom of open Online Spreadsheet**. On the **"NOTES" sheet follow the Directions found below the Description Box**.

The **RF-Dbase Spreadsheet** can be **used or viewed ONLINE**. In a **limited way** the RF Dbase can be **Filtered ONLINE**. The **results** of the **filter** can then be **downloaded** to any **spreadsheet software**. **Filter Directions** are found in **Cell C3**, as well as **"HELP" menu** of the **ONLINE Spreadsheet**.

NON APP Enhanced version can also be **downloaded** and used **OFFLINE** on **ANY Spreadsheet software** and **operating system**. Doing so offers the user a **wider range of Menu options** not available in the ONLINE version. **Use the "File" > "Download" Tab to perform the download function**. To make the most of the studies in **Offline mode** it is **recommended** the user **become familiar** with **Spreadsheet Commands: 'Filter', 'Find', and 'Sort'**. Additionally, it is helpful to **learn about "Comment" or "Note" textboxes**, normally found within the **"Review" tab of the Excel Menu**. The **"Comment" textboxes** are where the **readable Abstracts reside** denoted by **red triangle** in **"View Abstr"** column cells of the RF-DBase.

EMF-PORTAL Database

<https://www.emf-portal.org/en>

FEATURES:

- The **EMF-PORTAL Database** is considered the **premier ONLINE EMF Database**. It claims over **34,000 EMF related studies** in its collection. Over **6,865** of those **studies** are **reviewed** in more **detail**. The Database was started close to 20 years ago. It Is now **World Health Organization (WHO) premier Database of reference for EMF research and analysis**.
- The EMF-Portal is a project of the FEMU working group of the Institute for Occupational, Social and Environmental Medicine of the Uniklinik RWTH Aachen University.
- The **breath of filtering capabilities is endless**. The Homepage of the Database offers **five broad Menu choices**. Choosing one, **"Literature Review"**, **will follow** with a **series of submenus**. **One Submenu lists** the **number of studies** that appear in the Database under **different categories of Biological effects**. This can be very useful when needing to seek out only specific categories of effects.
- Aside from using the predetermined Database choices the **option exists to type in your criteria** and have **returned a listing of Study Citations matching the keyword**, either limited by the submenu choices or the whole universe of possibilities under that keyword.
- EMF-Portal is an **excellent Database** for **perusing the breath of EMF Science**.

ORSAA (Oceania Radiofrequency Scientific Advisory Association)

<https://www.orsaa.org/orsaa-database.html>

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- **ORSAA Database** is part of the **work of 'not -for-profit' organization of scientists and professionals of various academic disciplines** who are interested in the scientific research that **investigate** the **effects of artificial electromagnetic radiation (EMR) on humans, animals and the environment**. Its **country of origin** is **Australia**.
- The Database contains currently over **3000 studies**. As the name indicates, ORSAA has a **special focus on radiofrequency electromagnetic radiation (RF-EMR)** that includes high frequency microwaves widely used for wireless communication and surveillance technologies. However, ORSAA's interest in biological effects research **extends to extremely low frequency (ELF) fields** such as those utilized for domestic electrification (power frequencies). Their studies comprise both **NO-Effect and Effect studies**.
- The Database contains some **unique Filter/search parameters not found in other Databases**. The Filter parameters are broken down into **6 broad categories**. **Two of the broader category sub menus** include a **wide array of very specific criteria** to **broader ones**. The **user can choose a combination of many** of them.

- Perhaps it's **greatest weakness** is the **other submenus** of the **6 broader criteria** require **very specific input** in order to **derive filtered content** from that subheading criteria. The **database design is fragmented and limited** in its **ability to interpret input keywords**
- Its **greatest strength** is the **content detail derived** from **each study included** in the **filtered results**. The **results** can also be **downloaded to any spreadsheet software**, but the **format** of the **downloaded spreadsheet columns leaves a lot ambiguities** as to what is represented in the Columns' contents.

Powerwatch

<https://www.powerwatch.org.uk/science/studies.asp>

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- **Powerwatch Database** has been in **existence over 20 years**, **researching** the **links** between **electromagnetic fields (EMFs)** and **health risks** for about **30 years**. The **founder, Alasdair Philips**, is qualified in **both Electrical and Electronic Engineering** and in **Agricultural Engineering**. The website **originates** out of **England**.
- It **does not specify** the **number of studies** in the Database, but it would **appear** to be in the **thousands**. The **focus** of the database is mainly on **RF/microwave frequency** studies but **Powerline ELF studies** are also **well represented**.
- It **main selection strength** has always been to **divide studies** into **positive (*biological effect*)**, and **negative (*no effect*) effects**, and **effects not reported**. **Further selection criteria** are possible primarily through **9 general headings**, **five** of which **target type of wireless device** or EMF product used in the exposure, **cell phone, wifi, cell tower etc**. The other **4 headings** are **random assortment** of **authors choosing**; i.e, Electrosensitivity , Brain Responses and EEG, RF and ELF mechanisms.
- The **Database** has recently **added** a **general 'keyword' search box** to incorporate the **Users own criteria** needs.
- The Selection Results are **limited** to the **basic study citation categories: Title, Author, year and Publication**. Also **includes webLinks** to the more comprehensive **Study** and **Abstract**.