



Cyprus Bibliographic Archive of the Earth Sciences

Welcome to CYBAES!

The first issue of the CYBAES newsletter describes the project's goals, contents, upcoming and future developments, and ways to get involved, along with a profile of the archive and featured collections from 2005. All this information is also available on-line at www.cybaes.org.

What is CYBAES?

CYBAES is the *on-line* tool with which one can find out how much we already know about Cyprus' geology, seismology, oceanography, hydrology, meteorology etc. It was officially launched in November of 2005 and aspires to be *the most detailed repository of citations* of all the documents that claim to say something about Cyprus and the earth sciences. Various groups - on the island and abroad - use Cyprus as their natural laboratory while working on various fields of the earth sciences. These groups constitute nuclei of knowledge and their intellectual products (reports, articles, books, etc.) will help to satisfy CYBAES' role as this tool.

How does CYBAES work?

Citations are added to CYBAES in two major ways:

- By locating citations through commercial bibliographic databases (e.g., Web of Science, Georef, ASFA), published bibliographic surveys, or references in the scientific literature;
- By submissions from on-line users: visitors can either use on-line submission forms or send bibliographic materials to CYBAES by mail. Additional, incomplete information that may be helpful in locating and cataloguing a project are always invited.

The citations are imported in a bibliographic database, lists are generated for various browsing options, and they are released on-line in an accessible format.

Upcoming developments

The most significant upcoming development is the introduction of *a search feature*, which will greatly facilitate this database's usability. The process for the transformation of the desktop database to an on-line searchable database has begun. It is anticipated that it will be fully available by September of 2006. This development will also allow the expansion of the browsing options of the archive.

Other upcoming additions include:

- thematic foci and featured projects;
- author lists, leading authors, their profiles and featured publications;
- interactive project-oriented maps.

What are the next steps?

- Collection of documents: the next step in the CYBAES project should be to secure copies of the citations in the archive. Whether on paper or digital, these copies will ensure that the citations can -if needed- generate their true potential, which lies in their data;
- Digitization of documents: all document copies will be digitized, so that their storage and use are practical and feasible. At present, it is not the intention of CYBAES to make all these documents available on-line, due to complex copyright issues.

Why should you care about CYBAES?

- CYBAES is a testament of the global interest in Cyprus as a natural laboratory for the earth sciences, and can be a convincing argument for *more and better research support* by local authorities.
- In providing a concentrated source of earth sciences information on Cyprus, CYBAES can greatly accelerate bibliographic research and the setting of research objectives for investigations conducted on the island;

- Although the research budget of Cyprus has been increasing steadily over the last five years, it is still small enough to render the *prioritization of research objectives* imperative to ensure the wise spending of research money. CYBAES can be used by steering committees to direct long-term goals in the earth sciences, if such opportunities arise;
- CYBAES can both learn from and give back to groups that visit Cyprus during field trips. It can act as a *clearing-house* of scientific publications and information relating to often-visited sites, and perhaps generate materials to assist in "scientific tourism";
- CYBAES can highlight successful projects and experienced scientists in Cyprus and abroad and thus facilitate new collaborations with younger scientists and additional investigations;
- At this time, increased interaction between Cypriots of all communities is a given fact. The scientific community of Cyprus is in an advantageous position because it shares the common language of science and enthusiasm for phenomena and processes not bound by political boundaries. CYBAES can be a *medium* through which acquaintances can be made, discussions can start, and collaborations can form.

How you can help CYBAES

- Sign up on our e-mail lists and become a member. Your interest in such an effort will be much appreciated, and will encourage the growth of local support of earth science research;
- Make organizational and practical suggestions as to how this project could suit your research, educational, and outreach needs better;
- Submit citations and copies of documents for inclusion in CYBAES (see "The Archive" in the column on the right);
- Become an editor: help collect citations and organize them thematically. Contact Angelos Hannides for more details (see contact information at the bottom of the page);
- Let your colleagues -who have worked or are interested in working on earth science-related issues on Cyprus- know about CYBAES.

Visit www.cybaes.org to access easy-to-use on-line sign-up, comment, and submission forms.

The Archive

As of this month, CYBAES consists of 1317 citations, the vast majority of which (867) are peer-reviewed journal articles. There are two important things to note:

- At this point, CYBAES does not include citations of short conference abstracts.
- The thematology of CYBAES is relatively straightforward. However, grey areas do exist, e.g., aspects of zoology, ecology, forestry, natural construction materials, renewable energy sources etc. Don't hesitate to submit a citation for verification. Attempts are made to be broadly inclusive and provide as many useful sources of information to earth scientists as possible.

To submit citations, please use the forms available at www.cybaes.org/submit.html, or e-mail submissions@cybaes.org.

Featured 2005 collections from CYBAES

- John K. Hall of the Geological Survey of Israel kindly sent us copies of a monumental, two-volume work titled "[Geological Framework of the Levant](#)," totaling more than 1300 pages. He and Valery A. Krasheninnikov lead two teams of editors, who navigate us through the chapters of this work and accompanying maps and charts. With J.K. Hall's kind permission, CYBAES is making this work available on the internet in low-resolution pdf format.
- The complete results of the 2002 [Lagrangian phosphorus addition experiment in the Cyprus Eddy](#), along with additional studies undertaken as part of the CYCLOPS project, have been published in a special issue of *Deep-Sea Research II*, Vol. 52 (22-23), edited by Michael D. Krom, Paul Wassmann, and Tamar Zohary.
- Jeremy Hall, Ali E. Aksu, and Cenk Yaltirak edit an issue of *Marine Geology*, Vol. 221 (1-4), dedicated to the [Miocene to Recent tectonic evolution of the eastern Mediterranean Sea](#).

Visit CYBAES on-line for detailed bibliographies of these works, links to project pages, access and availability details, down-loads (where available), and other useful information.

Contact information

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