



Land Use Conflict Resolution Database: PONDS

Technology

The PONDS web-based database serves as an information sharing hub for DoD installations and neighboring communities seeking proven solutions to land-use conflicts. The searchable database allows users to find relevant case studies and articles related to land conflict resolutions and land mitigation strategies within and outside of DoD installations. The database contains case studies and examples from military installations, Federal agencies, the private sector, and non-profit organizations. Users can search for military or non-military examples, by region (via color-designated map), or by location, type of study, stakeholder, mitigation strategy used, or topic (via drop-down lists). For example, topics include resources such as water, air, and threatened and endangered species or land use issues such as sprawl and encroachment.

Problem

Urban development near and around military installations can encroach upon the installation and disrupt its functions and training capabilities. Nearby communities may be concerned about safety, noise, night training, flight zones and other impacts from military activities. Regional issues such as water quality and availability, air quality, and habitat for threatened and endangered species can affect the long-term sustainability of both the installation and surrounding communities.

Expected Cost To Implement

PONDS is publicly accessible through the Internet free of charge through URL:
<https://ff.cecer.army.mil/ponds/home.htm>

Benefits/Savings

Information contained in the PONDS data base can help resolve conflicts that limit or impact an installation's critical ability to maintain its mission, e.g., those issues involving military installations and local communities regarding land use. PONDS has shown itself to be useful for installation sustainability planning, regional planning, and local community planning. Users can access previous studies that document successful conflict resolutions that can be applied in the users' own location. The database also links to expert guidelines and relevant agencies that directly provide or link to additional tools for resolving land use conflicts, such as Smart Growth guidelines and community design standards (e.g., see the sample search results on the following page).



Because PONDS includes articles pertaining to both military and non-military communities, it is broadly useful to military planners, as well as to local communities and land planners who need help improving the quality of life in their cities. Military articles and case studies are particularly useful to installations and nearby communities in resolving land use conflicts that pertain to military land use. Non-military articles can help military installations and nearby communities resolve the range of problems that contribute to their land use conflicts, such as urban sprawl.

Status PONDS 1.5 is presently available via the Internet.

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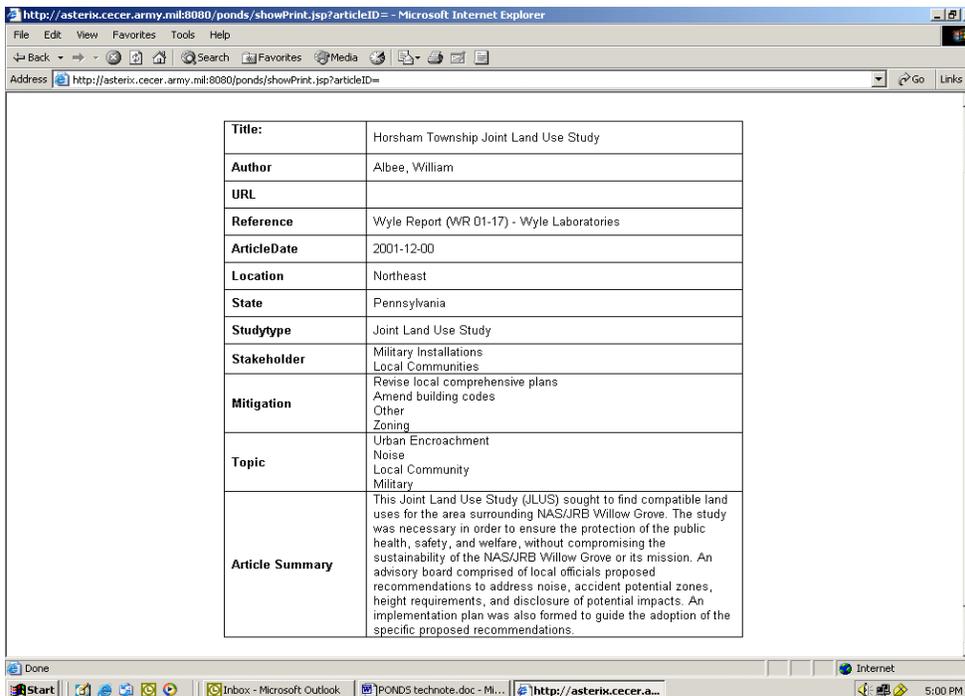
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Distribution Sources The PONDS Internet-based software can be accessed through URL: <https://ff.cecer.army.mil/ponds/home.htm>

Available Documentation PONDS is Internet-based software. Answers to frequently asked questions (FAQ's) and online contact information are provided through the PONDS site.

Available Training Users already familiar with using an Internet browser should be well equipped to use the PONDS Internet-based software. Questions may be directed to the program's listed ERDC POCs.

Available Support Contact and feedback information are included on the PONDS web pages. E-mail support is also available via the Internet.



Users can refer to expert guidelines and links to relevant agencies to find additional tools for resolving land use conflicts.