



Request for Assistance Application Form

DEADLINE: 5:00 p.m. on Wednesday, August 1, 2012

This application form is online at <http://www.cmap.illinois.gov/Ita>. You may submit the form:

- By email, to psaunders@cmap.illinois.gov
- By mail, to the following address:
Local Technical Assistance Program
CMAP
233 S. Wacker Drive, Suite 800
Chicago, IL 60606

1. Name of Applicant: Village of Barrington Hills

2. Main Contact for Application:

Robert Kosin
112 Algonquin Rd.
Barrington Hills, IL 60010
847-551-3000
rkosin@barringtonhills-il.gov
www.barringtonhills-il.gov

3. Type of Applicant (please check any that apply):

Municipality

County

Multijurisdictional group

—————> Please list the members of the group (including government and nongovernmental organizations):

Nongovernmental organization* ———> Name of local government partner(s):

*Applications submitted by nongovernmental organizations must include a letter indicating support from the relevant local government. See the FAQs for more information.

4. What Do You Want to Do?

Please tell us what you would like to do in your community, and what assistance is needed. If you have more than one idea, please submit them together in a single application, and include a cover letter that summarizes all of the projects. Please be specific, but also brief (less than 2 pages per project idea)—we simply want to have a basic understanding of what you want to do. CMAP staff will follow-up with you if we need any additional information to fully understand your proposed project. (Please include any additional information that is relevant, either by attaching the physical documents or providing links to online documents.)

The Village of Barrington Hills is applying for technical and financial assistance to create an active repository of natural resource data, accessible to its contributors and gathered for the purposes of: 1) studying and documenting land-use changes; 2) identifying patterns of impact on natural resources; and 3) furthering educational research. This repository would be an ongoing public-private partnership of land-use professionals and citizen-scientists.

Background: Barrington Hills is located in the northwest suburbs of Chicago and encompasses nearly 28 square miles, with jurisdictional boundaries in McHenry, Kane, Lake, and Cook Counties. The area is diverse in natural resources, from pre-settlement to planned-development patterns. Within the Village exist some six thousand acres of forest preserve, spanning two distinct watersheds, one of which is without an NPDES discharge. Nine municipalities adjoin the Village. Surrounding communities have diverse land uses, both, complementary (similar patterns of development) and challenging (densely populated areas).

For at least 30 years, local volunteer stewards and professional scientists have been gathering natural resource data – bird counts, wildlife migrations, climate reports, groundwater records, aquatic features, aerial photographs – on site-specific issues, general wildlife studies, and backyard documentation of a variety of subject matter. The Village would like assistance to create a clearinghouse and continuously update a library of this data for the purposes of studying climatic impacts, progression of landscape changes on natural resources, restoration strategies, and impact of changing demographics on edge wildlife. We intend to provide a forum within which academic communities such as science, law and policy, agency employees and retirees, students and the general public can collaborate by sharing information, techniques, and perspectives on attaining natural area planning goals and other related land use topics.

The Village is requesting financial and technical assistance in:

- **Establishing data collection strategies, including identifying potential and known resources;**
- **Ranking and sorting data collected, including conducting a gap analysis and determining the value of data;**
- **Compilation of the data into a usable/retrievable resource;**
- **Integration of previously undistributed or unused/under-used data into clearinghouse;**
- **Structure a forum for participation.**

This project will be a public private partnership that will facilitate the exchange of data and identify existing repositories. The assemblage will create a repository for study and comparison of land-use changes and their impact on natural resources including forest fringes, fragment prairies, groundwater resources, wildlife populations and restoration efforts. This project will create trends and baseliner information for the participants.

Assisting the Village in this endeavor will be the Barrington Area Council of Governments, Citizens for Conservation, and Spring Creek Watershed Partnership.

www.barringtonhills-il.gov/conservation.htm

Sources:

[Citizen Science](#)

[Bird Study](#)

[A Brief History of LTER Data](#)

[Land Use Measurements](#)