

## **ECOSYSTEM-BASED MANAGEMENT (EBM) TOOLS NETWORK UPDATE ([www.ebmtools.org](http://www.ebmtools.org))- November-December 2007**

Greetings from the EBM Tools Network! We send out regular updates (every 1-2 months) on new sources of information about EBM tools and current events in the EBM tools field. Due to the time sensitive nature of funding opportunities, however, we send information about these opportunities as soon as we find out about them. As always, we need and appreciate your help staying current on the EBM tools resources and the latest EBM tools news from your regions and projects. Please send new information to [ebmtools@naturereserve.org](mailto:ebmtools@naturereserve.org). And please let colleagues know about these updates. They can sign up at [www.ebmtools.org/contact.html](http://www.ebmtools.org/contact.html).

\*\*\* Update on the new [www.ebmtools.org](http://www.ebmtools.org) website: Work on the new website is slower than expected, but we hope to have it fully operational and resume our broader updates early next year. In the meantime, we will keep sending you updates on funding and training opportunities as they arise.\*\*\*

### **>>> EBM TOOL FUNDING OPPORTUNITIES**

#### **Cleveland Metroparks Zoo Grants for Research and Conservation Initiatives in Latin America and the Caribbean, North America, Africa, and Asia**

Cleveland Metroparks Zoo is accepting pre-proposals in each of its competitive grants programs related to wildlife conservation and research: Africa Seed Grants, Asia Seed Grants, Conservation and Research Small Grants (North America), and the Scott Neotropical Fund (Latin America). Awards range from US\$1,000 - US\$3,500 for all programs, except for the Scott Fund, where awards range between US\$3,000 - US\$5,000. **The deadline for pre-proposals is Friday, January 11, 2008.** For more information about eligibility criteria, application guidelines and the timeline for review, see the Zoo's web page at: <http://www.clemetzoo.com/conservation/grants/> or contact Sonia DiFiore, Conservation Coordinator, at [grants@clevelandmetroparks.com](mailto:grants@clevelandmetroparks.com).

### **>>> UPCOMING EBM TOOL DEMONSTRATION WEBINARS**

**February 5, 2008, 2 pm EST- Demonstration of Habitat Priority Planner by Danielle Bamford and Chrissa Stroh of NOAA Coastal Services Center.** HPP is a new spatial decision support tool designed as an ArcGIS toolbar to assist resource managers, researchers, and land-use planners in prioritizing important areas in the landscape or seascape for conservation or restoration action. What makes this tool unique is the ease with which the scenarios can be displayed and changed, making this a helpful companion when working with a group. In addition to the scenarios, the tool also generates pertinent reports, maps, and data tables. The tool and additional information are available at <http://www.csc.noaa.gov/hpp/>. Web conferencing information for this tool demonstration will be sent out via this mailing list a few weeks before the webinar.

**March 6, 2008, 1 pm EST- e-Participation demonstration by Chris Haller of PlaceMatters.** e-Participation is the use of information and communication technologies to broaden and deepen political participation by enabling citizens to connect with one another and with public leaders. This demonstration will give an overview of a variety of e-Participation techniques and services that PlaceMatters offers including interactive project websites, keypad polling systems, community mapping exercises, web mapping tools, on-line brainstorming, and on-line dialogues. Learn more about PlaceMatters e-Participation offerings at [www.placematters.org/files/PlaceMatters%20Civic%20Engagement%20Offerings\\_web.pdf](http://www.placematters.org/files/PlaceMatters%20Civic%20Engagement%20Offerings_web.pdf). Web conferencing information for this tool demonstration will be sent out via this mailing list a few weeks before the webinar.

## >>> UPCOMING EBM TOOLS TRAINING OPPORTUNITIES

### **Ecosystem Modeling Training in the Philippines, January 31-February 5, 2008**

A training workshop to support EBM capabilities in GEF/LME projects “Promoting Ecosystem-based Approaches to Fisheries Conservation and LME’s (Global activity)” will be held in the Philippines January 31-February 5, 2008. The workshop will be the first to use a newly developed methodology for database-driven model generation, and ecosystem models for each of the Large Marine Ecosystems (LMEs) in the region will be made available for the participants. Participation is limited to 28. Priority will be given to participants from GEF/LME projects, and with the aim of obtaining wide representation. Participation from other projects is however welcome, space permitting. There are no fees for participation in the training workshop. Participants who are not affiliated with GEF/LME projects will, however, need to cover costs for their accommodation, meals, etc. [Learn more.](#)

### **Technology Tools for Ecosystem-Based Management of Coral Reefs to be held at the International Coral Reef Symposium in Ft. Lauderdale, Florida, July 12, 2008, 8 - 11:30 am**

This training workshop will provide an overview of recently-developed technology tools and methods for facilitating Ecosystem-Based Management (EBM) of coral reef ecosystems. In particular, we will focus on tools and methods that can help resource managers and policymakers collect, visualize, analyze, and integrate diverse types of information (such as information on the coral reef ecosystem and human communities that depend on it); provide decision support for common coral reef conservation, restoration, and resource management decisions; and help engage communities and stakeholders in the decision making process. If interested in participating, contact the organizers as soon as possible. For more information, contact the EBM Tools Network Coordinator Sarah Carr at [sarah\\_carr@naturereserve.org](mailto:sarah_carr@naturereserve.org).

### **Tools and Methods for Integrated Land-Sea Planning to be held at the Society for Conservation Biology Meeting in Chattanooga, Tennessee, July 13, 2008, Full-day Workshop**

This training workshop will use a selection of current case studies (from a rural area of Texas; an urban area in Charleston, South Carolina; and paired work in coastal Oregon and North Queensland, Australia) to educate participants about tools and methods that can be employed to conduct integrated land-sea planning. The full-day workshop will also allow enough time for participants to describe their proposed or desired integrated land-sea planning work and discuss different ways to conduct this work with workshop organizers and each other. For more information, contact the EBM Tools Network Coordinator Sarah Carr at [sarah\\_carr@naturereserve.org](mailto:sarah_carr@naturereserve.org).

### **Technology Tools for Coastal-Marine Ecosystem Based Management to be held at the Coast to Coast Conference in Darwin, Australia, in August 2008**

Ecosystem-based management (EBM) of coastal and marine environments requires the integration of information about a vast array of environmental and human systems. A variety of software tools have been developed to help policymakers and managers collect, visualize, and analyze this information and engage stakeholders in the EBM decision making process. This workshop will provide an overview of existing tools that can be used for EBM in coastal and marine environments (including live demonstrations of key tools), describe projects which have used these tools, provide guidance on what a coastal manager needs to consider when selecting a tool for his or her project, and point managers in the direction of additional resources to find out more about tools. We will also seek input from participants on the types of tools that would be useful for their EBM projects and what they would like to see in an expanded EBM tools training course. For more information about this workshop, contact the EBM Tools Network Coordinator at [sarah\\_carr@naturereserve.org](mailto:sarah_carr@naturereserve.org).

## >>> EBM TOOLS ADDED TO DATABASE

We are pleased to announce that eight new tools have been added to the EBM Tools Database: **1) Visual Sample Plan (VSP)** is a software tool that supports the development of a defensible sampling plan based on statistical sampling theory and the statistical analysis of sample results to support confident decision making. **2) MIKE 21** is an engineering software package for the simulation of flows, waves, sediments and ecology in rivers, lakes, estuaries, bays, coastal areas and seas. **3) MIKE 3** is an engineering software package for 3D free-surface flows that applies to simulations of flows, cohesive sediments, water quality and ecology in rivers, lakes, estuaries, bays, coastal areas and seas. **4) ECO Lab** is an equation solver designed for ecological modeling and designed to make the development of tailor-made models easy. **5) MIKE SHE** is a modeling tool that can simulate the entire land phase of the hydrologic cycle. **6) Restoration Prioritization Toolset** is a GIS based decision support tool used to help prioritize restoration management activities within an area of interest. **7) WARMF** is a physically based watershed modeling framework and decision support system for watershed management. **8) Automated Geospatial Watershed Assessment (AGWA) Tool** is a GIS-based watershed management tool that parameterizes and runs two watershed models, KINEROS2 and SWAT; it is designed to provide qualitative estimates of runoff and erosion relative to landscape change.

Best wishes for your work,

Sarah Carr

Network Coordinator

[Ecosystem-Based Management Tools Network](#)

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