FLORIDA AQUATIC PLANT MANAGEMENT SOCIETY, INC.

VOLUME 65

Editor: Stephanie Walters

SECOND QUARTER, 2007

MESSAGE FROM THE PRESIDENT

Hello to all fellow members of the FAPMS. I hope that each of you is having a successful year in aquatic plant management. If you are like our crews here in Highlands County, much of our work seems to be going terrestrial rather than aquatic as a result of the severe drought conditions! Lucky for us though, we still have plenty to do anyway.

I am looking forward to meeting with everyone again in St. Pete this year. As you are aware, the conference will take place October 1-4, 2007. I hope that you are working on your plans to attend. If by chance, you are new to the Florida Aquatic Plant Management Society, you will not want to miss this conference. In addition to obtaining CEU's for aquatic, rights-of-way, natural areas, CORE, and other credentials needed for license renewal, you will really enjoy the presentations, industry exhibits, and equipment demonstrations. This is the place where you can gain a lot of knowledge through the exchange of ideas and methods for invasive plant control. Our meeting sponsors are also happy to discuss with you many of the tried and true products as well as the new formulations currently on the market or coming available in the near future. Plan to come to renew old friendships or to make new friends that will surely last for years to come.

We are currently soliciting applications for Aquatic Plant Manager of the Year. This award is to recognize an outstanding individual/team for their achievement in the field of aquatic plant management. If you have people that fit these criteria, I encourage you to submit and application to show how much you appreciate the great work.

Please feel free to visit our website at www.fapms.org at any time for more information about our Society and the upcoming conference.

On behalf of the Board of Directors, I thank each of our "oldies but goodies" as well as those new to the aquatic plant management industry for becoming members of FAPMS. You are important to the continued success of our Society.

Cordially,

Vicki Pontius



Florida Aquatic Plant Management Society, Inc.

AGENDA

BOARD OF DIRECTORS MEETING APRIL 25, 2007

OFFICE OF ARMY CORPS OF ENGINEERS CLEWISTON, FLORIDA 10:00 A.M.

Call to Order at 10:00 A.M

Roll Call

Approval of Minutes 1st Quarter

Correspondence

Vicki Pontius

Stephanie Walters

Vicki Pontius

Vicki Pontius

a. Request from AERF for FAPMS Membership Renewal

b. DACS-FAPMS Membership Directory available to public

c. Request to advertise UF Meeting in October in FAPMS newsletter

d. Request for sponsorship for UF Short Course

Treasurer's Report Secretary's Report Editor's Report Jennifer Myers Secretary Walters

Jeff Holland

Committee Reports

1. Auditing

2. Awards

3. By-Laws

4. Governmental Affairs

5. Historical

6. Local Arrangements

7. Mailing List

8. Merchandising

9. Nominating

10. Program

Speaker-Dr. Tina Bond

11. Resource Demonstration

12. Scholarship

13. Vendor

14. Website

15. Membership & Publicity

Keshav Setaram

Mitch Morgan

Stephanie McCarty

Dr. Bill Haller

Robbie Lovestrand

Bill Torres

Jackie Smith

Jennifer Bustos-Fitz

Bill Moore

Chance DuBose/Tim Harris

Paul Mason

Don Doggett

Dan Bergeson

Dan Deiges

David Farr

Chance DuBose

Old Business

- 1. Potential Nominees for director positions
- 2. FAPMS display status

New Business

- 1. Lake Vegetation Index-Jeff Holland
- 2. Site and time selection for next meeting

SECOND QUARTER 2007 FAPMS BOARD OF DIRECTORS' MEETING

Correspondence

Hello Stephanie,

I am working with Dr. Ken Langeland to put on the Right-of-Way & Aquatic Pesticide Applicator Training (RAPAT) to be held October 16-18, 2007 at the Edgewater Beach Resort in Panama City Beach, FL. I have noticed that you offer classified advertisements in your newsletter. Do you by chance provide non-profit organizations, such as the University of Florida, with the opportunity to announce upcoming events and trainings? If so, I would appreciate you publishing an announcement for our RAPAT training. If you are able to only do a text blurb, here is some verbiage you could use.

"Right-of-Way & Aquatic Pesticide Applicator Training, October 16-18, 2007, Edgewater Beach Resort, Panama City Beach, FL

Up to 12 CEUs in Right-of-Way, Aquatic, and Natural Areas pesticide application will be offered at this training. Register online by July 16, 2007 for the early REDUCED registration fee. For more information and to register, go online to http://conference.ifas.ufl.edu/applicator/. For questions or assistance contact Jhanna Crutchfield at jhanna@ufl.edu or 352-392-5930."

However, if you prefer, I am attaching a ¼ page ad that can be used instead. Please feel free to visit our website to learn more about the RAPAT. If you have any questions or concerns feel free to call me.

Treasurer's Report

Jennifer Myers reported \$104,019.17 for current assets. \$1390.40 for total income, and \$3,109.20 total expenses from 11/01/06-01/23/07

Secretary's Report

I am looking for articles and newsletter advertisements, also please try to have reports sent <u>prior</u> to the board meeting so that they can be included in the board books for review prior to the board of directors meeting. Or respond no report.

Editor's Report

Don't forget to send in an article or informational piece for the next issue of Aquatics magazine. Deadline May 15, 2007.

Jeff also mentioned a new "how to" section coming to Aquatics magazine, and will check to see if smaller advertising space will be available.

A motion was asked to be made to approve the 2^{nd} quarter minutes, Jennifer Bustos-Fitz made the motion, Tim Harris seconded. The motion passed unanimously.

Auditing

Keshav reported the income taxes are being processed.

Awards

Stephanie Walters read Mitch Morgan's report on his behalf. Mitch reported the following for awards expenses. Plaques \$1050.53 (paid by the society) Grand Prize \$1392.76 (paid by Cerexagri) Door prizes (donated by vendors)

By-Laws

Any changes made to the FAPMS By Laws will be made by the By Law committee, and forwarded to the website committee to be posted on the FAPMS website. An original document of the changed by laws will then be submitted to the secretary to keep for records.

Financial

Discussion of the financial committee was as follows, the financial committee was established to approve expenses of more than \$250.00 between meetings, expenses can be voted on by the board via email and will be published in meeting minutes. To be further discussed at the next board meeting.

Governmental Affairs

Discussion of continual funding for the invasive plant program, the board requested Bill to email additional information.

Historical

No report submitted

Local Arrangements

Teleconference with Bill

Bill Torres reported via teleconference the annual FAPMS conference will be back in Daytona Beach for 3 consecutive years at the Daytona Beach Hilton.

Mailing List

No report submitted

Merchandising

Jennifer Bustos-Fitz asked the board for suggestions on meeting merchandise. The board suggested looking into Columbia fishing shirts.

Nominating

Keshav reported he is looking for 3 directors and a president elect, and will have the nominations to the board at the 3rd quarter board of directors meeting.

Past President Advisory

No report submitted

Program

Chance reported they are currently working on the program, and new ideas such as increasing talks and CEU's for Natural areas, as well as possibly adding a section on Bio control. Chance also mentioned having a band one night, and the possibilities of having the social function at Captain Al's outside.

The board also discussed the cost of a new display for FAPMS to be around \$500.00

Membership & Publicity

The board discussed ways to reach the 1,788 licensed applicators in Florida, and considered reviewing list from the Florida vegetation management meeting.

Resource Demonstration

Paul Mason reported via email possibly having a US Coast guard trainer to demonstrate inland waterway rules and safety.

Scholarship

Don Doggett reported the silent auction at last year's annual meeting raised \$1,000, and plans to continue that as a fundraiser for the scholarship foundation. Don also mentioned the Scholarship foundation is considering sponsoring a breakfast at the annual meeting for the sponsors and raffle item donors as a way to say thank you for their support.

Vendor

Dan Berguson reported he would be sending out sponsorship letters in May.

Website

Member email addresses will soon be posted on the FAPMS website.

Old Business

- 1. Potential Nominees for director positions
- 2. FAPMS display status

New Business

The biological assessment section of FDEP is moving forward with developing a "Lake Vegetation Index" that will be used to "assess the Biological Condition of Florida Lakes". This part of the TMDL development process will provide "a rapid screening tool for assessing the ecological conditions of a lake by determining how closely a lake's flora resembles that of an undisturbed condition".

There may be some concern here as some of the plants listed in the LVI index score are species that may be impacted through normal aquatic plant management activities. I highly encourage each of the Board members and Directors to review this new procedure the FDEP's Biological Assessment team is putting together and get involved while the SOP is still being drafted. The final rule is supposed to be posted in August, 2007.

Lake Vegetation Index DRAFT SOP: ftp://ftp.dep.state.fl.us/pub/labs/assessment/sopdoc/lvi_sop.pdf List of Plant Species and their rankings: http://www.dep.state.fl.us/labs/docs/lvi_data.xls Overview of all new FDEP SOPs: http://www.dep.state.fl.us/labs/sop/index.htm

See you at the next Board meeting, Jeff

Site and Time Selection for next meeting Adjourn:

The 3rd quarter board of directors meeting will be held July, in Orlando. Information to be posted on the FAPMS website

Meeting Adjourned 11:45 A.M.

BASF ProVM Granted Renewed Experimental Use Permit for Clearcast[™] Herbicide Targeting Aquatic Vegetation in 2007

RESEARCH TRIANGLE PARK, N.C. June 26, 2007

– BASF Professional Vegetation Management
(ProVM) has received an Experimental Use Permit
(EUP) from the Environmental Protection Agency
(EPA) to evaluate Clearcast™ herbicide for the
control of submerged, emergent and floating aquatic
weed species.

Clearcast herbicide was given an EUP in 2006 covering 11 states. The expanded EUP allows for the use of Clearcast in 17 states, including Alabama, Colorado, Florida, Idaho, Indiana, Louisiana, Minnesota, Mississippi, North Dakota, New Jersey, North Carolina, Nebraska, South Carolina, South Dakota, Texas, Washington and Wisconsin.

Under the EUP, a total of 4,750 acres will be available for treatment this year, targeting weed species such as hydrilla, Eurasian water milfoil, water hyacinth, bladderwort, cattail, phragmites, curlyleaf pondweed, frogbit, giant reed, water pennywort and watershield.

"Our testing will focus on the level of control achieved for submerged, emerged and floating plants," said Dr. Jeffrey H. Birk, regulatory manager for BASF ProVM. "We'll also evaluate the potential impact on desirable aquatic plant species in these states."

Part of the imidazolinone family, imazamox is formulated as an aqueous 1.0 lb ae/gal soluble liquid. Imazamox inhibits the enzyme acetohydroxyacid synthase (AHAS), which is found only in plant species, and is responsible for the synthesis of three branch-chain amino acids. This inhibition disrupts protein synthesis and subsequently interferes with cell growth of susceptible plants. Studies indicate that imazamox is taken up by the foliage and translocated throughout the plant, and susceptible weeds stop growing shortly after application and die within 4 to 12 weeks. Studies also indicate that Clearcast is nontoxic to birds, fish, algae and aquatic invertebrates.

BASF ProVM is working with the University of Florida Center for Aquatic Invasive Plants, the U.S. Army Corp of Engineers and various state agencies

within the states participating under the EUP.

BASF: Helping Make Products Better™

With sales of €3,079 million in 2006, BASF's Agricultural Products division is a leader in crop protection and a strong partner to the farming industry providing well-established and innovative fungicides. insecticides and herbicides. Farmers use these products and services to improve crop yields and crop quality. Other uses include public health, structural/urban pest control, turf and ornamental plants, vegetation management, and forestry. BASF aims to turn knowledge rapidly into market success. The vision of BASF's Agricultural Products division is to be the world's leading innovator, optimizing agricultural production, improving nutrition, and thus enhancing the quality of life for a growing world population. Further information can be found on the web at www.agro.basf.com.

BASF: The Chemical Company. We don't make a lot of the products you buy. We make a lot of the products you buy better.®

BASF Corporation, headquartered in New Jersey, is the North American affiliate of BASF AG, Ludwigshafen, Germany. BASF employs more than 15,500 in North America and had sales of approximately \$14.3 billion in 2006. For more information about BASF's North American operations or to sign up to receive news releases by e-mail, visit www.basf.com/usa.

BASF: The Chemical Company.

The BASF portfolio ranges from chemicals, plastics, performance products, agricultural products and fine chemicals to crude oil and natural gas. As a reliable partner to virtually all industries, BASF's high-value products and intelligent system solutions help its customers to be more successful. BASF develops new technologies and uses them to meet the challenges of the future and open up additional market opportunities. It combines economic success with environmental protection and social responsibility, thus contributing to a better future. BASF has over 95,000 employees and posted sales of €52.6 billion (approximately \$66.1 billion) in 2006. Further information on BASF is available on the Internet at www.basf.com.

Always Read and Follow Label Directions.

Clearcast is a trademark of BASF.

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Florida Aquatic Plant Management Society 31st Annual Training Conference

October 2 - 4, 2007 Registration Form

Date			
Name (s)			
	Company		
Mailing A			
Cit		State	Zip
Phone _	Fax	E	-mail
\$	Conference Registration (s) \$135 Your registration includes a FAPMS 1 y		
\$	Extra Banquet ticket (s) \$25 each	ch	
\$	Other (Please Specify, I.E. donation)	(v)	
\$	Contribution to Scholarship fund		
\$	Total (please make checks payable	to FAPMS	3)
Payment	Method: Cash Check #	* Purch	hase Order #
	Visa MasterCard Discover	Credit ca	ard #
	Exp. Date	Name on c	card:

For Hotel reservations call the Hilton St Petersburg at (727) 894-5000. Please make room reservations at least 30 days in advance and reference FAPMS when you call to get the special room rate of \$99.00 per night. Hilton St Petersburg, 333 First Street South, St Petersburg, FL 33701

Note: Continuing Education Units (CEU'S) will be offered at this training conference

Mail to: Jennifer Myers, FAPMS Treasurer

Applied Aquatic Management, Inc.

P.O. Box 1469

Eagle Lake, FL 33839-1469 E-mail: Registration@fapms.org

863-533-8882 863-534-3322 fax

31st Annual Training Conference

October 2 - 4, 2007

<u>Hilton St Petersburg</u>
333 First Street South
St. Petersburg, Florida 33701
(727) 894-5000 fax (727) 823-4797

* Attendees will have a special room rate of \$99.00 a night. Reservations must be made no less than 30 days in advance to receive this room rate.

For question related to the Training Conference please contact us at: registration@fapms.org



Please take a minute and review the information below to see how your company or organization can partner with your local lake managers:

The mission of the **Florida Lake Management Society (FLMS)** is to promote protection, enhancement, conservation, restoration, and management of Florida's aquatic resources; provide a forum for education and information exchange; and advocate environmentally sound and economically feasible lake and aquatic resource management for the citizens of Florida. www.flms.net

North American Lake Management Society's (NALMS) mission statement is simple and clear: The purpose of the Society is to forge partnerships among citizens, scientists, and professionals to foster the management and protection of lakes and reservoirs for today and tomorrow. www.nalms.org

October 29-November 3. The Florida Lake Management Society is hosting the 2007 North American Lake Management Society's International Symposium on "Understanding the Science of Lake Management". Location: Walt Disney World® at Coronado Springs Resort, Florida. www.nalms.org/Conferences/Orlando

Florida Lakewatch needs your help. Florida LAKEWATCH is a volunteer citizen lake monitoring program that facilitates "hands-on" citizen participation in the management of Florida lakes through monthly monitoring activities. They are continuing to compile a statewide database of the exotic plants (aquatic and upland) and aquatic birds found throughout Florida. For those interested in providing information please visit their website (lakewatch.ifas.ufl.edu) and complete an online form.

Place your ad in the FAPMS quarterly newsletter and reach over 500 Aquatic Plant Managers with every issue.

Place a business card add in the newsletter and reach your target audience

ADVERTISING RATES

Classified

\$25.00

Business card

Single Issue

\$30.00

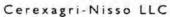
Yearly (4 issues)

\$100.00













US Army Corps of Engineers ®













MONSANTO

Market your services and support FAPMS! Place your ad in the next newsletter!

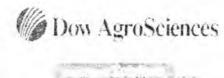




















FIRST CALL FOR PAPERS-FAPMS 2007 MEETING

The 31st annual training conference will be at the Hilton St. Petersburg from October 2nd to the 4th, 2007. You do not have to be a professional speaker in order to give a paper! We are looking for papers on herbicide application and mechanical techniques (aquatic and right-of-way), mixtures, innovative control measures, re-vegetation projects, new plant introductions, research projects, etc. Remember, FAPMS revolves around the applicator and the annual training conference is a chance to share what you have learned with other members. Each year the Society awards all field applicators that present a paper with a plaque. This year the field applicator presenting the best paper will receive \$300 as well. Second place will receive \$200 and \$100 dollars for third place.

NOTE: DEADLINE FOR S	SUBMISSION IS AUGUST 11, 2007
Title	
Author(s)*:	
Organization:	
Address:	
Telephone:	Email:
*If more than one au	uthor, please circle the name of the person who will present the paper at the meeting
Title of Talk & Brief Abstrac	ot:
Biography of Presenter:	
NOTE: Length of talk is usi length of talk:	ually 15 minutes. If your presentation is shorter or longer, please indicate the Minutes
Check as appropriate: Applic projector (transparencies)	ator paper; Computer (Power Point); Slide projector; Overhead ; Video projector ; Other needs
The preferred format for talks	s will be with Power Point. Anyone needing assistance with the preparation of a contact Chance DuBose, 602 North Palm Ave, Palatka, FL 32177 or email:
Submit this form to: Tim H	arris

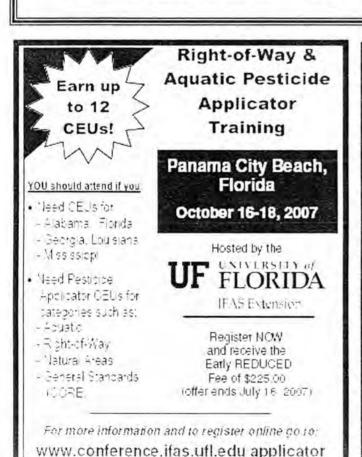
602 N. Palm Avenue Palatka, FL 32177 Or fax to (386) 328-1298 The biological assessment section of FDEP is moving forward with developing a "Lake Vegetation Index" that will be used to "assess the Biological Condition of Florida Lakes". This part of the TMDL development process will provide "a rapid screening tool for assessing the ecological conditions of a lake by determining how closely a lake's flora resembles that of an undisturbed condition".

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Lake Vegetation Index DRAFT SOP: ftp://ftp.dep.state.fl.us/pub/labs/assessment/sopdoc/lvi_sop.pdf

List of Plant Species and their rankings: http://www.dep.state.fl.us/labs/docs/lvi data.xls

Overview of all new FDEP SOPs: http://www.dep.state.fl.us/labs/sop/index.htm



FAPMS Membership List

The FAPMS membership list has now been published. If you wish for your information to be removed from the list, please contact VPONTIUS@hcbcc.org

Be sure to visit our website!! WWW.FAPMS.ORG

UPCOMING MEETINGS AND EVENTS

July 15 - 18, 2007 47th Annual Meeting of the Aquatic Plant Management Society Nashville, TN http://www.apms.org

SFAPMS

Meetings are held the third Thursday in March, June and September Please contact an Officer or Board member to obtain location of meeting.

November 1 - 2, 2007
Hillsborough Community College
34th Annual Conference on Ecosystems Restoration & Creation
Plant City, FL
www.hccfl.edu/depts/detp/ecoconf.html

31ST ANNUAL TRAINING CONFERENCE OCTOBER 2-4, 2007 • HILTON ST. PETERSBURG

WANTED!!! Applicators to give presentations. You could win \$300.00

Florida Aquatic Plant Management Society	Inc
Membership Form	

		Membership Forn	n	
Name			Date	
Company/ Agency	/			
Address				
City		State	Zip Code	
Phone		Fax	E-mai I	
	p Levels: Act Stu	ive \$35□, Associate (out d dent \$5□, Library Service	n affecting the aquatics industry of state) \$35□, Contributing \$50□ e \$100□ if contact information has changed □	
Make Checks Pa	P	APMS O Box 560700 rlando, FL 32856-1327	E-mail: mail@fapms.org	
Credit Card	Card #		Expiration /	
Name	e on Card:		Visa Master card Discove	r
			Amount Enclosed	
Please note:	if you need to chan	ge, correct, or check on your member	rship, please call Jackie Smith at 561-722-2479	1

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President-Elect	
Chance Dubose	386-328-2737
Past President	
Bill Moore	352-242-2360
Secretary	
Stephanie Walters	407-466-8360
Treasurer	
Jennifer Myers	863-533-8882
Editor	
Jeffrey Holland	407-824-7301
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Dr. William (Bill) Haller.	352-392-9615
Johnnie Drew	386-329-4269
Michael Netherland	352-392-0335
Second Year	
Bruce Jaggers	352-742-6438
Jennifer Bustos-Fitz	.954-382-9766
Robbie Lovestrand	.352-726-8622
First Year	
Lowell Trent	.407-889-0276
John A. Evertsen	.407-246-2234
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2006-2007 COMMITTEE CHAIRS

Auditing	Awards	By-Laws
Keshay Setaram	Mitch Morgan	Stephanie McCarty
407-824-7274	352-316-6540	407-824-7274
Governmental Affairs	Editorial	Historical
Bill Haller	Jeff Holland	Robbie Lovestrand
352-392-9615	407-824-7324	352-726-8622
Local Arrangements	Mailing List	Membership & Publicity
Bill Torres	Jackie Smith	Chance Dubose
850-245-2809	561-722-2479	386-328-2737
Merchandise	Nominating	Program
Jennifer Bustos-Fitz	Bill Moore	Tim Harris & Chance Dubose
954-382-9766	352-242-2360	386-328-2737
Resource Demonstration	Scholarship	Vendor
Paul Mason	Don Doggett	Dan Bergeson
407-718-9154	239-694-2174	813-267-5650
Website		
David Farr		
386-424-2920		

Florida Aguatica Plant Management Society of Inc P.O. Box 560700 Orlando, FL 32856-1327

Tim Harris......386-328-2737

ext 36

