

# FACM FACTS

Semi-annual Publication of the Florida Association of Cadastral Mappers

**FACM FACTS**

**January 2006**

## President's Message

By *Cheryl A. Gerwig*

FACM has always been dedicated to education, this year is no exception. We have three FACM courses scheduled for 2005/2006: FACM Course 01, **Mathematics for the Cadastralist**, was held December 5<sup>th</sup> – 9<sup>th</sup>, 2005. FACM Course 02, **The Public Land Survey System**, will be held May 1<sup>st</sup> – 5<sup>th</sup>, 2006 at The Plaza Resort in Daytona Beach. FACM Course 03, **Interpretation of Real Property Descriptions**, will be held at the Florida Mall Hotel in Orlando, July 31<sup>st</sup> – August 4<sup>th</sup>, 2006. If you have any questions regarding the FACM courses please contact Kay Gargis, Education Chair. Kay can be reached at [kay.gargis@brevardpropertyappraiser.com](mailto:kay.gargis@brevardpropertyappraiser.com). We also have several members who are applying for their MCF designation. I encourage the membership to continue their education and contact Jeff Maasch, [jmaasch@ircpa.org](mailto:jmaasch@ircpa.org), regarding the MCF designation program.

We have begun preparations for the 2006 Florida GIS and Mapping Conference. The conference will be held at the Radisson Resort at the Port, Cape Canaveral, May 16<sup>th</sup> -19<sup>th</sup>, 2006. This year's theme is **Accessing Geo-Spatial Data**. Data sharing is the concept behind this theme. A call for papers is included in this newsletter. Please consider being a part of this year's program. This conference is a coordinated effort on the part of FSMS, FACM, FLORIDA URISA, and FLORIDA ASPRS. Please check the FACM website for more details.

Take a good look at the FACM website. It has gone through some changes and should be one of your first sources for information. Thank you, **Mike Wentworth**, for the fabulous job on the website. The site contains information about the upcoming conferences, courses, and current job openings, as well as scholarship information. Did you realize that each year FACM gives three \$500.00 scholarship awards? I encourage you to take advantage of these funds to continue your education.

As we begin 2006, we must take a moment to reflect on last year. We lost a founding member of FACM, Erma Thomas, Pinellas County (retired), and who was the first President of our organization, serving two terms 1987 – 1989. I thank those members who attended Erma's memorial service. It was a celebration of her life. Dave Clifton, Deeds Supervisor for the Volusia County Property Appraiser's Office, died on September 4<sup>th</sup>, 2005. Dave was highly respected by those he worked with. Please see the **Memorial Tributes** on the website.

I would like to thank Wayne Costin for his contribution to FACM. Wayne has stepped down as FACM Treasurer to pursue a job change and he and his family have moved to South Carolina. Corey Mathis, Lake County, has accepted the challenge of Treasurer. We welcome you, Corey.

Finally, I would like to add that if you ever have any questions or concerns of any type, to contact me. I am here to serve you. I can be reached via email at [cagerwig@hotmail.com](mailto:cagerwig@hotmail.com).

**In Remembrance of  
Erma Thomas  
Two Time FACM President  
Pinellas County Property  
Appraiser's office (Retired)**

On Tuesday, November 29, 2005 **Erma Thomas** passed away. Erma was one of the "Founding Five" of FACM and served as its first President for two terms, from 1987 to 1989. Erma worked at the Pinellas County Property Appraiser's Office for over 30 years until her retirement in 1994. We are both proud and grateful for her commitment and dedication to FACM and Cadastral mapping.

Erma's funeral was attended by many of our members who commented on how it was a celebration of her life. Our sympathy goes to her family and friends.

**Volusia County Loses  
One of It's Best**

**Dave Clifton** was a Deeds Supervisor for the Property Appraiser's Office and had worked for Volusia County for 24 years. He died on September 4, 2005 at the age of 56. Dave was a native and lifetime resident of DeLand. He served in the US Army and National Guard. Dave was very athletic; a current member of the YMCA and a softball player with the Florida Half Century Amateur Softball Association. He leaves behind his wife Sherry and daughter and son, Emily and Nolan.

In the community, Dave was known as a man of his word and a man of great knowledge of the lands of Volusia County. He was well respected and faultlessly accurate. He had a great reputation for

interpreting legal descriptions, resolving conflicts, and finding map discrepancies.

By his co-workers, Dave was considered a fine leader with a great sense of humor and a man with a wealth of knowledge. He was an avid Seminole fan and had a lively rivalry in the office. He was loyal, patient and sincere. He will be remembered by some of his favorite sayings: "a map is only as good as the map maker", "good job", and "goodnight, hey, thanks for coming". He will be truly missed.

"Dave Clifton filled "all the bills" according to Volusia County Property Appraiser, **Morgan B. Gilreath, Jr.** He was a devoted father and husband who doted on Dolan, his son, and Emily, his daughter and talked of Sherry, his wife, as if they were still dating. Outside of his family, Dave truly loved "mapping" and was instrumental in our being where we are, technologically. He was a close personal friend to many of us and he is missed by all."

**2006 FLORIDA GIS  
MAPPING CONFERENCE**

The Florida GIS and Mapping Conference, hosted jointly by FACM, Florida ASPRS, FSMS, and Florida URISA, will be held Tuesday, May 16 through Friday, May 19, 2006 at the Radisson Resort at the Port at Cape Canaveral.

This year's theme is **Accessing Geo-Spatial Data**. Data sharing is the concept behind this theme. A call for papers is included in this newsletter.

Announcement cards have already been sent out so we hope you have set these dates aside on your calendar.

## JOB POSTINGS



### GIS SUPERVISOR / MANAGER Clay County Property Appraiser's Office Green Cove Springs, FL

**Salary range: \$50,000**

Qualified applicants should have a minimum of six years experience in ESRI (ArcView 3x, ArcInfo, ArcGIS and ArcIMS preferred. Database development/management and analytical skills are essential. Must be a team player and goal oriented. Management experience preferred but not required. For consideration, please email resume and pertinent information to [info@ccpao.com](mailto:info@ccpao.com).

#### Duties Associated:

Generating graphical representation of the parcels in the county, for the establishment and verification of equitable assessment of values is the primary function of this department. This department also generates both data and visual representation (maps) for governmental and public use.

#### (GIS SUPERVISOR / MANAGER CONTINUED)

The GIS Manager would be responsible for the following duties and/or tasks:

- 1) Supervises assigned personnel, including selecting or recommending selection and training.
- 2) Conduct needs assessments for database design and development; evaluates and makes recommendations for purchasing software and hardware for the department.
- 3) Completes data requests; creates special GIS-based maps per requests; interacts with the public to provide information/data.
- 4) Implements and manages mapping side of website; creates new parcels and fixes/updates existing parcel coverage.
- 5) Prepare and conduct the conversion from a librarian tile environment to a seamless GeoDatabase.
- 6) Prepare budgetary requests for departmental expenditures; provides fiscal data for preparation of annual budget.
- 7) Provides support for and works with other County offices as needed and completes special projects as assigned.
- 8) Assist the Director of Information Services in implementation of upgrades to GIS software as needed
- 9) Maintain an open line of communication with the Director of Information Services for hardware support and special needs
- 10) Active management of base map design and development as its evolution requires
- 11) Attends or conducts staff and other professional meetings to exchange information; attends in-service training and technical or professional classes, seminars or conferences to improve technical or professional skills/knowledge.
- 12) Any additional duties as assigned.

## 2005 FACM Fall Mapping Conference & Workshop

The 2005 FACM Fall Mapping Conference & Workshop, was held October 24-25, 2005 at the beautiful Casa Monica Hotel in St. Augustine. Even Hurricane Wilma couldn't keep our conference attendees away!

Monday we had our FACM annual meeting to discuss previous and past association business. Due to the visit from Hurricane Wilma we had to change our President's Reception, originally scheduled poolside, to an inside room but we still had a great time with a lot of networking. We then proceeded to our Annual Awards Banquet and installation of our new officers at 7:00 PM.

The newly elected Executive Board for 2005-2006 is:

**President - Cheryl Gerwig**  
**President-elect- RoseMary Baumann**  
**Treasurer – Wayne Costin**  
**Secretary – Chuck Holden**  
**Immediate Past President – Kay Gargis**  
**Directors: Michael Wentworth, John Bausola and Catherine Nelson.**  
**Education Chair: Kay Gargis Designations Chair - Jeffrey Maasch**

The award winners for the 2005 year were also announced at the banquet. They were as follows:

### **Cadastralist of the Year:**

Carol Walker  
Polk County Property Appraiser's office

### **Outstanding Achievement Award:**

The Orange County Property Appraiser's Cadastral Mappers, Contract Mappers, and GIS Team

### **President's Award:**

Ellen Edwards  
Polk County Property Appraiser's office

We were honored to have the **Honorable Bill Donegan**, Orange County Property Appraiser,

in attendance at our banquet. He gave a great speech on the commitment of his mapping team and the Orange County re-engineering project which led to their award.

Tuesday morning we had a full day session on "Florida Laws Seminar On Sovereignty Lands" given by Terry Wilkinson and Rod Maddox of the Bureau of Survey and Mapping, Division of State Lands, Department of Environmental Protection.

Terry Wilkinson is a professional surveyor and Bureau Chief of Surveying and Mapping, Division of State Lands, Department of Environmental Protection. He is the State Cadastral Surveyor and responsible for title determinations and boundaries of state owned uplands, tide lands and lakes and rivers. He has represented the state in fifteen court cases as an expert witness in the areas of water boundary determinations and lake and river ownership issues.

Rod Maddox is a professional surveyor and is currently supervisor of the Title and Land Records Section and the Land Management Survey Section at the Bureau of Survey and Mapping, Division of State Lands, Department of Environmental Protection. He has extensive experience in sovereignty land ownership research and water boundary issues.

They covered the doctrines, acts and statute law including the Swamp and Overflowed Lands Act of 1850 and the Florida Coastal Mapping Act of 1974. They also covered case law on Tide Lands, Mean High Water Line, non-tidal navigable waters and the ordinary high water line boundary on non-tidal rivers and lakes.

All conference attendees left with a book of information provided by Department of Environmental Protection which should give everyone a lot of information to refer to when faced with a problem regarding any water boundaries.

## **Congratulations to Our New CCM & CCF Designees**

### **2005 CCF Designation Recipients**

John Benton	Duval County
Jim Lima	Duval County
Renee Perry	Duval County
Dianna Earnest	Manatee County
Lizette Peterson	Manatee County
Regina Smith	Manatee County
Fred Guilford	Polk County
Teresa Warren	Polk County
Chris Cromer	Volusia County

### **2005 CCM Designation Recipient**

Corey Mathis	Lake County
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## **Orange County Completes Parcel Reengineering Project**

The Orange County Property Appraiser's Office recently completed its Base Map Reengineering Project. The following provides a glimpse into how the project was accomplished.

In 1999, the Orange County Property Appraiser's office entered into a partnership with the Orange County BCC for what became known as the "Base Map Reengineering Project".

Slated for 7.2 million dollars over six years, the project had five objectives:

- Section Corner Recovery & Preservation
- Acquisition of Digital Imagery & Planimetric data
- Reengineering of parcel base map to a higher mapping accuracy
- Eliminate duplication of effort between agencies

- Create a partnership to share GIS data, services, skills

In March, 2000, the PA's office began hiring and training of eight (8) contract cadastral mappers and two (2) surveyors (PLS). The PA's staff published a new set of mapping guidelines and procedures in what became known as "The Mapping Bible" and the GIS team began creation of a GUI interfaced parcel creation application, called "Genesis", utilizing ARC cogo tools.

In May, 2000, the Base Map Reengineering began in the Northwest portion of Orange County where highly accurate x, y & z GPS coordinates had already been captured on many Section and Quarter Section Corner CCM's by the County Surveyor. As well, the PA's office had issued an RFP and contracted with a highly qualified survey firm to begin the Section Corner Recovery & Preservation for the remainder of the county.

Coordinate data from the survey firm, one Township at a time, was delivered to the County Surveyor for final QC and then to the PA's office for the construction of the Geodetic & Control GIS coverage. Next, working from previously researched right of way maps and recorded plats, the PA's contract surveyors began construction of the Right of Way and Subdivision coverage for each section with the Township. Contract mappers then began compiling all other coverages such as Historic Sub, Lot & Block, Historic Lot & Block, Parcel, Misc, Construct, Adjust, Street, and all associated annotation and text data. In all, 17 coverages with multiple sub-classes and extensive attribute data were created.

As the contract mappers completed the creation of the layers, each section began an extensive QC review process. The GIS team created automated QC routines that performed data validation checks. Each

section was validated using several Arc Macro Language (AML) scripts. The scripts were run against each of the coverages in each section. The scripts were used to validate certain characteristics of the coverages. For instance, every polygon in the parcels coverage should have a parcel identification number (PIN). Each script returned a report used to correct the problems within the coverage being validated. The parcels coverage has over 20 such scripts run against it while the remaining coverages have 10 scripts or less run against them during the validation process. As well, the GIS Data Librarian performed a series of validation checks and was responsible for the identification of all non-contiguous parcel assessments that needed to be split into individual PIN's. Next, a highly skilled cadastral mapper with the PA's staff would utilize ARC View to visualize, and scrutinize with an eagle eye, each newly reengineered coverage against existing map data looking for discrepancies that automated scripts could not find such as: missed lot splits, misplaced text, anno, or street names, standardization of abbreviated sub names and property names, and most importantly a review of contiguous parcels of same ownership to determine whether such parcels should be aggregated for assessment purposes. (Over 4,500 parcel splits, aggregations, or reconfigurations resulted from this review alone) The final QC signoff was delivered after a review from the Mapping Manager.

After QC, all errors were corrected by the contract mapper and validations were performed a second time. Even the corrections were reviewed by a PA mapper to ensure their correctness.

Finally, after a Township was completed, the GIS Data Librarian would tag all old

data features in the production database for deletion and replace them with all of the

reengineered features. Afterwards, "wrap-up" coordination meetings with every team member present were held to list, discuss, or resolve any issues that slowed, hindered, or prevented any portion of the project completion. These coordination meetings also afforded any individual team member an opportunity to present and expound upon an idea which may increase production.

In addition, all of this had to be coordinated with the annual tax roll calendar and with the daily work of the PA's cadastral mappers working new subs, parcel splits & combinations, and r/w takings within the same Township as the contract mappers, along with "deadlines for deliverables" promised to various municipalities and businesses that had partnered with the PA during the course of the project. This was no easy task in a county as dynamic as Orange. A project which began with 280,000 parcels, ended with 374,000 parcels (an average of 18,800 new parcels per year) and a total of 3,889 Survey Control Points.

A project of this magnitude cannot be accomplished without an incredible team in place. And, even though there were times when every member of the team wanted to choke another member, the overall phenomenal team effort brought the "Orange County Base Map Reengineering Project" to completion in exactly 5 years and well under budget. In addition, it has brought the taxpayers of Orange County, our project partners, and all of the users of our cadastral data, what is believed to be one of the finest, most accurate, and comprehensive cadastrals available nationwide.

### NOMINATION FOR FACM OFFICERS FOR 2005-2006

The below listed offices are open for nominations for the year 2005 through 2006. The nominee does not have to have a CCM, CCF or MCF designation. The only requirement is that they are a current member of FACM.

We are also looking for members interested in working on the below committees. If you are interested please check the line next to the committee and mail to Cheryl Gerwig or contact a member of the executive board.

**Nominations can be sent to Rosemary Baumann, c/o Citrus County Property Appraiser, 210 N. Apopka Avenue, Inverness, FL 34450, prior to July 10 of this year.** Ballots will be sent out later this year with the names of the nominees.

### FLORIDA ASSOCIATION OF CADASTRAL MAPPERS NOMINATIONS FOR YEAR 2006-2007

**President-elect:** \_\_\_\_\_ Phone# \_\_\_\_\_

**Secretary:** \_\_\_\_\_ Phone# \_\_\_\_\_

**Treasurer:** \_\_\_\_\_ Phone# \_\_\_\_\_

**Director:** \_\_\_\_\_ Phone# \_\_\_\_\_

(We have only one director's position opening up this year)

**Please check one of the below if interested and you will be contacted.**

**I am interested in obtaining more information in or becoming a member of the following committee(s):**

Organization/Modernization _____	Ways and Means _____
Membership/Outreach _____	Designation _____
Awards _____	Publications _____
Program/Conferences _____	Website _____

**Nominated by FACM Member: (please fill in below)**

Signed: \_\_\_\_\_

Print Name: \_\_\_\_\_

Day Phone #: \_\_\_\_\_

# CALL FOR PRESENTERS

## 2006 Florida GIS Mapping Conference

“Accessing Geo-Spatial Data”

ASPRS, FACM, FSMS & FLURISA

May 16-19, 2006  
Cape Canaveral  
Radisson at the Port

The Florida Region ASPRS, Florida Association of Cadastral Mappers, Florida Surveying and Mapping Society and the Florida Chapter of URISA are sponsoring the Florida GIS Mapping Conference

**On behalf of the FJMC, I would like to invite you to present an abstract to be considered for inclusion in this conference.**

The papers should relate to the framework of our conference theme  
“Accessing Geo-Spatial Data”

**If selected, speakers will have approximately one hour and 15 minutes plus Q&A to make their presentation. Distribution of papers to conference participants is at the presenters' option only and will not be the responsibility of the conference organizing committee. Presenters are required to pay for conference registration fee if they plan to attend the conference.**

Please submit your abstract to me at the following address on or before  
**January 30, 2006** for consideration:

Kay Gargis, CFE, MCF  
4489 Bowstring Court  
Titusville, FL 32796  
(321) 264-6909, FAX (321) 264-6983  
E-mail: [kay.gargis@brevardpropertyappraiser.com](mailto:kay.gargis@brevardpropertyappraiser.com)

The abstract should include a brief description of the speaker's experience and education, and a paragraph that summarizes the paper. Please describe the length of the presentation and whether or not the paper can be part of a panel discussion. The papers should be of a general educational nature, vendor sales presentations should not be submitted as a part of the educational conference.

**FLORIDA GIS AND MAPPING CONFERENCE**  
Radisson Resort at the Port

**May 16-19, 2006  
Registration Form**

Please complete this page and mail it along with your registration fees to:

**Mail to: Florida GIS and Mapping Conference  
c/o Florida URISA  
P. O. Box 931  
Clearwater, FL 33757-8931**

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Title: \_\_\_\_\_

Nickname: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Early Registration \$175 (Before 5/9/05) If you have dietary restrictions for the luncheon, this must be noted on your registration and received before 5/9/05 in order to accommodate your needs.	
Full Registration \$210 (After 5/9/05)	
Student Registration \$70**	
Extra Keynote Luncheon Ticket \$35 (Luncheon is Thursday 5/18/05. Extra tickets only available if ordered before 5/9/05)	
Extra Brevard County Planetarium Tickets \$35 (Tickets are for 5/17/05 PM & include refreshments. Extra tickets are only available if ordered before 5/9/05.) Check it out at <a href="http://www.brevardcc.edu/planet">www.brevardcc.edu/planet</a>	
<b>Please make checks payable to FLURISA:</b> Total Enclosed	\$

Hotel Reservations – call 1-800-333-3333 or go to [www.radisson.com/capecanaveralf](http://www.radisson.com/capecanaveralf) – mention the Florida GIS Mapping Conference to get special room rate of \$105 per night.

**There is no single day registration.**

**\*\*Full-time student registration, with valid school I.D. and proof of full-time enrollment, \$70.**

**Student registration includes one ticket for Thursday’s Keynote Speaker Luncheon.**

**CANCELLATION POLICY: Cancellation request must be received in writing fourteen (14) days prior to the first day of the conference for full refund. A \$75.00 cancellation fee will be retained on cancellations received less than fourteen (14) days prior to the first day of the conference.**

**FACM Nomination for Awards**

These awards are presented annually at the FACM Fall Conference. Nominations will be accepted from employers and peers, with the Awards Committee reviewing the applications and forwarding them to the Board. The nominations are presented to the Executive Board for their decision. The awards presentation is made at the FACM Annual Conference. **Cadastralist of the Year and Outstanding Achievement Award winners receive a complimentary registration to next year's conference in addition to a handsome plaque recognizing their achievement. Lifetime Achievement Award winners receive a life time FACM membership, a complimentary registration to next year's conference and a handsome plaque recognizing their achievement.**

Please keep in mind that the nominees for awards are not required to hold any mapping designations. The person making the nomination should write a brief statement why he/she feels the nominee merits the award. Cadastralist of the Year and Outstanding Achievement Awards nominations are for performance within the preceding calendar year, July 1, 2005 – June 30, 2006. **DEADLINE FOR NOMINATIONS IS September 1, 2006.**

**CADASTRALIST OF THE YEAR AWARD \_\_\_\_\_**

*Outstanding performance by a FACM member in the work area during a single project or event completed within the last calendar year as noted above.*

**OUTSTANDING ACHIEVEMENT AWARD \_\_\_\_\_**

*Distinction gained outside the association to further the mapping profession **OR** a person or group who has made a significant contribution to the association or to the mapping profession through their participation in FACM activities, goals and objectives. **The recipient need not be a member of FACM.***

**LIFETIME ACHIEVEMENT AWARD \_\_\_\_\_**

*Outstanding performance by any FACM member with 20 or more years of mapping related service who made a significant contribution to the development of high professional mapping standards, and who motivated and inspired their colleagues throughout their mapping career.*

**(Current FACM Executive Board members are eligible for these awards if the nomination comes from the general membership and not from another FACM Board member.)**

Name of Nominee: \_\_\_\_\_

Nominee's Employer: \_\_\_\_\_

Employer's Address: \_\_\_\_\_

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**I believe this person/these people should be nominated for the award indicated above for the following reasons:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (attach additional pages if needed)

Send to: Ellen Edwards, Awards Chair or Fax to Ellen Edwards at: 863-534-4764  
Polk Co. Property Appraiser's Office  
255 N. Wilson Ave  
Bartow, FL 33830

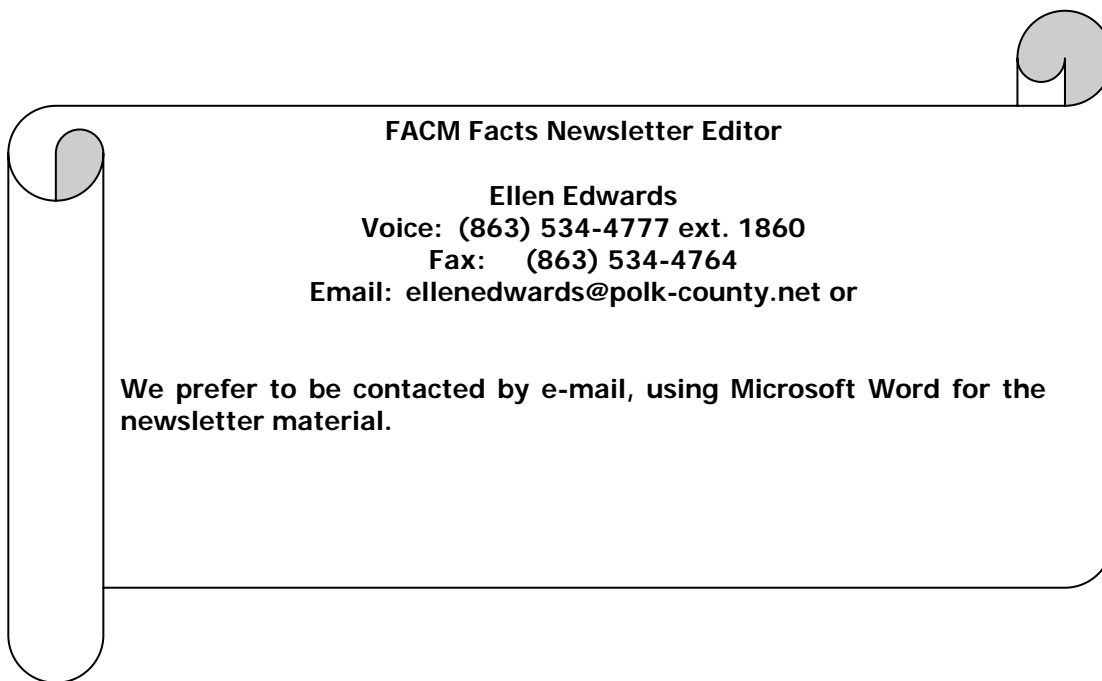
**2005-2006 FACM Executive Board**

<b>Office Held</b>	<b>Name</b>	<b>Phone</b>	<b>E-mail Address</b>
President	Cheryl Gerwig	954-357-6853	<a href="mailto:cagerwig@hotmail.com">cagerwig@hotmail.com</a>
President-elect	RoseMary Baumann	352-341-6616	<a href="mailto:rbaumann@mail.pa.citrus.fl.us">rbaumann@mail.pa.citrus.fl.us</a>
Immediate Past – President	Kay Gargis	321-264-6707	<a href="mailto:kay.gargis@brevardpropertyappraiser.com">kay.gargis@brevardpropertyappraiser.com</a>
Secretary	Chuck Holden	407-836-5001	<a href="mailto:cholden@ocpaf.org">cholden@ocpaf.org</a>
Treasurer	Corey Mathis	352-343-9775	<a href="mailto:cmathis@co.lake.fl.us">cmathis@co.lake.fl.us</a>
Director	John Bausola	772-462-1051	<a href="mailto:jbausola@county.st-luciecounty.fl.us">jbausola@county.st-luciecounty.fl.us</a>
Director	Catherine Nelson	386-736-5903	<a href="mailto:cnelson@co.volusia.fl.us">cnelson@co.volusia.fl.us</a>
Director	Mike Wentworth	321-264-6967	<a href="mailto:mike.wentworth@brevardpropertyappraiser.com">mike.wentworth@brevardpropertyappraiser.com</a>
Education Chair	Kay Gargis	321-264-6707	<a href="mailto:kay.gargis@brevardpropertyappraiser.com">kay.gargis@brevardpropertyappraiser.com</a>
Designations Chair	Jeffrey Maasch	772-567-8000 ext. 373	<a href="mailto:jmaasch@ircpa.org">jmaasch@ircpa.org</a>

**CALENDAR OF EVENTS FOR 2006**

<b>May 16-19, 2006</b>	2006 Joint GIS Mapping Conference – Radisson Resort at the Port – Cape Canaveral, FL
<b>May 1-5, 2006</b>	FACM Course 2, The Public Land Survey System The Plaza Resort, Daytona Beach, FL
<b>July 31-August 4, 2006</b>	FACM Course 3, Interpretation of Real Property Descriptions The Florida Mall Hotel, Orlando, FL

Registration forms for FACM and IAAO courses are linked on our FACM website under the “Events” page.



FACM NEWSLETTER ADVERTISEMENT RATES

AD TYPE	APPROXIMATE SIZE	FULL YEAR	PER ISSUE
Business card	2" x 3½"	\$ 25.00	N/A
1/4 Page	5" x 3¾"	\$75.00	\$50.00
1/2 Page	5" x 7½"	\$150.00	\$100.00
Full Page	8½" x 11"	\$300.00	\$200.00

Contact Ellen Edwards  
 for information about advertising in the *FACM FACTS*