Hello OFWIM,

If any of you are like me, and I suspect some (okay, maybe most) of you are, you know a good website, application, map, or presentation when you see one but you struggle to emulate a similar design style. Often it’s hard to nail down just what it is that makes the design work—is it the color scheme, the font, maybe the images, or their placement….and why can’t you do that? Well for the logical, analytical, left-brainers among us, when it comes to design concept, we often have right-brain envy. Never fear, it’s OFWIM to the rescue! Or another OFWIM-sponsored workshop, that is. Our left-brained conference planning committee has tracked down an excellent resource to teach us some design concepts and strategies that we can employ in our day-to-day activities. Diane Knudson from the National Conservation Training Center will be leading a training workshop entitled, “Communicate Visually!” on Thursday October 1st, the final day of this year’s OFWIM conference.

Happy summer!

Kristin Rogers
2015 OFWIM President

Course Description: A four-hour adventure in the land of visuals, where you will interact with graphic imagery using symbols, colored markers, and a few words but not many numbers. You and your fellow participants will flex your right-brains to express ideas. Participants will work alone and in small teams to:

- Design a concise symbol-based vocabulary to use in brainstorming ideas,
- Apply basic principles of graphic design to visual images you create,
- Turn numerical data into an infographic, and
- Use graphics or images instead of bullet points to tell stories in presentations.

I don’t know about you but this is completely out of my comfort zone and I am really looking forward to it. I think it will be an exciting opportunity to push myself to embrace my creative side and use that creativity to communicate information about the thousands of lines of data I manage on a daily basis. I can’t wait to see what this group produces, it should be a lot of fun. I look forward to seeing you all there!
OFWIM Conference 2015
Sunday, September 27 – Thursday, October 1, 2015
Colonial Williamsburg Foundation
Williamsburg, VA
www.ofwim.org

This year’s conference will be held near the heart of Colonial Williamsburg, a renowned living-history museum representing life in Colonial America. The beautiful historic district is full of quaint buildings, historic reenactments, and endless opportunities to enjoy the natural scenery. Along with the surrounding nearby attractions of Jamestown, Yorktown, Busch Gardens, and shopping, Colonial Williamsburg offers plenty to do during the off-time hours for you and the entire family! Williamsburg is located between Richmond and Norfolk on I-64. Conference attendees will have more than 200 daily flights from which to choose. There are three international airports, all within a 45-minute drive.

Several meals/snacks will be included with the registration fee:

- Hackers’ Ball - Dinner buffet will be provided
- Banquet - Dinner will be provided

For meals when you will be on your own, The Visitor Center (adjacent to the Woodlands) offers “grab-and-go” sandwiches and other light lunch items. Huzzah! BBQ Grille is located on the Woodlands’ grounds and is open from 5 pm to 9 pm daily. There are plenty of restaurant options a few miles away, including local favorites like The Cheese Shop (best sandwiches in town!), Food for Thought, Aromas, and The Blue Talon Bistro. A thorough list will be provided.

Williamsburg Woodlands
Hotel & Suites

Located in a serene pine grove, this venue boasts access to nature, comfortable and up-to-date meeting space, and close proximity to downtown Colonial Williamsburg. It is adjacent to the Colonial Williamsburg Visitor Center and just a short walk to the historic city. Guests can also take advantage of the free shuttle service to Colonial Williamsburg.

Rate: $83 + taxes per night
Note: Current tax rates are 11%

Amenities: Free WiFi, free continental breakfast, pool, new kid pool area, ironing board and iron, refrigerator, TV, coffeemaker, microwave, business center, free shuttle service to Colonial Williamsburg.
**OFWIM 23rd Annual Conference & Business Meeting**
*Williamsburg, VA*  Sep 27-Oct 1, 2015

**Agenda at a Glance**

**Sunday, Sept 27**
- 6:00 pm  ExComm Meeting & Social Gathering, location TBD
- 6:30 pm  Banquet / Social, DoG St. Pub

**Monday, Sept 28**
- 8:00 am – 10:00 am  Welcome and Keynote Address
- 10:15 am – Noon  Presentation Session I
- Noon – 1:30 pm  Student Luncheon or Lunch on your own
- 1:30 pm – 5:00 pm  Presentation Session II
- 6:00 pm  Hacker’s Ball (Poster and Technical Demonstrations)

**Tuesday, Sept 29**
- 8:00 am – Noon  Presentation Session III
- Noon – 2:30 pm  Lunch / Business Meeting
- 2:30 pm – 6:00 pm  Presentation Session IV
- 6:00 pm  Dinner on your own

**Wednesday, Sep 30**
- 10:00 am – 2:00 pm  Field Session I
  - Leave Williamsburg at 10 am for a harbor tour aboard *Miss Hampton II.* The tour will depart from the Historic Downtown Hampton Waterfront at 11 am. Experience historic sites from Colonial to Civil War to modern times (Norfolk Navy ships) and the natural history and scenic beauty of the Chesapeake Bay. Tour includes a box lunch and ends at 2 pm.  
  - [http://misshamptoncruises.com/harbor_tour](http://misshamptoncruises.com/harbor_tour)
- 3:00 pm – 5:00 pm  Field Session I, Continued
  - We will tour Jamestown Island, Colonial National Historical Park located on the James River. The site includes a marsh ecosystem, hardwood forests, a bald eagle nest site, and a diversity of other wildlife and habitats. Cost = $50.  
  - [http://www.nps.gov/jame/index.htm](http://www.nps.gov/jame/index.htm)

**Thursday, Oct 1**
- 8:00 am – Noon  “Communicate Visually!”
  - When did you last use a picture to convey an idea? Join us for a 4-hour workshop in which you’ll work alone and in small teams to 1) design a concise symbol-based vocabulary to use in brainstorming ideas, 2) apply basic principles of graphic design to visual images you create, 3) turn numeric data into an infographic, and 4) use graphics or images instead of bullet points to tell stories. The workshop will be presented by Diane Knudson of the National Conservation Training Center. She has a BFA in graphic design/creative writing and training in graphic facilitation. Diane teaches many in-person and online courses. The workshop is included in your meeting registration so take advantage of this opportunity to improve your visual communication skills.
- Noon—1:00 pm  Lunch on your own
- 1:00 pm  Field Session II
  - We will tour our VDGIF’s Chickahominy Wildlife Management Area (in nearby Charles City County). This property is set along the beautiful Chickahominy River, a tributary to the James River, and Morris Creek. We’ll explore river shore/riparian areas with bald cypress, mixed hardwoods, pine wood, wetlands, and some open fields. This time of year should provide good opportunities to view avian fall migrants. As well, we will see fish out of Morris Creek. This site was also used as the setting for parts of the 2005 film, The New World.  
OFWIM 23rd Annual Conference & Business Meeting  
Williamsburg, VA Sep 27-Oct 1, 2015  
First Call for Papers

Turning Data Into Knowledge: Collecting Data to Implement Conservation

Sessions
- Emerging Technologies and Tools for Information Management
- Citizen Science and Crowdsourcing
- Mobile Application Development
- Remote/Automated Data Collection Devices and Data Processing
- GIS Tools & Mapping
- Data-Driven Natural Resource Management Efforts
- Student Research
- General Session

This call is for papers, posters, and panel discussions related to the conference theme or to managing fish and wildlife data in general.

Submission Deadline: Fri, July 10 2015. If space remains, the deadline will be extended.

Presentations will be 15 minutes followed by 5 minutes for questions and discussion. For panel discussion ideas, please contact Keith Hurley (402-471-5589, keith.hurley@nebraska.gov). Submit a poster for the “Hacker’s Ball,” an OFWIM tradition that combines the poster session with live technical demonstrations. As in previous years, a limited number of remote-access seats will be available for both presenters and viewers who cannot travel to Williamsburg.

For help with travel expenses, consider applying for a $500 OFWIM conference travel grant (see below).

Submit abstracts online at:
www.regonline.com/ofwim15abstract

2015 Conference Travel Grants Available!

APPLY ONLINE — https://www.surveymonkey.com/s/OFWIM_TravelGrant2015

Travel grants assist current or retired professionals in attending the OFWIM Conference and Annual Meeting. Only a limited number of travel grants will be awarded.

CRITERIA:
Grants are awarded based on need. If more applications are received than can be funded, under-representation by states in previous OFWIM meetings and equitable regional representation will be used as secondary criteria. OFWIM membership is not required.

Recipients of an OFWIM travel grant in 2014 are not eligible for an OFWIM 2015 travel grant.

Grant recipients must present a paper/poster at the 2015 OFWIM Conference and Annual Meeting.

APPLICATION PROCEDURE:
Complete the Travel Grant application on the next page (or download from www.ofwim.org or the link above).

Completed applications must be received by Julie Prior-Magee (jpmagee@usgs.gov, 575-557-1566) on or before the deadline—July 10, 2015.

GRANT DETAILS:
Grant recipients will be notified by email by July 17.

OFWIM will reimburse each grant recipient conference-related expenses (up to $500), provided that expenses are reasonable. Expenses eligible for reimbursement include: registration fees, airfare, transportation, lodging, meals and incidental expenses. Alternately, recipients may choose to have OFWIM credit the award toward registration and hotel expenses incurred at the meeting. Field trip costs will not be reimbursed.

Each award recipient is responsible for making his/her own travel arrangements and securing all reservations with a personal credit card.

Each award recipient will provide copies of expense receipts to the OFWIM Treasurer after the conference has concluded and prior to receiving reimbursement.
## 2015 OFWIM Conference Travel Grant Application Form

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<td>Lodging</td>
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*Please scan and email this form by July 10, 2015 to:*

Julie Prior-Magee: jpmagee@usgs.gov, (575) 557-1566

Questions regarding the grant application process should be directed to Julie Prior-Magee. Applications can also be made online at https://www.surveymonkey.com/s/OFWIM_TravelGrant2015 or an electronic version of the form can be downloaded from www.ofwim.org.

**Grant Recipients will be chosen and contacted by email by July 17, 2015.**
REGISTRATION—Opens June 29!
Registration will include the following meals:
- Monday—Dinner (Hacker’s Ball)
- Tuesday—Lunch (Business Meeting)
- Tuesday—Dinner (Conference Banquet)
Includes the “Communicate Visually!” workshop
Does not include field sessions (small fee)
Registration fees will be:
- Early member (by 08/31): $400.00
- Early non-member (by 08/31): $480.00
- Regular member (after 08/31): $450.00
- Regular non-member (after 08/31): $550.00
- Student Registration: $200.00
- Retired Professional Registration: $200.00
- One day registration: $200.00
- Remote access registration (limit of 19): $100.00

LODGING
Woodland Hotel and Suites (715) 229-1000
$83 + fees/taxes (booking code 34653, “OFWIM”)

INFOGRAPHIC CONTEST!
NEW THIS YEAR! The hopefully-annual OFWIM Infographic Contest will be making its debut in 2015 and will allow members to hone their visual communication skills. During early August, meeting registrants will be sent a published study in the natural resource arena and encouraged to submit an original infographic that communicates what they feel is an important message or result from the findings. Infographics will be displayed at the Hacker’s Ball and a Best Infographic Award for the 2015 OFWIM Annual Meeting will be awarded based on a popular vote. Join us as we flex our right-brain creativity skills and expand our abilities to communicate the great work that we do.

TRANSPORTATION
Newport News/Williamsburg International Airport (PHF)
18 mi (25 min) from Woodlands
Cabs, car rental: www.flyphf.com/content/index.php/ground-transport.html
Richmond International Airport (RIC)
45 mi (50 min) from Woodlands
Cabs, car rental: www.flyrichmond.com/index.php/ground-transportation
Shuttle: http://virginiaairlink.com/shuttle/
Norfolk International Airport (ORF)
45 mi (45 min) from Woodlands
*Traffic through the Hampton Roads Bridge Tunnel can be heavy 7-9 am and 4-7 pm
Cabs, car rental, shuttles: www.norfolkairport.com/rental-car-information
Airport Taxi
Approximate rates (www.taxifarefinder.com)
RIC – Woodlands: $113 one way
PHF – Woodlands: $49
ORF – Woodlands: $109

Williamsburg Taxi
Colonial Capital Cabs – 757-345-2224
Historic Taxi Service – 757-258-7755
Williamsburg Taxi Service – 757-221-0004
The Woodlands Hotel Complimentary Shuttle – runs to the historic area (check hotel desk for hours)
Williamsburg Area Transit Authority (public bus transportation: http://gowata.org/
OFWIM 23rd Annual Conference & Business Meeting
Williamsburg, VA Sep 27-Oct 1, 2015

Food & Fun

All within ~20 min walk unless otherwise noted (take the Woodlands Hotel complimentary shuttle!)

The Cheese Shop – This local favorite has the best sandwiches in town! Get the house dressing and check out the store and wine cellar (downstairs). Eat on premises at the Fat Canary bar (the adjoining restaurant) or on the outside patio. 410 Duke of Gloucester St.

Aromas – A fabulous coffee shop that serves an assortment of food, desserts, coffee and tea. Good for a snack or a meal. 431 Prince George St.

The Blue Talon Bistro – Another local favorite that serves breakfast, lunch and dinner. This is a sit-down restaurant, but you can also pop in for a to-go cup of delicious coffee or a muffin between the hours of 8:00-11:00am. 420 Prince George St.

The DoG Street Pub – We will be hosting our banquet at this establishment, but feel free to eat here again! Just so you know, the locals call Duke of Gloucester “DoG Street” for short, hence the name of this eatery. A little pricey but good food and GREAT drink selection. Open for lunch and dinner. Make a reservation if you can (757-293-6478) – this is a popular spot! Located behind the pub is the Hair of the Dog Bottle Shop which offers free tastings, drinks and food. 401 Duke of Gloucester St.

Food For Thought – Located on nearby Richmond Rd., which is known for having millions of mediocre restaurants, but this establishment does not fall into that category. Open for lunch and dinner. It is popular with the locals and great for families so there may be a wait. They do not take reservations but you can call to ask about priority seating (757-645-4665). You will need a car or taxi to get there, but check out all of the touristy places on Richmond Rd. while you are at it. 1647 Richmond Rd.

Sno-To-Go – Awesome sno cone stand with a zillion flavors! Make sure to try a “stuffed” sno cone. This local spot requires a vehicle to get to. Original location: 2229 Richmond Rd # 2, Williamsburg, VA. Premium Outlet Location: 5715 Richmond Rd.

AleWerks Brewing Company - One of the best in Virginia! Tastings, pints, growler fills, bottles, and gifts all week. Tours Mon through Sat. www.alewerks.com

Capital Trail - Paved bicycle trail from Jamestown/Williamsburg to Richmond. Should be completed for a bike race the week before our conference! www.virginiacapitaltrail.org

Colonial Williamsburg - A recreation/living history museum of Revolutionary-era Williamsburg. Visit the Governor's Palace, take a horse & carriage ride, and get your picture taken in the stocks! Check the Woodlands desk for discount coupons. www.colonialwilliamsburg.com

Jamestown Settlement and Yorktown Battlefield - Check out America's first permanent English colony, or the battlefield where allied American and French forces won the decisive battle of the American Revolution in 1781. www.historyisfun.org

The College of William & Mary – Tribe turf is just a few paces away! A beautiful campus to explore. The historic portion (the Wren building, open for tours) from the top of Duke of Gloucester St. Can you find the Crim Dell Bridge and the Sunken Gardens?

Yankee Candle Factory – This massive factory store is fun for kids and adults. 2200 Richmond Rd.

The Williamsburg Premium Outlets – Head here if you love to shop! 5715 Richmond Rd.

Great Wolf Lodge – Indoor water park and hotel www.greatwolf.com/Williamsburg/waterpark

Williamsburg Winery – Tours and tastings www.williamsburgwinery.com

Richmond – Less than 1 hour away. Lewis Ginter Botanical Gardens (www.lewispinter.org), Maymont Park (www.maymont.org), and Carytown (www.carytownrva.com)
PURPOSE:
The Organization of Fish and Wildlife Information Managers (OFWIM) Student Research Scholarship recognizes academic and professional excellence among students enrolled full-time in fisheries and wildlife-related curricula at an accredited college or university, with research or studies emphasizing wildlife information management and/or geographic information systems (GIS). This scholarship award supports student research as well as attendance at the OFWIM Conference and Annual meeting. To learn more about OFWIM, visit the web site (http://www.ofwim.org).

CRITERIA:
The Award will be made to one graduate student who is local to the conference and working towards a graduate program, such as a Graduate Certificate Program, Master’s degree or PhD. Membership in OFWIM is not required for eligibility.

The Elections, Nominations, and Awards Committee will award the scholarship based on the following criteria:

Quality of Applicant
♀ Academic background suitable for project
♀ Academic opportunities the student has engaged
♀ Motivation: sincere curiosity and interest in topic or research experience
♀ Faculty advisor’s assessment of the student’s performance and potential
♀ Has promise of future professional involvement and significant contribution toward the field of fish and wildlife-related information management or technology

Quality of Research Project
♀ Student’s level of participation in the research
♀ Student’s effort, commitment, and enthusiasm for the project
♀ Project contains significant elements of advancement of fish and wildlife information management processes, or introduces new technology for such, or new uses of existing technology.
♀ Project may be part of an ongoing thesis/dissertation, but student must be able to demonstrate significant progress of the project during the year the scholarship is in effect, if awarded.

The award recipient must present a formal paper on the research project prospectus during the OFWIM 2015 Conference and Annual Meeting to be held in Williamsburg, Virginia, Sep 27 – Oct 1, 2015.

The recipient must also present a formal paper on the research project results or significant progress during the following year’s OFWIM 2016 Conference and Annual Meeting.

APPLICATION PROCEDURE:
♀ Any qualified student may apply for the scholarship by completing the Student Application Form, Part I (attached). The student’s faculty advisor must verify the accuracy of all information provided in Part I. In addition, the faculty advisor must complete and sign Part II of the application.
♀ The completed and signed application form (Parts I and II) must be received by the Committee Chair on or before the deadline – July 31, 2015.
♀ The scholarship will be available on an annual basis.

SCHOLARSHIP AWARD:
♀ The successful recipient of the scholarship will be eligible for a $1000 scholarship toward the research project, awarded as two $500 awards, the first to be presented at the 2015 Conference, and the second upon completion of the project at the 2016 Conference.
♀ In addition, the recipient will be awarded a waived registration fee for a 1-day conference registration the first year, and up to $1000 conference travel reimbursement to the full conference the second year.
The Organization of Fish and Wildlife Information Managers (OFWIM) Student Research Scholarship program recognizes academic and professional excellence among students enrolled in fisheries and wildlife-related curricula at an accredited college or university, with research or studies emphasizing wildlife information management and/or GIS.

Send either (1) one digital copy (Parts I and II) to:

Beth Stys, OFWIM Elections, Nominations, and Awards Committee
Florida Fish and Wildlife Conservation Commission
620 South Meridian Street
Tallahassee, FL 32399-1600
beth.stys@myfwc.com

For additional information, contact Beth Stys at the above e-mail address.

**APPLICATION DEADLINE:** July 31, 2015. (The recipient will be notified by August 31, 2015.)

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**Part I. To be completed by the applicant.**

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Part I, continued.

1. Describe your career goals and knowledge of information management and/or GIS as related to aquatic or wildlife-related sciences. Include any leadership qualities and professional activities you have had in your field of study (e.g., presentations, publications, memberships, symposia, awards, etc.), if applicable.

2. Provide the title and a brief abstract of the research paper you would present at the OFWIM Conferences, if selected for this scholarship.

3. Attach copy of transcript from your current institution of higher learning (does not have to be an official copy).

Applicant Signature: _____________________________ Date: _______________

Note: the information in Part I must be verified and signed by the Faculty Advisor:

Advisor Signature: _____________________________ Date: _______________
Part II. To be completed by the applicant's Faculty Advisor.

Applicant: ____________________________________________________________

Advisor: _____________________________________________________________

Advisor's Phone: ____________ Email: _________________________________

1. How long have you known the applicant?

2. What leadership traits has the applicant demonstrated in the aquatic–or wildlife-related sciences? Do you see future potential in this applicant with regard to participation in professional organizations such as OFWIM?

Advisor Signature:__________________________________________ Date:_____________
SQL stands for Standard Query Language. It is a relational database language standardized by the American National Standards Institute (ANSI) and adopted as an international standard by the International Organization for Standards (ISO). You can use SQL to directly interact with all modern relational databases, including FileMaker Pro, Hadoop, Microsoft Access, MySQL, Oracle and many more.

In fact, if you are using a graphical interface or wizard to query your data, then that software is writing the SQL statements for you. While you may have to make some adjustments when you move from one database system to another, once you know the SQL basics you can easily move among platforms.

One of the first-learned and most common queries in SQL is the SELECT statement. Writing a SQL query is like writing a sentence in English. Let’s give it a try! Suppose we have a simple table that contains all of our angler permits and we want to find all of the permits for crabbing. First we have to think like SQL and phrase our question as “select all permit ids where the permit type is CRAB.” The SQL statement will look like this:

```
SELECT permit_ID
FROM angler_permits
WHERE permit_type = 'CRAB'
```

Unlike Python, SQL is case insensitive and it ignores tabs and carriage returns (in this example, the statements are lined up so that it is easier to read).

You can use the basic syntax below with other SQL commands to perform queries that range from very simple to quite complex. For example, you can use * as a wildcard (SELECT * FROM…) to select all the columns without typing them out. The WHERE conditions can include <, >, =, !=, IN (values), NOT IN (values), BETWEEN value AND value, LIKE, and many more. SQL is a very powerful language that can be used to create complex queries and manage the data in your database.

```
SELECT (columns – separated by commas)
FROM (table)
WHERE (data conditions – separated with AND or OR)
```
Visual line-of-sight (VLOS) only; the unmanned aircraft must remain within VLOS of the operator or visual observer.

At all times the small unmanned aircraft must remain close enough to the operator for the operator to be capable of seeing the aircraft with vision unaided by any device other than corrective lenses.

May use visual observer (VO) but not required.

First-person view camera cannot satisfy “see-and-avoid” requirement but can be used as long as requirement is satisfied in other ways.

Comment (regarding the 4 points above):
Limiting UAS use to VLOS greatly reduces UASs as a viable tool for large-scale fish and wildlife surveys in remote areas. Surveys such as statewide roosting bird surveys, alligator nest counts, big horn sheep monitoring, and habitat mapping frequently occur in rugged terrain areas including swamps, marsh land, or steep hillsides that are best surveyed by aircraft. Wildlife and habitat surveys in these areas often require low, slow, circular flying, which can be high risk. Unmanned aircraft would alleviate this risk if rules were in place allowing operators to use onboard 360° cameras and remote video display to see and avoid other aircraft while operating outside the VLOS.

Proposed Solution: Special licensing to operate UASs outfitted with camera equipment capable of fulfilling the VLOS and see-and-avoid requirement through video equipment and real-time video transmission to the operator. Battery life distance limitations that ensure return to home requirements are met with sufficient fuel supply. Mandatory emergency override mechanisms including return to home, pre-programmed altitude reductions, and/or soft landing auto-shutoff. Authorizing non-VLOS flights on a case by case basis.

Small unmanned aircraft may not operate over any persons not directly involved in the operation.

Comment: Fish and wildlife professionals have an interest in using UASs to observe recreational activities. To effectively survey these activities UASs may need to be flown within 75 feet of individuals participating in recreational activities. Additionally UASs may inadvertently be flown over hunters, anglers, hikers, and campers in remote areas while conducting fish and wildlife surveys. Individuals participating in recreational activities in areas where UAS surveys are conducted may not be visible even when the UAV is within VLOS, we would like exemptions for unintentional flyovers to be included in the rule.

Proposed Solution: In areas where a UAS may be flown over a person, either intentionally or unintentionally, public notice of the planned survey activity could be issued in advance of the survey.

Daylight-only operations (official sunrise to official sunset, local time).

Comment: Limiting UAS operation to daylight-only operations removes UASs as potential tools for monitoring nocturnal species. Fish and wildlife professionals could survey for nocturnal species, which can be detected via night vision or thermal technology incorporated in UAS devices, if UASs were allowed to be operated during twilight and nighttime hours. Non-daylight operation may also be essential for emergency/disaster response.

Proposed Solution: Special UAS operator licensing that allows for nighttime operation of UASs outfitted with camera equipment capable of fulfilling the see-and-avoid requirement.
avoid requirement through video equipment and real-time video transmission to the operator. Battery life distance limitations that ensure return to home requirements are met with sufficient fuel supply. Mandatory emergency override mechanisms including return to home, pre-programmed altitude reductions, and/or soft landing auto-shutoff. Authorizing non-VLOS flights on a case by case basis.

- Minimum weather visibility of 3 miles from control station.

Comment: In the event of man-made or natural disaster (e.g. flood, fire, volcanic eruption, earthquake, or chemical spills) UAS flights in conditions with less than 3 miles of the visibility could be integral in protecting human life and natural resource welfare. Ash, smoke, and fog could all limit visibility in disaster areas. Limiting UAS use in these conditions could lead to increased loss of life and resources that would have been preventable through emergency response guided by UAS technology.

**Proposed Solution:** Disaster response exemption to the 3 mile visibility, VLOS, and Daylight-only operation rules based on operator certification and UAS onboard live-feed camera system allowing for remote operator “see-and-avoid” response. Mandatory emergency override avoidance technology onboard UASs.

Submitted 4/23/2015 to www.regulations.gov by Kristin Rogers, OFWIM President

Help spread the word about OFWIM by taking our poster to a conference, training, or meeting you’re planning to attend. Just contact the Communications, Membership & Outreach Committee for help.
OFWIM Member Profile

Julie Prior-Magee

How did you get started in OFWIM?

My first OFWIM meeting was in 2002 – the National Fish and Wildlife Data Summit in Baltimore. I was starting to be involved in data/information management type projects in the U.S. Geological Survey and our program found many possible areas of collaboration with OFWIM. From that point on I have been a member of OFWIM. I still see some of the same people at OFWIM meetings now that I met so many years ago.

What roles/positions have you held in OFWIM?

I have served on the Conference Planning Committee for many years. It has been an especially great way to make an impact (in a small way) on what happens yearly with OFWIM.

I have also served on the Communications, Membership and Outreach (CMO) Committee for several years. Communication is so important to keeping our widely dispersed membership up-to-date on what’s happening with OFWIM – whether it’s the OFWIM Newsletter, the OFWIM web site, social media sites, or simply regular e-mail communications. In this committee I have served as Travel Grant Manager since 2010. I want to remind everyone of this great opportunity to have OFWIM help pay your way to the meeting. For more information see: http://www.ofwim.org/?p=607 We have a very simple application process. Please feel free to contact me with questions.

I served as Treasurer from 2010 to 2012 and this was my perfect way to contribute to OFWIM. I love bookkeeping, accounting, and keeping track of money. I have served as Treasurer in other organizations as well. When I retire can I come back and be Treasurer again?

That probably can be arranged. Which OFWIM conference has been your favorite?

I don’t think I can say I have just one favorite. I did especially like the Seattle meeting – super field trip! The meeting in New Mexico in 2008 was also a favorite since it was an opportunity to share the Land of Enchantment (my home) with the members of OFWIM.

Tell us about your work.

I work with the U.S. Geological Survey in the Core Science Systems Mission Area. The program I work with, Core Science Analytics, Synthesis, & Libraries (C S A S & L): http://www.usgs.gov/core_science_systems/csas/ includes areas such as: the Gap Analysis Program (GAP); Biodiversity Information Serving our Nation (BISON); the Ocean Biogeographic Information System USA (OBIS-USA); and support in developing and maintaining the National Fish Habitat Partnership Data System. In addition, the program is involved in several data management and applied research computing activities that support USGS research scientists. My work is currently focused on the

(Continued on page 16)
OFWIM Member Profile

(OFWIM Member Profile—Julie Prior-Magee, Continued from page 15)

Gap Analysis Program and with broader data management and strategic planning activities for CSAS&L. The obvious overlap between what I do with USGS and OFWIM is in the area of data/information management standards, policies, and best practices.

What do you think the future holds for OFWIM and the types of work that OFWIM members do?

I think one of the benefits of OFWIM is its small size and the ability to really connect with other members on various levels. Going to an OFWIM meeting is not like going to a really large conference where you get lost in the crowd – with too many different concurrent sessions to choose from. But I do think there is room for growth. In particular I think that continuing to reach out to include students and professionals from other areas (federal, Universities, and private) would expand our thinking. Many of our meeting themes focus on collaboration, partnerships, leveraging resources and knowledge. The more diversity we bring into the organization the stronger those partnerships and collaborations will be. One of the best ways to bring in new people is to introduce them to OFWIM by attending a meeting. So we need to continue to get the word out and make it easier to attend. Did I mention we have travel grants 😊 To learn how to apply go to: http://www.ofwim.org/?p=607.

ANNOUNCING THE 3RD ANNUAL OFWIM INNOVATION AWARD!

The Organization of Fish and Wildlife Information Managers invites individuals and conservation agencies/organizations to apply for our OFWIM Innovation Award, which recognizes excellence in the advancement of fish and wildlife information management technology or processes. Nominated projects/applications will be evaluated for their technical accomplishment, innovation, success in meeting their stated goals, and/or success in developing and sustaining partnership. Eligibility for this award is open. Nominees may be individuals or agencies/organizations, but the nominee must have retained creative control over any website or technical application. The form may be used to nominate the submitter’s work or that of others.

The winning individual or organization will receive a 1-year free membership to OFWIM, as well as recognition at the 2015 OFWIM conference in Virginia, and on the OFWIM website. To obtain an application form, please visit the OFWIM website: www.ofwim.org.

For additional information, please contact Kristin Rogers at (352) 301-4590, or email: kristin.rogers@myfwc.com.
OFWIM NEWS

OFWIM 2014-15 MEMBERS

Alabama Natural Heritage Program:
Michael Barbour

Atlantic Coastal Cooperative Statistics Program:
Julie Defilippi

Arizona Game & Fish Department:
Jami Kuzek
Julie Mikolajczyk
Ryan Nosek
Frances Peck
Sabra Tonn

Canadian Wildlife Service:
Eric Woodworth

Colorado Division of Wildlife:
Don Schrupp (retired)

Colorado Parks & Wildlife:
Andrew Treble

Florida Fish & Wildlife Conservation Commission:
Kristin Rogers, Beth Stys,
Jamie Pfadt

Georgia Department of Natural Resources:
Melanie Riley

Maine Department of Inland Fisheries & Wildlife:
Jason Czapiga, Amy Meehan, Don Katnik, MaryEllen Wickett

Missouri Department of Conservation: Tim Bixler, Dorothy Butler, Chris Cloyd, Douglas Fees, Julie Fleming, Joe Kirby, Kevin Lanahan, Philip Marley, Mark Roberts, Joel Sartwell, Craig Scroggins, Tony Spicci, Chris Wieberg

Montana Mapping & GPS LLC:
Craig Koller

Nebraska Game & Parks Commission:
Keith Hurley

New Mexico Game & Fish:
Chuck Hayes

Pacific States Marine Fisheries Commission:
Stan Allen, Michael Banach, Robin Carlson, Anne Elston, Van Hare, Brett Holycross, Bill Kinney, Sharon Powers, Kiira Siitari, Chris Wheaton, Greg Wilke, Karen Wilson

Southern Environmental Law Center:
Shannon Chapin Groff

Texas Parks & Wildlife Department
Dyanne Cortez, Danny Lewis, Jon Purvis, Jimmy White (no longer at TPWD)

The Black Pearl:
Captain Jack Sparrow

U.S. Fish & Wildlife Service:
Tim Smith

U.S. Geological Survey:
Jennifer Bayer, Jennifer Carlino, Julie Prior-Magee, Annie Simpson, Lisa Zolly

Virginia Department of Game & Inland Fisheries:
Amy Ewing, Karen Horodysky, Deepthi Janga, Blair Jones, Jay Kapalczynski, Ed Laube, Brian Moyer, Lenee Pennington, Justin Ray (no longer at VDGIF), Jesse Suders, Susan Watson, Jim Husband
### OFWIM Officers

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<thead>
<tr>
<th>Role</th>
<th>Name</th>
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<tbody>
<tr>
<td>President</td>
<td>Kristin Rogers</td>
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<tr>
<td>President Elect</td>
<td>Keith Hurley</td>
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<tr>
<td>Secretary</td>
<td>Jeanette Jones</td>
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<td>Treasurer</td>
<td>Jay Kapalczynski</td>
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<tr>
<td>Member-At-Large</td>
<td>Amy Ewing</td>
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<td>Past President</td>
<td>Jim Husband</td>
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### OFWIM Committees

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<thead>
<tr>
<th>Committee</th>
<th>Chair</th>
<th>Members</th>
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<tbody>
<tr>
<td>Communications, Membership &amp; Outreach</td>
<td>Julie Defilippi</td>
<td>Dyanne Cortez, Jeanette Jones, Don Katnik, Danny Lewis, Julie Prior-Magee, MaryEllen Wickett</td>
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<tr>
<td>Training &amp; Education</td>
<td>Michael Barbour</td>
<td>Amy Ewing, Jay Kapalczynski, Julie Mikołajczyk, Don Schrupp, Danny Lewis</td>
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<tr>
<td>Data Standards &amp; Technology Trends</td>
<td>Philip Marley</td>
<td>Michael Barbour, Julie Defilippi, Amy Ewing, Jacque Schei, Tim Smith, Eric Woodsworth</td>
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<tr>
<td>Elections, Nominations, &amp; Awards</td>
<td>Jim Husband</td>
<td>Danny Lewis, Kristin Rogers, Beth Stys, Sabra Tonn, Jeanette Jones</td>
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<td>Newsletter Editor</td>
<td>Don Katnik</td>
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<tr>
<td>Conference Planning</td>
<td>Keith Hurley</td>
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**Individual contact information is available in the Member Profiles Section at ofwim.groupsite.com**