

Upper Missouri River Reservoirs Fisheries Management Plan (UMRRFMP)
Citizens Advisory Committee
Application Form

Applications must be received no later than March 3, 2022.

Mail or Email:

Montana Fish, Wildlife & Parks, Helena Area Resource Office
UMRRFMP CAC
930 Custer Ave. W.
Helena, MT 59620
fwpfishcomments@mt.gov

Please Print

Name Lance Kresge
Address 682 Arrow Trail
City Bozeman State MT Zip 59718
Phone (Day) 406-439-5261 (Evening or Cell) 406-439-5261
E-mail lancekresge@gmail.com

Residency Status (check one): Resident of Montana Nonresident

Please address each of the following questions. If you need additional space attach a separate paper. Incomplete or misleading information may result in not being chosen for the committee or removal from the committee. FWP may require an interview and/or a background check as part of the application process.

1. Please list your reasons for wanting to be a member of the UMRRFMP CAC:

I was a part of the working group that developed the current Upper Missouri Management Plan. I have worked with most of the current members already. I would like to be the replacement for Jim Gillespie because I would be able to represent the same group of people as he did and keep a balanced perspective in the CAC.

I have worked with the FWP (Adam, Eric, Jason, Troy, and Eileen) over the past few years in what I believe to be a positive way that has helped with the new management plan.

2. Can you to commit to attending at least one CAC meeting in 2022?

- Yes
- No

3. Please indicate your availability to attend meetings and circle your preference:

- Weekdays
- Weekends
- Evenings
- Daytime

4. Have you participated as a member of an advisory committee tasked with developing recommendations for recreation or resource management? Please list examples:

I was a part of the working group that developed the current upper Missouri management plan.

5. Please check ALL categories that apply to you. CIRCLE the ONE you most identify with.

- Unaffiliated warmwater anglers
- Unaffiliated coldwater anglers
- Organized warmwater angler groups
- Organized coldwater angler groups
- Ice-fishing anglers
- Conservation groups
- Kids' fishing
- Fishing-tournament organizer
- Landowner
- Outfitter
- Local government
- Local business
- Other interests: _____

If you would like to participate as a representative of an organized group, please indicate the name of that group here: Walleyes Unlimited

6. Please CHECK the waterbodies within the UMRRFMP you are familiar with. Circle the waterbodies you are MOST familiar with:

- Missouri River – Toston Dam to Canyon Ferry Reservoir
- Canyon Ferry Reservoir
- Hauser Reservoir
- Missouri River – Hauser Dam to Holter Reservoir
- Holter Reservoir

7. Do you have experience with advisory committee processes related fisheries or recreation issues? Can you collaborate in good faith working towards management recommendations that not only meet your personal interests but also the interests of other committee members and the public at large? Please give examples:

I believe I was a productive member of the Upper Missouri working group. I believe Adam and Eric can agree to that.

8. Use the space below to provide additional comments on why you would add value to the CAC:

I want to see the best management policies for all species of fish in the Upper Missouri and keep a scientific and common sense approach used.

FWP staff and a member of the commission may require an interview of potential candidates prior to selection.

Applicant Signature



Date

2-15-22

Please sign and date your application.

2. Can you to commit to attending at least one CAC meeting in 2022?

- Yes
- No

3. Please indicate your availability to attend meetings and circle your preference:

- Weekdays
- Weekends
- Evenings
- Daytime

I can make just about any time work

4. Have you participated as a member of an advisory committee tasked with developing recommendations for recreation or resource management? Please list examples:

see attached

5. Please check ALL categories that apply to you. CIRCLE the ONE you most identify with.

- Unaffiliated warmwater anglers
- Unaffiliated coldwater anglers
- Organized warmwater angler groups
- Organized coldwater angler groups
- Ice-fishing anglers
- Conservation groups
- Kids' fishing
- Fishing-tournament organizer
- Landowner
- Outfitter
- Local government
- Local business
- Other interests: _____

If you would like to participate as a representative of an organized group, please indicate the name of that group here: _____

6. Please CHECK the waterbodies within the UMRRFMP you are familiar with. Circle the waterbodies you are MOST familiar with:

- Missouri River – Toston Dam to Canyon Ferry Reservoir
- Canyon Ferry Reservoir
- Hauser Reservoir
- Missouri River – Hauser Dam to Holter Reservoir
- Holter Reservoir

7. Do you have experience with advisory committee processes related fisheries or recreation issues? Can you collaborate in good faith working towards management recommendations that not only meet your personal interests but also the interests of other committee members and the public at large? Please give examples:

see attached

8. Use the space below to provide additional comments on why you would add value to the CAC:

see attached

FWP staff and a member of the commission may require an interview of potential candidates prior to selection.

Applicant Signature *Mark of Trifle* Date *2/21/2022*

Please sign and date your application.

FWP Upper Missouri River Reservoirs Fisheries Management Plan (UMRRFMP)
Citizen Advisory Committee Application – Additional Information

Contact Information:

Mark Traxler
2695 Matyas Court
Helena, MT 59602
406-439-4924
griztrax@gmail.com

Question 1. Please list your reasons for wanting to be a member of the UMRRFMP CAC:

As a Helena resident for the last 30 years, I have developed a deep appreciation for the Upper Missouri River system and spend a significant amount of time annually fishing and recreating in this system with my family and friends. I care deeply about the fisheries resources in the Upper Missouri not only as an angler but as a professional biologist who is always looking at the health of the river system and ways to improve habitat quality, fish population health, and angler satisfaction. I felt honored in 2019 to be selected to a diverse Citizens Workgroup that worked diligently with FWP staff to revise and update the Upper Missouri River Fisheries Management Plan which was adopted in 2020. As FWP staff work to implement that plan, I would again appreciate the opportunity to serve on the CAC in an advisory role to FWP. I believe my experience gained while serving on the workgroup would be invaluable to the CAC and FWP moving forward.

Question 4. Have you participated as a member of an advisory committee tasked with developing recommendations for recreation or resource management? Please list examples:

As mentioned above, I served from 2019-2020 on a Citizens Advisory Workgroup working with FWP staff to update and revise the Upper Missouri River Fisheries Management Plan which was adopted in 2020.

In 2021 I was selected to serve on FWP's Region 4 Citizens Advisory Committee where my initial task was to work with other CAC members to advise FWP staff on proposed updated hunting regulations and boundary modifications. This is a 2-year assignment that will carry through to 2023.

Several years ago I served as chairperson for the Warren Community Park Steering Committee in Helena. This group collaborated to raise and allocate funds for the initial design and construction of the park as well as for its long-term maintenance. The steering committee was made up of several members from the public, city and county staff, and school district employees. We worked together to raise funds, secure in-kind donations, and get the park built for the enjoyment of all Helena residents.

Question 7. Do you have experience with advisory committee processes related fisheries or recreation issues? Can you collaborate in good faith working towards management recommendations that not only meet your personal interests but also the interests of other committee members and the public at large? Please give examples:

I have had the opportunity to work with many groups of people in the past on issues facing Montana's natural resources and I feel like the UMRRFMP citizen advisory committee is a natural fit for me, especially considering my involvement on the workgroup that assisted FWP in making updates to the Upper Missouri River Fisheries Management Plan. My temperament and demeanor allow me to always be respectful of others and their opinions which might differ from my own. I always strive to find compromise while advocating for what I believe in and listening closely to those who disagree with me. I have a tremendous amount of respect for Montana FWP staff and the difficult job that faces them daily. My background in the sciences often gives me a different perspective on various issues compared to others who might serve as a citizen advisor such as guides/outfitters, single-species advocates, or private landowners. I have learned as a Region 4 CAC member that it is my responsibility to listen to my constituents and be a voice for them in my role on the CAC whether I agree with them or not.

Question 8. Use the space below to provide additional comments on why you would add value to the CAC:

I have raised three boys in Helena and spent countless hours with them recreating within the Upper Missouri River system. As they grew up, I found myself on numerous school fishing trips and advocating for youth fishing opportunities which is something I feel strongly about and would bring to the CAC. I also have a broad network of friends, colleagues, and family that care deeply about the UMR and I want to be a voice for them on the CAC.

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fwpfishcomments@mt.gov

Please Print

Name Jim Muscat

Address 85 Cactus Lane

City/Town Townsend State MT Zip 59644

Phone (Day) 406-580-6138 (Evening or Cell) same

E-mail jimmuscat@gmail.com

Residency Status (check one): Resident of Montana Nonresident

Please address each of the following questions. If you need additional space attach a separate paper. Incomplete or misleading information may result in not being chosen for the committee or removal from the committee. FWP may require an interview and/or a background check as part of the application process.

1. Please list your reasons for wanting to be a member of the UMRRFMP CAC:

Fishing and exploring the waters of the Upper Missouri system including the Missouri River, Canyon Ferry, Hauser and Holter has been by far, mine and my family's recreational focus for over 40 years. We have owned property on Canyon Ferry for decades and now reside full time on the shores of Canyon ferry. I most definitely consider myself a long time "stakeholder" in the Fisheries management decisions of the upper Missouri system and a lucky beneficiary of the opportunity's they provide. Paying back and hoping to maintain and improve the quality in the future is definitely part of my motivation. Over that 40 period, I have made a lot of effort to try and be part of the management process and not just a complainer at a meeting. I have invested countless hours in the FWP fisheries thru public input, project volunteering, and comment processes and have acquired a deep respect for the complicity and challenge that the Department faces in trying to balance the fishery resources within the budget they have and the diverse group of stakeholders they serve.

With my long-time interest in the fisheries, I have considered throwing my hat in the ring to serve on this committee for many years, but with my work schedule, raising a family and the distance to the meetings in Helena while living in the Bozeman area it just wasn't practical. Now that I reside in the Townsend area and am on the verge of retirement and the family is grown, I feel I can do the position the justice it deserves.

2. Can you to commit to attending at least one CAC meeting in 2022?

Yes

No

3. Please indicate your availability to attend meetings and circle your preference:

prefer weekdays

Weekends

Evenings

Prefer daytime

4. Have you participated as a member of an advisory committee tasked with developing recommendations for recreation or resource management? Please list examples:

Yes, both in my personal and professional career. As the public works manager for the water system serving Big Sky Montana for 27 years managing and fairly distributing resources is an everyday occurrence.

In my private life I have served on the local school board as both a board member and chair. I have also served on the city's tourism resort tax board that was tasked with collecting, prioritizing and the distributing of millions of dollars in tourism revenue annually. I am very familiar with a cooperative advisory board environment and the protocol and necessary rules that make them successful...or not.

5. Please check ALL categories that apply to you. CIRCLE the ONE you most identify with.

Unaffiliated warmwater anglers

Unaffiliated coldwater anglers

Organized warmwater angler groups

Organized coldwater angler groups

Ice-fishing anglers

Conservation groups

Kids' fishing

Fishing-tournament organizer

Landowner

Outfitter

Local government

Local business

Other interests: Multi species fisherman

If you would like to participate as a representative of an organized group, please indicate the name of that group here: I am not currently a representative or officer but have been a member of Walleyes Unlimited in the past. It would not be accurate to say that I would be representing WU as I was not solicited by WU to pursue this position at all but I have been associated with the group in the past through tournaments and want to be clear on that.

6. Please CHECK the waterbodies within the UMRRFMP you are familiar with. Circle the waterbodies you are MOST familiar with:

Missouri River – Toston Dam to Canyon Ferry Reservoir Extremely familiar

Canyon Ferry Reservoir Extremely familiar

Hauser Reservoir - familiar

Missouri River – Hauser Dam to Holter Reservoir - familiar

Holter Reservoir very familiar

7. Do you have experience with advisory committee processes related fisheries or recreation issues? Can you collaborate in good faith working towards management recommendations that not only meet your personal interests but also the interests of other committee members and the public at large? Please give examples:

As stated above in question 4, I have a lot of experience working collaboratively with committees and boards while not always in agreement on the preferred destination. The ability to listen, to respect and to try and understand other positions is critical to effective collaborative work. Without it, little progress can be made, only noisy conversations and arguments.

8. Use the space below to provide additional comments on why you would add value to the CAC:

I am very familiar with and have been closely tied to the challenges and issues this committee focuses on for decades. I am also very very familiar with these bodies of water and feel I can get up to speed on the current issues quickly. However, I do not claim to be any kind of expert and in fact believe my biggest value that I could bring would be the ability to listen and learn.

FWP staff and a member of the commission may require an interview of potential candidates prior to selection.

Applicant Signature  Date 2/16/22

Please sign and date your application.



Upper Missouri River Reservoirs Fisheries Management Plan Citizens Advisory Committee

Application Packet

Thank you for your interest in serving on the Upper Missouri River Reservoirs Fisheries Management Plan Citizens Advisory Committee (CAC) and helping to provide information and input needed for FWP to make informed decisions for future management in the plan area. It is important that you review the application material before applying. **Applications must be received no later than 5PM March 3, 2022.**

General Information

The upper Missouri River reservoirs and associated river fisheries are some of the most heavily fished waters in Montana accounting for roughly 10 percent of the total annual statewide angling pressure. Because of the system's proximity to Bozeman, Great Falls, Butte, Missoula and Helena, recreational use of the reservoirs will continue to grow as the fisheries become even more integral to the quality of life for those who live and recreate in Lewis and Clark and Broadwater counties.

The Upper Missouri River Reservoirs Fisheries Management Plan (UMRRFMP) supports a common goal to “provide a cost-effective, quality multi-species fisheries by applying adaptive and responsive management strategies.” Annually, FWP will evaluate fisheries population trends throughout the plan area, consider potential management changes, and report potential management changes to the Fish and Wildlife Commission appointed CAC.

Information for Applicants

FWP will request and compile applications for the CAC on behalf of the commission. All applications will be provided to the commission. After reviewing applications, the commission may appoint one person to the CAC, or they may direct the department to solicit additional applications. Applicants should consider the following information before submitting an application to serve on the CAC.

Time Commitment

The CAC will meet at least annually for a 1-day meeting. Location of meetings will depend on availability of meeting rooms and travel distance for committee members. After selection of the committee, committee members may be provided with informational documents that will need to be reviewed prior to the annual meeting.

Travel Reimbursement

FWP will reimburse mileage and provide lunch for CAC members' travel to and from CAC meetings.

Participation

CAC members are expected to attend the annual meeting and CAC members may not be considered for reappointment if they miss meetings or are unprepared to participate. Exceptions will be allowed on a case-by-case basis.

Advisory Role

CAC members are expected to participate in an advisory capacity while acknowledging the value of each advisors' comments and viewpoints and will create discussion ground rules to encourage a climate of respect. CAC members agree to bring information into the process and likewise, to communicate to constituents about the process as it goes forward.

Composition of the CAC

The commission will appoint a 5-member CAC each year to function in an advisory capacity to FWP for fisheries management decisions throughout the plan area. The CAC will consist of no more than one advocate from 5 of the following stakeholder groups:

- Unaffiliated warmwater anglers
- Unaffiliated coldwater anglers
- Organized warmwater-angler groups
- Organized coldwater-angler groups
- Ice-fishing anglers
- Conservation groups
- Kids' fishing
- Fishing-tournament organizer
- Landowner
- Outfitter
- Local government
- Local business
- Other interests

The composition of the CAC is an important aspect of the process. The commission is seeking a diverse committee to advocate for the various stakeholder categories that are affected by fisheries management decisions throughout the UMRRFMP area. Advocates with the ability to represent more than one stakeholder category are desirable. **There is currently one open position on the CAC.**

Questions

Please call (406) 495-3263 or email fwpfishcomments@mt.gov if you have questions about the UMRRFMP CAC application process.

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or Email:**

Montana Fish, Wildlife & Parks, Helena Area Resource Office
UMRRFMP CAC
930 Custer Ave. W.
Helena, MT 59620 fwpfishcomments@mt.gov

Please Print

Name: Dr. Paul Ekness

Address: 14 North Delaware Street, Conrad Montana 59425

Phone (Day) 413-530-4284 (Evening or Cell) 413-530-4284

E-mail: pekness@yahoo.com

Residency Status (check one): Resident of Montana Nonresident

Please address each of the following questions. If you need additional space attach a separate paper. Incomplete or misleading information may result in not being chosen for the committee or removal from the committee. FWP may require an interview and/or a background check as part of the application process.

1. Please list your reasons for wanting to be a member of the UMRRFMP CAC:

I was born in Missoula and attended the college there receiving a B.S. in Wildlife Biology. While an undergrad I worked for the Montana Fish, Wildlife and Parks as a seasonal worker at Lewis and Clark Caverns, as a fish census taker at Intake for the Paddlefish season and I worked on a study of Sauger and walleye spawning areas on the lower Yellowstone River. All of these jobs gave me experience along and on riverine systems in the state. Most of my working career after undergrad was teaching various science courses at various schools. While teaching in Massachusetts I had an opportunity to get a Masters and then a Doctorate in natural resource policy with an emphasis in watershed management. I have been able to co-author a number of peer reviewed articles in science journals that deal with riparian habitat modeling and watershed related issues. I am retired now and wish to continue being involved with Montana's vast wealth of riverine systems and species diversity. I have done a number of float trips on the Missouri, Clark Fork, Bighorn, Yellowstone, Madison and Jefferson rivers. My education, work experience and float trips have given me a deep fondness, respect and nurturing feel for the various free flowing and riverine systems in

the state. I want to be involved with representing the various stakeholders that live within this state. I have family in the state who are cooks, small business owners, ranchers and farmers.

2. Can you to commit to attending at least one CAC meeting in 2022?

Yes

No

3. Please indicate your availability to attend meetings and circle your preference:

Anytime as long as I have some advance notice.

Weekdays

Weekends

Evenings

Daytime

4. Have you participated as a member of an advisory committee tasked with developing recommendations for recreation or resource management? Please list examples:

I was a member of the Wilbraham, Massachusetts Conservation committee that met monthly to determine wetland boundaries and issue or not issue permits for various activities that were requested within the town. We completed site visits became more aware of state and federal wetland legislation and worked with the community to educate and manage the lands owned by the town. During my three-year tenure with the commity we supervised a number of selective forest management programs.

5. Please check ALL categories that apply to you. CIRCLE the ONE you most identify with.

Unaffiliated warmwater anglers

Unaffiliated coldwater anglers

Organized warmwater angler groups

Organized coldwater angler groups

Ice-fishing anglers

Conservation groups

Kids' fishing

Fishing-tournament organizer

Landowner

Outfitter

Local government

Local business

Other interests: birder, hunter, scientist with riverine and species richness interests

If you would like to participate as a representative of an organized group, please indicate the name of that group here: Wildlife Conservation Society

Please **CHECK** the waterbodies within the UMRRFMP you are familiar with. Circle the waterbodies you are **MOST** familiar with:

Missouri River – Toston Dam to Canyon Ferry Reservoir

Canyon Ferry Reservoir

- X Hauser Reservoir
- Missouri River – Hauser Dam to Holter Reservoir
- X Holter Reservoir

6. Do you have experience with advisory committee processes related fisheries or recreation issues? Can you collaborate in good faith working towards management recommendations that not only meet your personal interests but also the interests of other committee members and the public at large? Please give examples:

I have demonstrated in a number of committees in my working career and as a Massachusetts Conservation committee member that I can listen to many viewpoints to make recommendations for management.

7. Use the space below to provide additional comments on why you would add value to the CAC:

I will include a copy of my resume for all members of the decision committee to evaluate how I may add value to the CAC. As I said before I have a good combination of education, work experience, family history and interest in assisting in the management of some of Montana's vast riverine resources.

FWP staff and a member of the commission may require an interview of potential candidates prior to selection.

Applicant Signature Paul Elvers Date: March 3, 2022

Please sign and date your application.

Dr. Paul Ekness

14 North Delaware, Conrad, MT 59425, pekness@yahoo.com 1-413-530-4284

OBJECTIVE:

EDUCATION:

PhD – 2013 University of Massachusetts, Amherst, MA in Department of Environmental Conservation. Dissertation: “Ecohydrologic Impacts of Climate and Land use changes on Watershed Systems: A multi-scale assessment and Policy.”

M.S. -- 2006 Department of Natural Resources Conservation, University of Massachusetts, Amherst, MA. Wildlife and Conservation: emphasis in Watershed Management
Thesis: “Assessment of Economic and Ecological Dimensions of Watershed Systems.”

B.S. – 1979. Bachelor of Science in Wildlife Biology University of Montana, Missoula, MT

EXPERIENCE:

Special Education and Science teacher for town of Shelby, MT – Sept. 2016 -August 2021

- Taught, supervised aides, wrote reports and led meetings for four years as the Junior High and High School Special Education Teacher. Taught Chemistry and Environmental Science for the last year. I was also assistant track coach for five years.

Conservation Commissioner Town of Wilbraham- October 2013 – 2016

- Oversee wetland building codes and make land management decisions for town properties. Oversaw forest cutting and wetland reclamation projects on town land.

Graduate Student and Teaching Assistant -- September 2002 – September 2013

- Teaching assistant for Watershed Science and Management, and Water Resources Management and Policy at the University of Massachusetts
- Managed department’s undergraduate and graduate student computer labs for two years.
- Guest lecturer for graduate level Watershed Management and Policy classes.

Science Teacher -- June 1991 – June 2016

Wilbraham & Monson Academy, Wilbraham, MA

- Teach and taught courses in AP Environmental Science, Earth Science, Chemistry, AP Biology, Ornithology, Geographic Information Systems (GIS) with ArcGIS 10.2, Genetics, Human Anatomy, and Physiology.
- Taught English as Second Language in Jaihui School, Dalian China summer of 2015.
- Developed Global EcoLearn Project™ and coauthored “Forest Stewardship Plan”
- Prepared Forest Viability & Enhancement Program Grant for campus sustainability.
- Supervised two forest cutting plans on WMA campus.
- Faculty advisor for Forest Stewardship Club.
- Chaired NEASC certification review committees: Boarding school life committee and Administration Review Committee.
- Lead student education trips to Montana and co-leader on international trip to Brazil.

EARLY CAREER:

Middle School Teacher --

- University School, Milwaukee, WI; Eagle Brook School, Deerfield, MA; and Rocky Boy School, MT. where I taught Algebra, Geometry, various Sciences, and coached.

Environmental Biologist, Wisconsin Department of Natural Resources

- Conducted site visits, issued wastewater discharge permits and wrote reports for the Wastewater Management division of Department of Natural Resources in Milwaukee.

Naturalist for Montana Department of Fish, Wildlife and Parks

- Provided historical and geological information to Lewis and Clark Cavern visitors.

Field Biologist for Montana Department of Fish, Wildlife and Parks

- Monitored paddlefish (*Polyodon spathula*) season, stocked fish, and determined success of previous fish stocking.
- Electro-fishing and tagging fish on the lower Yellowstone River and contributed to published report “Assessment and requirements of sauger (*Sander Canadensis*) and walleye populations in the lower Yellowstone River and its tributaries” (Compiled as team). Montana Dept. of Fish, Wildlife and Parks, 1992.

TRAINING:

Massachusetts Association of Conservation Commissioners’ conferences 2014, 2015

GIS: ESRI National Conference San Diego, 2011

Biology Teaching: AP Biology preparation course Los Angeles 2010

Riparian Ecology: Forest Service: Evaluation of Riparian Habitat, Lewistown Montana 2006

Outdoor education: Hands on outdoor learning experiences, Glacier National Park 1980

Montana Science Teacher certification Eastern Montana College 1980 -1981

LEADERSHIP AND SERVICE:

Conservation Commissioner for the town of Wilbraham

Head Varsity Track coach for Wilbraham and Monson Academy.

Head dormitory parent

Was a member of Soil and Water Conservation Society (SWCS)

Member of WMA Curriculum review committee

Student president of campus club as undergraduate.

Assisted Shivanchi Indians with cattle care and transfer of donated cattle. Brazil

PUBLICATIONS AND CONFERENCE PRESENTATIONS:

Ekness, P. and Randhir, T. accepted August 2015. "Effect of climate and landcover changes on watershed runoff: A multivariate assessment for stormwater management". **Journal of Geophysical Research – Biogeosciences.**

Randhir, T.,and P. Ekness. 2013. Water Quality change and habitat potential in riparian ecosystems. **Ecohydrology & Hydrobiology.**

Randhir, T.O, P. Ekness, O. Tsvetkova. 2012. Climatic change impacts on watershed hydrologic dynamics: A systems approach to adaptation. **Environmental Research Journal.** 6(3): 1-18.

Randhir, T.O., P. Ekness, and T. Stevens. 2011. Economic Value of Riparian Ecosystems: An Attribute-based Conjoint Analysis. **International Journal of Hydrology Science and Technology,** 1 (3/4): 176-190.

Randhir, T.O.; P. Ekness; and O. Tsvetkova. 2010. Chapter titled “Climatic Change Impacts on Hydrologic Dynamics of Watershed Systems”. **Nova Science Publishers, Inc.** New York.

Randhir, T.O., and P. Ekness, 2009. Urbanization effects on watershed habitat potential: A multivariate assessment of thresholds and interactions.” **Ecohydrology** 2(1): 88-101.DOI 10.1002/eco.43

Ekness, P. and T.O. Randhir, 2007. Effects of Riparian Areas, Stream Order, And Land Use Disturbance On Watershed-Scale Habitat Potential: An Ecohydrologic Approach To Policy. **Journal of the American Water Resources Association**. Vol. 43, No. 6 Dec.

FULL CONFERENCE PAPERS:

Ekness, P.; E. Marshall , D. Shriver and T.O. Randhir. 2003 Increasing Stream Health in Diverse Sections of an Urban River. **AWRA International Congress** on Watershed Management for Water Supply Systems. June 29 – July 2, New York.

PEER REVIEWED, SELECTED/ CONFERENCE ABSTRACTS:

Ekness P.. 2014. EcoLearn Project to Encourage Global Sustainability: Growing Forestry at Your School. Oct 5 Massachusetts Town Forests Conference: Connecting local Communities with Sustainable Forestry. Weston, MA.

Ekness, P., and T.O. Randhir. 2014. Continental-Scale Impacts of Climate on runoff. The Northeast Natural History Conference, Springfield Massachusetts.

Ekness, P., and T.O. Randhir. 2012. Land use Pattern and Stream Flows in Urbanizing Watersheds. **Annual Soil and Water Conservation Society**. Fort Worth Texas.

Ekness, P., and T.O. Randhir. 2009. Assessment and Management of Natural Resources. **National Science Teachers Association**. 2009. Minneapolis, Minnesota.

Ekness, P., and T.O. Randhir. 2008. Effect of Spatial Configuration of Watershed Land Use on Hydrology. **American Water Resources Association** Proceeding. 2008 New Orleans, LA.

Ekness, P., and T.O. Randhir. 2007. Economic value of riparian ecosystem attributes in an urban setting **Soil and Water Conservation Society**, Annual Conference, July, Tampa, FL.

Ekness, P., and T.O. Randhir. 2005. Understanding Watersheds: Using water movement on campus to investigate our natural surroundings. **National Science Teachers Association** – 2005 Annual Meeting Proceeding. Hartford, CT.

Ekness, P., and T.O. Randhir. 2004. Interaction between Riparian Systems and Stream Water Quality. **American Water Resources Association** Proceeding. 2004 Orlando, FL.

Ekness, P., and T.O. Randhir. 2003. Landuse Effects and Habitat Functions of Riparian Ecosystems. **American Water Resources Association** Proceeding. July, New York NY.

NON-REFERRED PUBLICATIONS:

Forest Stewardship Plan (Co-author), Wilbraham and Monson Academy
Forest Viability Grant Proposal (Co-author), Wilbraham and Monson Academy

COMPUTATIONAL SKILLS:

Simulation Modeling: Stella 9.0, BASINS, SWAT;

Statistical: R software, Systat, Minitab

Geographic Information Systems: ArcGIS 10.1;

Office: MSOffice, Adobe Photoshop