Brevard County, FL

Submit Date: Jan 16, 2025

Boards Application Form

Profile				
If interested in one of thes	e boards please fill ou	t this appli	cation and su	bmit.
Which Boards would yo	u like to apply for?			
Environmentally Endangered	d Lands Selection and N	/lanagement	t Committee (SMC): Submitted
Carol		Auer		
Prefix First Name	Middle Initial	Last Name		
carolieauer@gmail.com Email Address				
19 Yawl drive			Suite or Apt	
Cocoa Beach			FL	32931
City			State	Postal Code
Home: (410) 507-6757 Primary Phone	Mobile: (410) 507-	6757		
How long have you bee	n a resident of Brev	ard Count	y?	
9 years				
To which Commissioner	are you applying?			
№ N/A				
Do you consent to a sta	ndard criminal bacl	cground cl	neck?	

Interests & Experiences

⊙ Yes ○ No

Please tell us about yourself and why you want to serve.

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)
The EEL Selection and Management Committee serves as an expert volunteer scientific advisory committee to the County Commission on all issues involving the acquisition and management of environmentally endangered lands with the EEL Program protected area network in Brevard County. **The committee also has two seats for experts in the fields of business, finance or real estate.** Please complete the following information and **include your resume as an attachment** when submitting this application for consideration as a volunteer member of the Selection and Management Committee.

Please confirm your willingness to serve on the committee for a minimum term of two (2) years.

I agree that I am willing to serve on the committee for two years

✓ I Agree

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please confirm your ability to attend meetings in-person

You agree that you are available to attend in-person meetings

✓ I Agree

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please provide a brief overview of your background and expertise related to the following committee member requirements: Four-year postsecondary academic degree (B.S. or equivalent) in biological or environmental sciences or demonstrated professional expertise (minimum of 6 years) in a closely related conservation field such as ecosystem management, natural resources conservation, aquatic biology, field ecology, marine biology, botany, geology, hydrology, fire ecology, natural areas management, human use and recreation in natural areas, science education, or natural area sanctuary design. OR a background and expertise in either business, finance or real estate.

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please provide an overview of your knowledge of Brevard County ecosystems, habitat types and conservation land management techniques. NOT required for applicants applying for the positions related to business, finance or real estate.

I am familiar with ecosystems of Brevard county

Are you currently serving on any State, Regional or Brevard County board, council, or committees? If so please name.

No

Do you have or hold any employment or contractual relationship with any business or any agency which is subject to the regulation of or is doing business with Brevard County? If so, please explain.

No

Please explain your interests and experiences.

I served for 2 years on the Cocoa Beach Sustainability committee. I am interested in contributing to environmental protection and progress

Please explain your background, including education, work experience, civic or community organization memberships and positions, and any professional licenses or memberships, and how this applies to the function of the Board, Council or Committee that you are interested in serving on.

I have a BS in Biology and an MS in Environmental Science. I was federal oceanographer for 36 years for NOAA. The last 12 years of my career, I was a federal program manager

Brevard County Board of County Commissioners strives to promote diversity and provide reasonable accommodations for individuals with disabilities. If you are requesting an accommodation, please indicate below.

None			
Upload a Resume	_		

Agreement

Advisory committees are subject to the Florida open meetings (Sunshine) and public records laws; your response with a completed application with your contact information is a public record; if chosen as a member of the committee, any communications to you from the County or from you to the County in regard to the committee will be a public record.

Please Agree with the Following Statement

I understand the responsibilities and commitment of time associated with an appointment to a Brevard County board, council or committee.

☑ I Agree

Brevard County, FL

Submit Date: Jan 21, 2025 **Boards Application Form**

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Dr	a	Δ	

If interested in one of these boards please fill out this application and submit.

Which Boards would you like to apply for?

Environmentally Endangered Lands Selection and Management Committee (SMC): Submitted

Debor	ah		Heystek		
Prefix First Nam	е	Middle Initial	Last Name		
dheystek@bells	outh.net				
Email Address					
165 Macaw Lan	e				
Home Address				Suite or Apt	
Merritt Island				FL	32952
City				State	Postal Code
Mobile: (321) 43	31-7543				
Primary Phone		Alternate Phone			
How long hav	e you been	a resident of Brev	ard County	y?	
25 years					
To which Con	ımissioner a	are you applying?			
▽ N/A					
Do you conse	nt to a stan	dard criminal back	ground ch	eck?	
⊙ Yes ○ No					

Interests & Experiences

Please tell us about yourself and why you want to serve.

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC) The EEL Selection and Management Committee serves as an expert volunteer scientific advisory committee to the County Commission on all issues involving the acquisition and management of environmentally endangered lands with the EEL Program protected area network in Brevard County. The committee also has two seats for experts in the fields of business, finance or real estate. Please complete the following information and include your resume as an attachment when submitting this application for consideration as a volunteer member of the Selection and Management Committee.

Please confirm your willingness to serve on the committee for a minimum term of two (2) years.

I agree that I am willing to serve on the committee for two years

✓ I Agree

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please confirm your ability to attend meetings in-person

You agree that you are available to attend in-person meetings

✓ I Agree

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please provide a brief overview of your background and expertise related to the following committee member requirements: Four-year postsecondary academic degree (B.S. or equivalent) in biological or environmental sciences or demonstrated professional expertise (minimum of 6 years) in a closely related conservation field such as ecosystem management, natural resources conservation, aquatic biology, field ecology, marine biology, botany, geology, hydrology, fire ecology, natural areas management, human use and recreation in natural areas, science education, or natural area sanctuary design. OR a background and expertise in either business, finance or real estate.

B.S. degree in Ecology from Florida Institute of Technology. (1979) Continue to take courses at FIT - most recently, Estuarine Ecology (2022) and Invertebrate Biology (2023),

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please provide an overview of your knowledge of Brevard County ecosystems, habitat types and conservation land management techniques. NOT required for applicants applying for the positions related to business, finance or real estate.

Hold a UF/IFAS Advanced Florida Master Naturalist certificate (2019).

Are you currently serving on any State, Regional or Brevard County board, council, or committees? If so please name.

No.

Do you have or hold any employment or contractual relationship with any	/
business or any agency which is subject to the regulation of or is doing	
business with Brevard County? If so, please explain.	

No

Please explain your interests and experiences.

I own property adjacent to the Indian River lagoon (IRL) and created a 1 acre xeriscape with native plants and a living shoreline with a red mangrove buffer. For 25 years I have been demonstrating best practices for landscaping along the IRL.

Please explain your background, including education, work experience, civic or community organization memberships and positions, and any professional licenses or memberships, and how this applies to the function of the Board, Council or Committee that you are interested in serving on.

Served as officer of the Brevard county chapter of the Florida Master Naturalists for several years: secretary, president-elect, president, past president.

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Upload a Resume		

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I understand the responsibilities and commitment of time associated with an appointment to a Brevard County board, council or committee.

☑ I Agree

Boards Application Form

Profile				
If interested in one of these	boards please fill out	this applic	ation and sul	omit.
Which Boards would you	like to apply for?			
Environmentally Endangered Submitted	Lands Selection and M	anagement	Committee (S	SMC): Not
Lorraine	L	Koss		
Prefix First Name	Middle Initial	Last Name		
lorraine.koss@gmail.com Email Address				
2115 N Indian River Drive				
Home Address			Suite or Apt	
Cocoa City			FL State	Postal Code
Primary Phone	Alternate Phone			
How long have you been	a resident of Breva	ard Count	y?	
13 years				
To which Commissioner	are you applying?			
District 1				
Do you consent to a star	ndard criminal back	ground ch	eck?	

Interests & Experiences

⊙ Yes ○ No

Please tell us about yourself and why you want to serve.

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)
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Please confirm your willingness to serve on the committee for a minimum term of two (2) years.

I agree that I am willing to serve on the committee for two years

✓ I Agree

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please confirm your ability to attend meetings in-person

You agree that you are available to attend in-person meetings

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Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please provide a brief overview of your background and expertise related to the following committee member requirements: Four-year postsecondary academic degree (B.S. or equivalent) in biological or environmental sciences or demonstrated professional expertise (minimum of 6 years) in a closely related conservation field such as ecosystem management, natural resources conservation, aquatic biology, field ecology, marine biology, botany, geology, hydrology, fire ecology, natural areas management, human use and recreation in natural areas, science education, or natural area sanctuary design. OR a background and expertise in either business, finance or real estate.

My Master's Degree is in Environmental Management from Duke University. I worked for 30 years in water management, policy and public education. After marrying into Brevard County, I became involved in volunteer organizations to save the Lagoon and was appointed to the Save Our Indian River Lagoon Citizen Oversight Committee where I have served since 2017. I term out in February, 2025.

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please provide an overview of your knowledge of Brevard County ecosystems, habitat types and conservation land management techniques. NOT required for applicants applying for the positions related to business, finance or real estate.

With a background in environmental management, I have come to know Brevard County ecosystems specifically through my work for the Indian River Lagoon. Serving on the Save Our Indian River Lagoon oversight committee has helped me study everything from our unique geography to the diversity of wildlife to marine habitat. Monthly presentations by local and state experts have broadened my environmental management education way beyond the Lagoon.

Are you currently serving on any State, Regional or Brevard County board, council, or committees? If so please name.

My term on the Save Our Indian River Lagoon Citizen Advisory Committee expires next month, February 2025. I am currently a council member for the City of Cocoa. I will term out in 2026.

Do you have or hold any employment or contractual relationship with any business or any agency which is subject to the regulation of or is doing business with Brevard County? If so, please explain.

no

Please explain your interests and experiences.

Growing up near the Mississippi River built an appreciation in me for water and nature that led to my being a life-long advocate for water environment issues. We have one of the most diverse estuaries in the world, with an equally unique geography and variety of ecosystems.

Please explain your background, including education, work experience, civic or community organization memberships and positions, and any professional licenses or memberships, and how this applies to the function of the Board, Council or Committee that you are interested in serving on.

I've sought, and continue to seek, expertise starting with a Masters Degree in Environmental Management from Duke University. My career as Deputy Director of the US Water Alliance and Senior Manager of Public Education for the Water Environment Federation prepared me to take up the cause of the Indian River Lagoon. Early on I mobilized citizens to make Cocoa one of the first municipalities to pass an ordinance banning fertilizer use during the wet season. I also organized a gala fundraiser for the initial funding of the MRC ecological health assessment analysis. In addition, I wrote the business and communications plan for that project. Later I applied and was appointed to the Save Our Indian River Lagoon Oversight Committee. Monthly presentations and my own research has expanded my specific knowledge base of Brevard County's ecology and natural resources. Working within the policy of the referendum has taught me to respect restrictions and criteria for making recommendations based on written policy and citizen expectations.

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N/A

Koss Resume 2025.docx

Upload a Resume

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Please Agree with the Following Statement

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☑ I Agree

Lorraine Koss: A recognized leader with environmental expertise

PRESENT:

- o Elected Council Member, City of Cocoa, 4-year term, 2018 & 2022
- Appointed to the Brevard County Save the IRL Citizen Oversight Committee reporting to County Commissioners with proposal recommendations, 2017-2025
- Appointed to thee Florida League of Cities Utilities and Natural Resources Policy Committee, 2019
- Appointed Space Coast Economic Development Commission Board Member, 2021
- Appointed Space Coast Transportation Planning Organization Governing Board 2018

U.S. Water Alliance ● Deputy Director ● 2010-2016

A policy focused national nonprofit dedicated to green infrastructure and resource recovery.

- Convened four national dialogues of diverse sector leaders, water, business, agriculture (Mississippi River Nutrient Dialogues), to reach consensus on policy recommendations; event management and participant recruitment.
- Developed the One Water Leadership Summit, an annual national conference (300 attendees) for peer exchange and education. Negotiated hotel contracts and met budget goals.
- Generated publicity and drew attention to model programs through the U.S. Water Prize, an annual ceremony and gala attended by 300 at National Geographic headquarters.
- Facilitated the Value of Water Coalition public relations campaign, providing support and development to an industry coalition of leaders to raise profile of need for investment in water infrastructure.

Water Environment Federation ● Senior Manager Public Communications ● 1993-2010

An education organization of state-level professional associations dedicated to water quality.

- Developed national public education program from its genesis strategic planning, fundraising (\$250K annual budget), branding, and media relations. Mobilized network of volunteers for advocacy and knowledge sharing. Managed U.S. EPA Biosolids Public Acceptance Campaign grant (250K).
- Created numerous programs and products for target audiences including: Water Is Life, and Infrastructure Makes It Happen awareness campaign for rate-payers on the need to invest in water and wastewater infrastructure; U.S. Stockholm Junior Water Prize national high school science competition culminating in annual 3-day event hosting 150 students, teachers, and parents; WEF Teach annual full-day teachers workshop on water issues.
- Liaison to committees, associations and agencies forming national and grassroots coalitions, and partnerships. Extensive public speaking at U.S. Member Association conferences, Australia, Canada and China.

KOSS RESUME

Charlotte Mecklenburg Utility Department • Administrative Officer • 1987-1992

Established CMUD's community relations program. Responsible for the city's involvement in all public outreach programs including school education, National Drinking Water Week, partnerships/sponsorships, watershed festivals and cleanups, xeriscape education, historic designation of properties, community and media relations.

WTVI/Charlotte-Mecklenburg Public Broadcasting Authority • Assistant to Development Director • 1982-1986

Worked under the mentorship of the Development Director assisting in all aspects of fundraising for public broadcasting. Responsible for membership records; on-air membership drive promotions; recruitment, training, and organization of more than 100 volunteers per drive including solicitation of corporate sponsorships for volunteer expenses. Stage management and camera operation for *After Dark* concert series.

EDUCATION:

Duke University • Durham, N.C. • Masters in Environmental Management Trinity University • Washington D.C. • Bachelors in Communications

PAST APPOINTMENTS:

Groundwater Foundation Technical Review Board, 2000-2005 Keep America Beautiful National Public Education Advisory Board, 1994-1997 Chair & Founder of the NC Water for People chapter, 1989-1992

AWARDS:

Associations Advance America Honor Roll, *Water Is Life*National Association of Environmental Professionals, *The Water Sourcebook*U.S. Environmental Protection Agency, *The Water Sourcebook* series
American Society of Association Executives, WEF*Teach*Charlotte Mecklenburg Earth Coalition, *Water Woman*

CERTIFICATIONS:

Keep Brevard Beautiful Lagoon Friendly Lawn Virginia Cooperative Extension – Master Gardener Yoga Alliance, registered teacher Brevard County, FL

Submit Date: Jan 16, 2025

Boards Application Form

Profile If interested in one of these boards please fill out this application and submit. Which Boards would you like to apply for? Environmentally Endangered Lands Selection and Management Committee (SMC): Submitted Ms. Weber Karen Prefix First Name Middle Last Name Initial karen ann514@yahoo.com Email Address 8500 Rosalind Avenue #8 Home Address Suite or Apt FL 32920 Cape Canaveral Postal Code Mobile: (406) 671-4568 Primary Phone Alternate Phone How long have you been a resident of Brevard County?

1 year

To which Commissioner are you applying?

✓ N/A

Do you consent to a standard criminal background check?

⊙ Yes ○ No

Interests & Experiences

Please tell us about yourself and why you want to serve.

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Ouestion applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

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Please provide a brief overview of your background and expertise related to the following committee member requirements: Four-year postsecondary academic degree (B.S. or equivalent) in biological or environmental sciences or demonstrated professional expertise (minimum of 6 years) in a closely related conservation field such as ecosystem management, natural resources conservation, aquatic biology, field ecology, marine biology, botany, geology, hydrology, fire ecology, natural areas management, human use and recreation in natural areas, science education, or natural area sanctuary design. OR a background and expertise in either business, finance or real estate.

I have a B.S. in Environmental Engineering. I have worked in the environmental field for 25 years. I have experience conducting Environmental Assessments including NEPA consultations for multiple federal, state and private entities. I have prepared and administered MS4 discharge permits, and construction stormwater pollution and prevention plans. I have conducting Phase I and Phase II assessments on properties ranging from an asbestos manufacturing facility to previous large-scale farming operations.

Question applies to Environmentally Endangered Lands Selection and Management Committee (SMC)

Please provide an overview of your knowledge of Brevard County ecosystems, habitat types and conservation land management techniques. NOT required for applicants applying for the positions related to business, finance or real estate.

I am aware that scrub ecosystem in Bevard County is declining providing less natural habitat for native animal species. I know there is an ongoing effort to restore water quality and protect the mangroves, marshes, reefs and dune within the Indian River Lagoon system. Being fairly new to Brevard County I'm still familiarizing myself the with the challenges the county is facing in protecting its natural spaces.

Are you currently serving on any State, Regional or Brevard County board, council, or committees? If so please name.

No

Do you have or hold any employment or contractual relationship with any business or any agency which is subject to the regulation of or is doing business with Brevard County? If so, please explain.

Nο

Please explain your interests and experiences.

I enjoy, fishing, camping and exploring State Parks.

Please explain your background, including education, work experience, civic or community organization memberships and positions, and any professional licenses or memberships, and how this applies to the function of the Board, Council or Committee that you are interested in serving on.

As stated above, I have a B.S. in Environmental Engineering and have worked in the environmental field for 25 years and am familiar with federal and state environmental regulation I am also a certified Stormwater Compliance Inspector. I believe this background would be an asset to the Committee. I think it's vital to take an active role in protecting natural spaces.

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No accommodation.

K._Weber_Resume_1.16.25.docx

Agreement

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Please Agree with the Following Statement

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✓ I Agree

Karen A. Weber

8500 Rosalind Avenue, Cape Canaveral, Florida 406.671.4568 Karen ann514@yahoo.com

Summary

Performance driven professional with over 25 years' experience in the environmental and engineering fields. Ms. Weber has worked for a variety of clients including federal, state and local agencies, as well as private sector, with expertise in sampling, data analysis, environmental site assessment, spill prevention control and countermeasure plans, stormwater pollution prevention plans, construction oversight and project management.

Experience

SCS Engineers, Florida

July 2024-Present

- Responsible for scheduling and conducting Phase I Environmental Site Assessments and NEPA studies.
- Responsible for scheduling and conducting Phase II Environmental Site Assessments
- Brownfields reporting

Terracon Consultants, New Orleans Louisiana

January 2021-April 2024

- Responsible for scheduling and conducting Phase I Environmental Site Assessments and NEPA studies.
- Prepared Spill Prevention Control and Countermeasure (SPCC) Plans for commercial and industrial facilities.
- Prepared Stormwater Pollution Prevention Plans (SWPPP) for commercial and industrial facilities.
- Conducted SWPPP and SPCC compliance inspections at commercial and industrial facilities.
- AHERA Certified Asbestos Inspector
- Certified Stormwater Inspector

City of Billings, Billings Montana

May 2016-November 2020

- Administered City of Billings MS4 Stormwater Permit.
- Authored local ordinances addressing illicit discharges to the City's storm drain system
- Conducted community outreach activities educating the public on common pollutant sources
- Drafted Sampling Plans
- Conducted quarterly sampling as required by the General Permit
- · Analyzed sampling results for reporting to the Department of Environmental Quality
- Enforced general permit compliance
- Completed dry weather and wet weather monitoring plans
- Certified Stormwater Pollution Plan Administrator
- Region 8 EPA pretreatment board member
- Communication with state and federal agencies as well as the general public regarding discharge permits
- Conducted Public Involvement meetings for proposed public works projects
- State of Montana stormwater planning committee

Karen A. Weber

8500 Rosalind Avenue, Cape Canaveral, Florida 406.671.4568 Karen ann514@yahoo.com

HDR Engineering Inc., Billings Montana

April 2006- May 2016

- Conducted Phase I Environmental Site Assessments, NEPA studies including agency and land owner consultations
- Prepared Environmental Impact Statements and Environmental Reports
- Threatened and endangered species evaluations, and mitigation measures
- Aided in the design of various water and wastewater facilities as well as permit preparation and master plan studies
- Completed Spill Prevention, Control and Countermeasure plans
- Completed Stormwater Pollution Prevention Plans
- Facility Siting and Permitting
- Construction oversight
- Knowledge of federal and State of Montana discharge standards
- Office Safety Coordinator

Terracon Consultants, Billings Montana

April 2004- April 2006

- Responsible for scheduling and conducting Phase I Environmental Site Assessments and NEPA studies.
- Completed groundwater assessments and monitoring at various MDEQ LUST, oil, and gas facilities
- Conducted NESHAP demolition and remodel Asbestos inspections, as well as final visual inspections and air clearances at the completion of abatement projects
- · Performed personal exposure monitoring for chemicals including acetone, lead, and particulate matter
- State certified Asbestos Contractor Supervisor Training instructor.
- Provided assistance in geotechnical lab work, including gradations, Atterberg limits, moisture, resistivity, and MD curves
- Excellent communication with clients and state and federal agencies

Education

Bachelor of Science – Environmental Engineering

Montana Tech - March 2000

References

Provided upon request