



City of Seattle Boards & Commissions Notice of Appointment

Appointee Name: Kevin Werner		
Board/Commission Name: Levy to Move Seattle Oversight Committee		Position Title: Regular Member, Seat 10
Appointment OR <input checked="" type="checkbox"/> Reappointment	Council Confirmation required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Appointing Authority: <input checked="" type="checkbox"/> Council <input type="checkbox"/> Mayor <input type="checkbox"/> Other: <i>Fill in appointing authority</i>	Term of Position: * 1/1/2022 to 12/31/2025 <input type="checkbox"/> <i>Serving remaining term of a vacant position</i>	
Neighborhood: Leschi	Zip code: 98144	Contact Phone No.:
Background: <i>Kevin Werner holds a doctorate in Political Science, Master of Public Administration, and a Master of Science in Atmospheric Sciences and current serves as the Science and Research Director of Northwest Fisheries Science Center. Kevin is interested in increasing our city's mobility and resiliency, increasing racial and social equity, as well as continuing to build strong communities and economic enablers in our city.</i>		
Authorizing Signature (original signature):  Date Signed (appointed): 1/14/2022	Appointing Signatory: Councilmember Alex Pedersen	

*Term begin and end date is fixed and tied to the position and not appointment date.

KEVIN WERNER



EXECUTIVE SUMMARY

Proven executive leadership in federal agencies with extensive experience in public administration, science, and science application. Expertise in applying scientific output to meet real world challenges in water resources, climate, and natural resources. Exceptional communication, relationship building, and facilitation skills for supporting well informed, science based decision making by stakeholders.

EDUCATION

- | | |
|---|-------------|
| Doctorate in Political Science
Dissertation: States, Water, and Climate: Who's Planning for Change?
University of Utah | 2015 |
| Master of Public Administration
University of Utah | 2009 |
| Master of Science in Atmospheric Sciences
University of Washington | 1999 |
| Bachelor of Science in Atmospheric Sciences & Mathematics
University of Washington
Included more than 24 semester hours in physical science required for this position. Please see included University of Washington transcript for detailed course information. | 1996 |

EXPERIENCE

Science and Research Director, Northwest Fisheries Science Center 5/15/2017 to present
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
Seattle, WA
Grade: Senior Executive Service
40 hours per week

Leads a large and complex federal research organization that delivers high quality science output to support management of the nation's fisheries and marine protected resources. The Northwest Fisheries Science Center (NWFSC) includes approximately 500 scientists, technicians, and support staff with an annual budget of approximately \$70m. The NWFSC includes scientists with diverse expertise in the life science, social science, and physical sciences as well as a full range of

support staff with expertise in budgeting, facilities, communication, information technology, boats and ships, data, and more. The science output of the organization provides important and foundational information for managing west coast fisheries, protected resources including threatened or endangered salmon and marine mammals.

Provides executive level leadership including setting priorities, working with and supporting stakeholders in resource management. Stakeholders include Congress, fisheries management councils, resource managers in NOAA, action agencies at all levels of government, and other research organizations such as Universities.

Director, Office of Organizational Excellence

1/1/2016 to 5/15/2017

National Weather Service

National Oceanic and Atmospheric Administration

Silver Spring, MD

Grade: Senior Executive Service

40 hours per week

The Office of Organizational Excellence leads and manages activities enabling NWS to become the agile and effective organization needed to build a Weather-Ready Nation. The Office plans and oversees organizational changes based on recommendations of two independent studies of the National Weather Service: “Weather Services for the Nation: Becoming Second to None,” National Academy of Sciences (NAS), 2012, and “Forecast for the Future: Assuring the Capacity of the National Weather Service,” National Academy of Public Administration (NAPA), May 2013. The Office also administers a framework for change which enables and facilitates continuous evolution of the National Weather Service. The Office focuses on large-scale, significant changes to the organizational structure, infrastructure, or operations of the National Weather Service. The Office coordinates and oversees transition activities, and evaluates if changes implemented are effective and meet the intent of study recommendations. The Office manages the framework for change process, as well as communication of change activities to both internal and external stakeholders by working closely with the Office of Planning and Programming for Service Delivery (OPPSD), Portfolio Offices, and the Communications and Legislative Affairs in the Office of the Chief of Staff.

Regional Climate Service Director, Western Region

3/1/2014 to 1/1/2016

National Oceanic and Atmospheric Administration

Seattle, WA

Grade: ZP5 (GS15 equivalent)

40 hours per week

Coordinated and advised on National Oceanic and Atmospheric Administration (NOAA) climate services investments in an eight state region in the Western United States including activities and programs from the National Weather Service (NWS), NOAA Research, the National Climatic Data Center (NCDC), and NOAA Fisheries.

Led a NOAA wide services assessment focused on understanding the impacts of the 2012-2014 California drought and the opportunities to improve or enhance services, forecasts, and data

offered by NOAA supporting impacted decision makers. My role included developing the team's charter, identifying team members, leading team calls, coordinating team fieldwork, and overseeing and vetting the team's report.

Developed a NOAA drought and water resources pilot activity focused on incorporating climate science, data, and forecasts into existing habitat and flood protection collaborations in the Puget Sound basin.

Collaborated with key stakeholders in the region including Western Governors Association, the Western States Water Council, private sector stakeholders, and federal partners to identify needs related to climate, drought, and NOAA services in the region and to develop avenues to meet those needs.

Prepared and proposed budgets for science and technical projects including drought early warning system prototypes in the Pacific Northwest and California.

Briefed news media on various western USA climate particularly focusing on water resources, water supply, and drought as one-on-one interviews, routine or special briefings to multiple outlets, and working with public affairs staff on media roll out plans.

Service Coordination Hydrologist

3/1/2008 to 3/1/2014

Colorado Basin River Forecast Center (CBRFC)

National Weather Service; Salt Lake City, UT

Grade: GS14

40 hours per week

Utilized physical sciences knowledge to outreach and engage partners, customers and stakeholders in applications of climate information produced by the CBRFC, including the interpretation of data products. Collaborated with NOAA Regional Integrated Sciences and Assessments to develop a toolkit for stakeholder engagement, which included survey techniques, scenario exercises, and hands-on activities.

Identified emerging issues and needs for water, weather, and climate forecast information, and worked in partnership with regional providers and users, such as Weather Forecast Offices, regional water managers, and the general public, to develop, test and operationally transition new climate information products and services.

Collaborated and led interdisciplinary teams, working groups and committees to plan, coordinate and implement numerous workshops and meetings with regional stakeholders, partners and scientists. This included other Federal agency partners, state, local and tribal government stakeholders, and academic and private sector partners.

Presented weather and climate information, and documented regional needs for water, weather, and climate information for the purposes of new product development. Engaged the research

community to define research questions to address the evolving needs of water managers and other consumers in the Colorado Basin. Developed new forecast products, scientific studies, and datasets to better support regional decision-makers.

Managed and led water and weather forecasting operations and service programs including during flooding events, peak flow forecasts, and water supply forecasts. This included scheduling the forecast staff, coordinating with other NWS offices and with stakeholders, and responding to requests and problems as they came up. This also included extensive experience with all aspects of generating both water and weather forecasts.

Advised on office budgeting, human resource development, and managed project budgets for research grants. This included advising on personnel selections, budget allocations, and spending plans to achieve the office mission.

Extensively evaluated and advised on organizational and technical procedures including forecast enhancements through forecast verification and evaluation and project planning. Authored several forecast evaluation and verification studies designed to identify and correct forecast deficiencies.

Developed, analyzed, and evaluated program policies, regulations, goals, and objectives through diverse avenues and activities but typically linked to stakeholder input and needs.

Evaluated cooperative agreements to ensure they were current and relevant for both parties especially the long standing NWS – NRCS water supply forecasting arrangement.

NOAA Leadership Competencies Development Program (LCDP) Fellow 3/2012-1/2014

Competitively selected into the NOAA Leadership Competencies VIII Program, and successfully completed three detail assignments. *Awarded the Dr. Linda Winner Peer Award for demonstrated class leadership.*

LCDP Detail 1: Climate Adaptation Advisor, EcoAdapt and The Nature Conservancy, Seattle, WA

Developed climate adaptation initiatives in partnership with EcoAdapt to assist the Nez Pierce – Clearwater National Forest in integrating climate adaptation and climate change information in their forest management plan. This National Forest is one of five nationwide to prototype the inclusion of climate change considerations in forest management plans.

Worked with The Nature Conservancy on the Floodplains by Design initiative in Puget Sound. Utilized science expertise in hydrology and outreached to flood managers, fisheries and habitat managers, and the agricultural sector to advance the goal of this initiative to build an interdisciplinary coalition of stakeholders to develop a shared vision and strategies to improve the resiliency of the Puget Sound tributaries to changing climate.

LCDP Detail 2: Science Advisor, Hurricane Sandy Rebuilding Task Force, Washington, DC

Served as Science Advisor to the Hurricane Sandy Rebuilding Task Force established by Executive Order to provide coordination support for rebuilding efforts. Advised on Hurricane Sandy Task Force activities including providing and organizing technical science review of Task Force work, including the Task Force Strategy Report.

Successfully developed relationships between Task Force political and career staff and the federal science and technology community, and collaborated with the Office of Science and Technology Policy, Council on Environmental Quality, and other designated federal agencies to organize, convene and staff an interagency Science Coordination Group for the purposes of providing well-coordinated and timely science based information and advice.

Presented information and represented NOAA at meetings related to the Task Force, including the National Academies of Science, Army Corps of Engineers Comprehensive Study meetings, and NOAA communicating climate workshop.

LCDP Detail 3: Special Assistant to Regional Administrator, National Marine Fisheries Service, Seattle, WA

Utilized physical science expertise to advise on the Puget Sound tributary hydrology for supporting salmon habitat. Assessed science and policy environments surrounding river flow to support salmon habitat in the Puget Sound basin, and worked with other federal agencies, such as the Bureau of Indian Affairs and U.S. Geological Survey to identify intersecting interests and collaborative opportunities, and advised NMFS leadership on findings.

Regional Hydrologic Science Program Manager

6/2004 to 3/2008

Western Region Headquarters
National Weather Service; Salt Lake City, UT
Grade: GS13
40 hours per week

Managed efforts to infuse new science and development into National Weather Service (NWS) hydrologic forecasting operations, including coordination of NOAA climate observation and data experiments, such as the Hydrometeorology Testbed. Led USGS/NOAA efforts to improve debris flow warnings in Southern California; developed a water resources forecast web based tool kit, and successfully convened a regional team of experts to verify hydrologic forecasts and generate case studies, the results of which were used to inform a national program.

Evaluated local office hydrology programs as part of program reviews for the Western Region Headquarters to ensure compliance with agency directives as well as to identify opportunities to advance the state of hydrologic forecasting.

Officer, Lieutenant

6/1999 to 6/2004

NOAA Corps

Hydrologist

3/2002 to 6/2004

Colorado Basin River Forecast Center (CBRFC)
National Weather Service; Salt Lake City, UT

Conducted operations for forecasting river flows, developed new methodologies for forecasting river flows, and collaborated with research scientists inside and outside of NOAA to improve products and services and customer access. Routinely utilized River Forecast Center modeling systems to analyze diverse data including weather, streamflow, and reservoir data to produce forecasts.

Developed new techniques for improving hydrologic forecasts through my effort to develop techniques for integrating ensemble weather and climate forecasts into hydrologic ensemble forecasts. In particular developed and validated techniques that I published in the literature that formed the foundation for the Hydrologic Ensemble Forecast System that was subsequently implemented at NWS River Forecast Centers.

Officer-In-Charge **2002**
NOAA Ship OSCAR SETTE; NOAA Ship VINDICATOR

Responsible for outfitting efforts for NOAA ships in preparation for their entry into the NOAA fleet. Managed personnel and budgetary resources, and completed preparations for “going to sea” including Panama Canal transit.

Field Operations Officer **10/1999 to 2/2002**
NOAA Ship KA'IMIMOANA

Responsible for organizing day-to-day activities in support of the ship’s research mission, coordinated with ship's crew and visiting scientists, and conducted bridge watch.

Research Assistant **6/1996 to 6/1999**
Department of Atmospheric Sciences
University of Washington

Conducted research on climate variability in the tropical Atlantic climate system using numerical global climate models and analyzed climate data records. Successfully demonstrated that the entire climate system (ocean, atmosphere, lithosphere) is integral to defining climate variability in the region. Taught undergraduate Atmospheric Sciences courses.

HONORS & AWARDS

Employee of the Year, National Center for Environmental Information	2015
NOAA LCDP Linda Winner Award	2013
NOAA LCDP Fellow	2012
National Weather Service (NWS) quality step increase	2005, 2007, 2010, 2013
Pi Alpha Alpha Member	2009
G. Homer Durham MPA Scholarship	2008
NWS Special Service Act Cash Award	2004, 2005, 2006, 2007, 2008

NOAA Administrator's Award
Regional and local Isaac Cline Award

2007
2007

PROFESSIONAL TEACHING EXPERIENCE

Introduction to Meteorology

2004 to 2008

Non-majors undergraduate Meteorology course.
Adjunct instructor at the University of Utah

SELECTED PUBLICATIONS

Link, J. S., Werner, F. E., **Werner, K.**, Walter, J., Strom, M., Seki, M. P., ... & Cabana, N.. A NOAA Fisheries science perspective on the conditions during and after COVID-19: challenges, observations, and some possible solutions, or why the future is upon us. *Canadian Journal of Fisheries and Aquatic Sciences*, 78(1), 1-12, (2021).

Werner, K., & Svedin, L. States, water, and climate: Who's planning for change?. *Climate Risk Management*, 16, 59-72, (2017).

Kruk, M. C., Parker, B., Marra, J. J., **Werner, K.**, Heim, R., Vose, R., & Malsale, P. Engaging with users of climate information and the coproduction of knowledge. *Weather, Climate, and Society*, 9(4), 839-849, (2017).

Vano, J. A., ... **Werner, K.**, and Lettenmaier, D. P. Understanding uncertainties in future Colorado River streamflow. *Bulletin of the American Meteorological Society*, 95(1), 59-78, (2014).

Werner, K., Averyt, K., Owens, G. River Forecast Application for Water Management: Oil and Water? *Weather, Climate, and Society*, 5(3), (2013).

Werner, K., Yeager, K. Challenges in Forecasting the 2011 Runoff Season in the Colorado Basin. *Journal of Hydrometeorology*, 14(4), (2013).

Hobbins, M., Wood, A., Streubel, D., & **Werner, K.** What Drives the Variability of Evaporative Demand across the Conterminous United States?. *Journal of Hydrometeorology*, 13(4), 1195-1214 (2012).

Demargne, J., Mullusky, M., **Werner, K.**, Adams, T., Lindsey, S., Schwein, N., Marosi, W., Welles, E. Application of Forecast Verification Science to Operational River Forecasting in the U.S. National Weather Service. *Bulletin of the American Meteorological Society* 90: 779-784 (2009).

Restrepo, P., Jorgensen, D. Cannon, S., Costa, J., Laber, J., Major, J., Martner, B., Purpura, J., and **Werner, K.** Joint NOAA/NWS/USGS Prototype Debris Flow Warning System for Recently Burned Areas in Southern California. *Bulletin of the American Meteorological Society* 89: 1845-1851 (2008).

Werner, K., Brandon, D., Clark, M., and Gangopadhyay, S. Incorporating medium-range numerical weather model output into the ensemble streamflow prediction system of the National Weather Service. *Journal of Hydrometeorology* 6: 101-114 (2005).

Werner, K., Brandon, D., Clark, M., Gangopadhyay, S. Climate index weighting schemes for NWS ESP-based seasonal volume forecasts. *Journal of Hydrometeorology* 5: 1076-1090 (2004).

Gangopadhyay, S., Clark, M., **Werner, K.**, Brandon, D., and Rajagopalan, B. Effects of spatial and temporal aggregation on the accuracy of statistically downscaled precipitation estimates in the upper Colorado river basin. *Journal of Hydrometeorology* 5: 1192-1206 (2004).

PROFESSIONAL DEVELOPMENT & CIVIC SERVICE

Secretary, Move Seattle Levy Oversight Committee	2020 to present
Board Member, Senior Executive Association	2020 to present
Innovative culture summit	2016
Chair, Western Area Federal Support Team (westFAST)	2016 -2018
American Meteorological Society Water Resources Committee	2013 - 2014
American Meteorological Society Board on Global Strategies	2013 to 2021
NOAA Leadership Development Competencies Program	2012 - 2013
Co-convened short course on water supply forecasting American Meteorological Society Annual Meeting	January 2011
President, Board of Directors Salt Lake City Library	2010 to 2014
Selected participant in Policy Colloquium American Meteorological Society	June 2008
Charter member "1st" N State Toastmasters Club	2006 - 2008
Passed Actuaries Exam P1 - Probability	February 2006

MISCELLANEOUS INFORMATION FOR FEDERAL POSITIONS

Citizenship: USA

Selective Service Registration: Yes

Federal Employment Listed Here: All full time (40 hours per week)

Career Senior Executive Service since January 2016
Security Clearance: TSSI Security Clearance

Levy to Move Seattle Oversight Committee

16 Members: Pursuant to *Ordinance 124796*, 10 members subject to City Council confirmation, 4-year terms:

- 5 City Council-appointed
- 5 Mayor-appointed
- # Other Appointing Authority-appointed (specify): 4 modal advisory board representatives appointed by respective modal advisory boards; City Council Transportation Committee Chair; City Budget Director

Roster:

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
6	F	3	1.	Co-Chair	Rachel Ben-Shmuel	1/1/20	12/31/23	2	Mayor
6	F	7	2.	Member	Hester Serebrin	1/1/19	12/31/22	2	Mayor
6	M	6	3.	Member	Ron Posthuma	1/1/18	12/31/21	1	Mayor
6	M	4	4.	Co-Chair	Samuel Ferrara	1/1/19	12/31/22	1	Mayor
6	F	7	5.	Member	Lisa Bogardus	1/1/20	12/31/23	2	Mayor
6	M	6	6.	Member	Dennis Gathard	1/1/20	12/31/23	1	Council
6	F	4	7.	Member	Vicky Clarke	1/1/19	12/31/22	1	Council
6	F	4	8.	Member	Inga Manskopf	1/1/20	12/31/23	2	Council
6	M	1	9.	Member	Joe Laubach	1/1/19	12/31/22	2	Council
6	M	3	10.	Member	Kevin Werner	1/1/22	12/31/25	1	Council
9	F	3	11.	Bike Advisory Board Member	Maimoona Rahim	9/1/20	8/31/22	1	SBAB
6	F	2	12.	Pedestrian Advisory Board Member	Jennifer Lehman	4/1/20	3/31/22	1	SPAB
			13.	Freight Advisory Board Member	Geri Poor	n/a	n/a	n/a	SFAB
		4	14.	Transit Advisory Board Member	Emily Percival	8/3/20	8/2/22	1	STAB
6	M	4	15.	Councilmember	Alex Pedersen	n/a	n/a	n/a	n/a
6	M	6	16.	Budget Director	Ben Noble	n/a	n/a	n/a	n/a

SELF-IDENTIFIED DIVERSITY CHART (1) (2) (3) (4) (5) (6) (7) (8) (9)

	Male	Female	Transgender	NB/ O/ U	(1) Asian	(2) Black/ African American	(3) Hispanic/ Latino	(4) American Indian/ Alaska Native	(5) Other	(6) Caucasian/ Non- Hispanic	(7) Pacific Islander	(8) Middle Eastern	(9) Multiracial
Mayor	2	3								5			
Council	3	2								5			
Other	2	2								3			1
Total	7	7								13			1

Key:

*D List the corresponding *Diversity Chart* number (1 through 9)

**G List *gender*, M= Male, F= Female, T= Transgender, NB= Non-Binary O= Other U= Unknown

RD Residential Council District number 1 through 7 or N/A

Diversity information is self-identified and is voluntary.