

Erica J. Rossetti

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I am a passionate environmentalist committed to creating healthy ecosystems and strong communities through just, sustainable, nature-based solutions.

Professional Experience:

Novick Urban Farm, Philadelphia PA

Urban Farming Apprentice

(10 hrs/week, March 2022—Present)

- Perform physical farming tasks as part of organic vegetable production on a 1.3 acre urban farm
- Prepare beds, mulch, weed, plant crops, harvest crops, process crops for low-cost community farm stand
- Care for chickens, pollinator gardens, heirloom tomatoes, and hoop house crops

Partnership for the Delaware Estuary, Wilmington DE

Urban Waters Coordinator

(35 hrs/week, October 2021—Present)

- Serve as the ambassador for the Delaware River Location of the Urban Waters Federal Partnership, a federal environmental justice program that restores and revitalizes historically disconnected and distressed urban communities using nature-based solutions and community outreach.
- Convene federal partners monthly
- Write grant proposals to fund mini-grants that support local on-the-ground urban greening projects

Schuylkill Action Network Coordinator

(35 hrs/week, October 2020 – October 2021)

- Managed the administration of a network of environmental partners throughout the Schuylkill River Watershed, which spans five counties, 250 municipalities, and over 800 environmental professionals in Southeastern Pennsylvania
- Planned, organized, and facilitated Schuylkill Action Network (SAN) events including professional workshops, meetings, environmental stewardship events, and projects
- Maintained several websites and social media sites (Twitter, FaceBook, Instagram, LinkedIn) with news stories, project success stories, and watershed resources such as a grant directory and literature
- Wrote and designed publications including newsletters, brochures, progress reports, strategic plans, standard operating procedures, and marketing materials

Schuylkill Action Network Associate

(35 hrs/week, May 2019 – October 2020)

- See duties as described above

Outreach Intern

(30 hrs/week, August 2018 - May 2019)

- Implemented a variety of environmental outreach projects and clean water initiatives for the Philadelphia Water Department and Schuylkill Action Network
- Planned river cleanup events, coordinated student art contests, designed social media and marketing materials, and managed websites

New Jersey Department of Environmental Protection, Trenton NJ

NJ AmeriCorps Watershed Ambassador (40 hrs/week, September 2017 - September 2018)

- Worked within the North and South Branch Raritan Watershed as a liaison between the NJ Department of Environmental Protection, the NJ Commission on National and Community Service, Raritan Headwaters Association, and the community.
- Created and conducted over 60 water-based presentations for education of diverse audiences
- Partnered with community groups and volunteers to coordinate stewardship events including tree plantings, stream restorations, rain barrel workshops, rain garden plantings, and stream cleanups
- Secured grant money from The Nature Conservancy to purchase streambank restoration supplies
- Identified local flora and fauna (specifically freshwater macroinvertebrates)
- Researched stream quality by performing over 35 habitat and biological assessments in the field
- Trained and managed volunteers to perform water quality assessments
- Created maps and gathered data using ArcGIS, NJ GeoWeb, Google Maps, and Google Places

Education:

University of Delaware Honors Program, Newark, DE

2017

Bachelor of Science: Natural Resource Management, Agriculture & Natural Resources

Cumulative GPA: 3.78, Cum Laude

Activities & Societies:

- Alpha Omega Epsilon Nu Chapter Community Service Chair (2015-2016), Secretary (2016-2017), and Executive Board (2016-2017).
- Green Team Advertisement Coordinator (2014-2015)

University of South Pacific, Suva, Fiji

2016

Study Abroad: Case studies in geography, culture, conservation, and sustainability on a small island nation

GPA: 3.85

Research Experience:

University of Delaware, Newark, DE

Research Assistant, College of Agriculture & Natural Resources (May 2016 - June 2016)

- Performed extensive data entry using the Chesapeake Bay Nutrient Trading program
- Assisted with research on the economic value of agricultural conservation practices on water quality

Research Intern, Delaware Water Resources Agency (June 2015 – May 2016)

- Identified sampling sites of Brandywine Creek tributaries using GPS
- Performed weekly field tests studying chemical, physical, and biological water quality parameters
- Maintained vegetative buffers in a rain garden
- Recorded and analyzed extensive data using Microsoft Excel
- Presented a research paper and poster for University of Delaware's Celebration of Scholarship

Teaching Assistant Experience:

University of Delaware, Newark, DE

Teaching Assistant, College of Agriculture & Natural Resources (Sept. 2016 – May 2017)

- Classes:
 - Agricultural and Natural Resource Economics, Dr. Leah Palm-Forster
 - Resource Economics, Dr. Leah Palm-Forster
 - Environmental Economics, Dr. Joshua Duke
- Graded assignments weekly, designed exam questions, assisted and communicated with about 25 students (per class) about lecture material

Plans, Reports, Articles, and Publications:

- [“CDRW Priorities: The Urban Waters Federal Partnership”](#) – article (March 2022)
- [Schuylkill Action Network 2020 Progress Report](#) – story map (June 2021)
- Schuylkill Action Network [2021-2025 Strategic Action Plan \(December 2020\)](#)
- [Recreation on the Schuylkill River Pocket Guide](#) (March 2020)
- [Schuylkill Action Network 2019 Progress Report](#) – print (December 2019)
- [North & South Branch Raritan Watershed Management Final Report](#) (August 2018)
- [Pleasant Run Tree Planting Project Report](#) (May 2018)
- [Water Quality Sampling Field Report: First State National Park](#) (May 2017)

Accolades:

- Berks County Conservation District: Conservation Organization of the Year (September 2019)
- NJDEP: Jefferson Award for Environmental Stewardship (June 2018)
- UD: Outstanding Senior in Natural Resource Management (May 2017)
- UD: Collins Scholarship for Environmental Issues in Agriculture (July 2016)
- UD: Donald F. Crossan Agricultural Scholarship (July 2016)
- UD: Bearman Scholarship for Natural Resource Management (July 2015 and 2016)

Skills:

- *Academic*
 - Technical and creative writing
 - Teaching, lesson plan design, grading, and mentoring
- *Environmental Science*
 - Water quality sampling (physical, chemical, and biological)
 - Visual habitat assessments of freshwater streams
 - Flora and fauna identification (dichotomous keys, field guides)
 - Soil cores and Munsell Soil Chart identification
 - Freshwater mussel field sampling
- *Computer*
 - Microsoft (Excel, Word, PowerPoint, Publisher, Outlook)
 - Google (Mail, Calendar, Spreadsheets, Docs, Slides, Forms, Drive, Maps, Places)
 - Geographic Information Systems (ArcGIS, NJ GeoWeb)
 - Surveying and Feedback Analysis (SurveyMonkey, Qualtrics)
 - Media and graphic design (Canva, iMovie)
 - List-serv management (MailChimp)

- Website design (Weebly, Wix, Google Sites, & SchuylkillWaters.org)
- *Professional/Outreach*
 - Designing outreach and marketing materials (brochures, flyers, social media posts, pocket guides, signage, etc.)
 - Volunteer management and communication
 - Virtual and in-person meeting/event facilitation
 - Social media photography & outreach (FaceBook, Instagram, Twitter, LinkedIn)

Interests:

- Botany, Horticulture, Farming
- Climate change processes, mitigation, and adaptation
- Biodiversity
- Agricultural conservation
- Sustainable land management
- Natural resource valuation
- Environmental justice
- Urban outdoor access and recreation
- Women's, LGBTQI+, and BIPOC Equity, Leadership, and Empowerment

References:

Virginia Vassalotti, she/her (Former Supervisor)

Source Water Protection Project Officer, *U.S. Environmental Protection Agency, Region 3*

Vassalotti.virginia@epa.gov

(301) 787-4726

Izzy Castiglioni, he/him (Former NJ AmeriCorps Cohort Member)

Resource Management Specialist, *New Jersey Highlands Council*

Izzy.Castiglioni@highlands.nj.gov

(856) 761-4608

Kaitlin Tucker, she/her (Former Coworker)

Coordinator for Research and Engagement, *North Carolina Water Resources Research Institute*

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