**Jennifer Dowd, Ed.S.**

**Professional Experience**

**National Wildlife Federation** | Remote

Senior Manager K-16 National Education Programs (2015 – May 1, 2020))

Impact NWF’s educational strategic priorities: school, corporate and community relationship management, international program development and design, management, testing, implementation, evaluation, revision and metric reporting.

* Developed and implemented workshops for over 1500 teachers, 600 employee mentors, across 63 school-communities
* Co-developed and updated curriculum and training material for Eco-Schools USA Program for over 5500 schools nationally
* Lead NWF’s K-16 education team in developing a Equity and Justice vision and decision-making and evaluation lens.
* Designed system and curriculum for schools to completed green-STEM project-based learning units with over 300 projects completed
* Measured effectiveness of programming in terms of educational, environmental and economic impacts for 50K students with 90% reporting significant improvement in 95% of metrics.
* Produced virtual regional learning communities to increase effectiveness of educational professionals to complete sustainability projects with students and change school culture.
* Provide feedback on national federal education policy advocacy and best researched practices.
* Co-wrote and reviewed contracts, application process, and disbursement of seed grants to schools.
* Developed national team of 5 regional managers to increase program capacity and effectiveness.
* Set strategic agenda and managed complex relationships between multinational corporations, local employee mentors, schools, teachers, students, community partners, and FEE Eco-Schools national operators in Brazil, Mexico, and Denmark.

Sixteen years of educational leadership experience. Strategic collaboration with schools and multisector institutions to design programs, processes, curriculum, workshops and evaluations that impact desired educational, environmental, and economic metrics across multisector priorities. Transferring best researched practices for customized solutions with an equity and sustainability lens.

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**Professional Experience**

  **NJ Audubon** |, NJ 2011 – 2015

 Eco-Schools USA State-wide Education Coordinator (2013- 2015)/ Teacher Naturalist (2011 – 2013)

* + Led education strategy that increased number of registered Eco-Schools USA in New Jersey from 43 to 200.
	+ Developed partnerships with over 40 local, statewide, public and private organizations and corporations including: New Jersey School Boards, Sustainable Jersey, The Cloud Institute for Sustainability Education, Duke Farms, NJ Farm to School, PSE&G and City Green to train approximately 2000 teachers.
	+ Produced 10 statewide professional learning webinars over with participation growing from 25 to 100 (max allowed) participants.
	+ Built and supported development of a network of 200+ NJ schools educating for sustainability
	+ Conducted workshop for 110 Taiwanese teachers, administrators and professors on collaborative project-based learning aligned with United Nations sustainable development goals.
	+ Communicated effectiveness of programs to funders
	+ Applied sustainable program design for continued funding and results aligned with local school, national educational policy, nonprofit, and funder priorities.
	+ Coordinated initial “needs” phase for Eco-Schools grants in partnership with National Wildlife Federation
	+ Led delegation of 6 teachers from USA to learn with 110 Taiwanese teachers, administrators and professors and environmental Professionals in Taiwan.
	+ Presented on programming process and results to the Taiwanese Environmental Protection Ministry.
	+ Designed systems outreach and communication strategy between schools, parents, and municipalities.
	+ Designed and implemented curriculum for play-based K-8 Nature day Camps.

  **Teach for America/ Chicago Public and Charter School Teacher** | Chicago, IL 2004- 2006

 Librarian, K- 8th Grade (2005- 2006)/ Teacher- Self Contained 4th Grade (2004-2005)

* + Designed long-term plans that lead to 90% master of Illinois curricular standards in all 23 classes.
	+ Implemented play-based, experiential learning with Chicago Foundation of Education Grant to create units grounded in big ideas, enduring understandings, guiding questions, long-term curricular goals.
	+ Utilized best practices for classroom management systems and procedures.

**Education**

**Educational Leadership, Policy and Management (Ed.S.)**; Seton Hall University | South Orange, NJ; 2014

**Masters in the Art of Teaching (M.A.T.)**; Dominican University | Forest Park, IL; 2006

**Bachelors in Literature, Arts, and Sciences (B.A.)**; University of Michigan | Ann Arbor, MI; 2004

**Awards/ Recognitions**

2020 North American Association for Environmental Education Conference Presenter

2020 Leaders for Educational Equity People of Color Fellowship

2020 [USGBC + Magazine Feature Living Standard](http://plus.usgbc.org/living-standard-research-shows-storytelling-advances-the-sustainability-conversation/) research show storytelling advances the sustainability conversation

2020 [USGBC + Living Standard Storigen Feature](https://livingstandard.org/storigins/) and [video](https://vimeo.com/384652435)

2020 Presenter National Green Schools Conference- [Advancing Green Schools through the lens of Equity and Justice](http://greenschoolsconference.org/#sessions)

2019 Presenter North American Association for Environmental Education Conference- Skill Building for Equity and Justice in the Conservation Field

2019 POCACITO Fellowship, Ecologic Institute, Germany (Post-Carbon Communities of Tomorrow)

2019 Presenter NASA GLOBE Conference- Combating Social Injustice with Science

2018 Innovative Problem-Solver, National Wildlife Federation

2016 Community Spirit Building and Innovation, National Wildlife Federation

2014 Cloud Institute for Sustainability Advanced Certification

2011 Praxis Award of Excellence (top 5%)

2004 Teacher of the month, Spencer Math and Science Academy

**Volunteer Leadership**

2019- Present: US Green Building Council and National Green School Network Conference Steering Committee

2018- 2020: Michigan United Conservation Corps (MUCC) Youth and Education Committee

2015- 2020: National Wildlife Federation Diversity, Equity, Inclusion, and Justice (DEIJ) Committee

2016- 2020: Women in Conservation Leadership Summit DEIJ Committee

**Publications**

2019 [Eco-Schools USA School Handbook](https://www.nwf.org/-/media/Documents/PDFs/Eco-Schools/Handbook-October2017/Handbook-2017.ashx?la=en&hash=D3CB384FE961170D433F224850D33A75E7EC0E3E)

2019 [Eco-Green Program Impact Report](https://eco-green.nwf.org/annual-report-2019/)

2019 [Eco-Green Program Learning and Leadership Development](https://eco-green.nwf.org/annual-report-2019/)
2015 Curriculum Developer [Engaging Students and Teachers in Ecological Solutions to Coastal Community Hazards](https://www.nj.gov/dep/seeds/bescch/2_credits.htm)

2014 New Jersey School Boards STEM and Environment Guidebook

2014 Subject Matter Expert for [New Jersey School Boards Sustainable Schools Guidebook](https://www.njsba.org/services/sustainability/njssp-guidebook/subject-matter-experts/)