

# Oleksii Dubovyk

*Ph.D. Student in Ecological Sciences*

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## Education

### Degrees

- Aug 2023 – **Doctor of Philosophy in Ecological Sciences**, *Old Dominion University*, Norfolk, Virginia, USA, *GPA 3.87*  
present Coursework included Mathematical Statistics, Introduction to Data Science and Analytics, Modern Statistical Methods for Big Data Analytics
- Aug 2020 – **Master of Science in Biology**, *Old Dominion University*, Norfolk, Virginia, USA, May 2023 *GPA 4.00*  
Coursework included Modeling and Simulation in the Life Sciences, GIS in the Life Sciences, Theory of Statistics
- Sep 2019 – **Master's degree in Biology**, *Ivan Franko National University of Lviv*, Lviv, Ukraine, Dec 2022 *GPA 4.00 (With Honors)*  
*Qualification Project*: Distribution of breeding birds' diversity and rare species along an urban gradient in parks and forests of Lviv  
*Specialization*: Zoology
- Sep 2015 – **Bachelor's degree in Biology**, *Ivan Franko National University of Lviv*, Lviv, Ukraine, Jun 2019 *GPA 3.69 (With Honors)*  
*Specialization*: Teacher of Biology and Chemistry. Laboratory engineer in the field of biology

### Training

**Collaborative Institutional Training Initiative**, *Old Dominion University*, Norfolk, VA, USA (online)

- Reducing Pain and Distress in Laboratory Mice and Rats (2023)
- Wildlife Research (2022)
- OSHA Bloodborne Pathogens (2022)
- NIH Recombinant DNA (rDNA) Guidelines (2022)
- Investigators, Staff and Students (2022)
- Conflicts of Interest (2022)
- Training for Investigators, Staff and Students Handling Biohazards (2020)
- Biomedical Responsible Conduct of Research (2020)

**LinkedIn Learning**, *Old Dominion University*, Norfolk, VA, USA (online)

- Raspberry Pi Essential Training (2022)
- Building Data Apps with R and Shiny (2022)
- Code Clinic: R (2022)
- R Essential Training Part 2: Modeling Data (2022)
- SQL Essential Training (2022)

**Faculty and Instructor Sexual Harassment Training**, *Old Dominion University*, Norfolk, Virginia, USA, 2023

**Workshop on Quantitative Methods for Population Dynamics in R**, *French National Centre for Scientific Research*, Paris, France (online), 2022

**Python 3 Programming Specialization**, *University of Michigan (via Coursera)*, Norfolk, VA, USA (online), 2020

**Geographic Information Systems and Protected Areas Workshop**, *SCGIS Ukraine*, Kharkiv, Ukraine, 2020

**Introduction to Calculus**, *University of Sidney (via Coursera)*, Lviv, Ukraine (online), 2020

**General Principles of Statistics**, *Bioinformatics Institute*, Saint Petersburg, Russian Federation (online), 2018

**Data Analysis in R**, *Bioinformatics Institute*, Saint Petersburg, Russian Federation (online), 2018

**BirdID**, *Nord University*, Lviv, Ukraine, 2017

Exam on sight and sound identification of birds (national level – Ukraine)

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## Dissertation

pending approval

Title *Environmental filtering of avian communities by urban disturbance*  
Committee Dr. Eric L. Walters (advisor)

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## Master thesis

2023

Title *The spatial and temporal changes of functionally rare landbird species in North America relative to urbanized areas*  
Committee Dr. Eric L. Walters (advisor), Dr. Wesley M. Hochachka, Dr. Kent E. Carpenter

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## Professional Experience

### Vocational

Aug 2022 – present **Graduate Teaching Assistant**, *Department of Biological Sciences, Old Dominion University*, Norfolk, VA, USA

Courses taught:

- BIOL336 Vertebrate Zoology Lab (Spring 2023)
- BIOL124N General Biology for Non-Majors II Lab (Fall 2022)

- Aug 2019 – **Biologist**, "Roztochia" Nature Reserve, Ivano-Frankove, Lviv region, Ukraine, (part-time)  
 Jul 2020
- monitoring of populations of vertebrates
  - use of trail cameras for wildlife monitoring
- May 2020 **Field Ornithologist**, Zoological Museum, Ivan Franko National University of Lviv, Lviv, Ukraine  
 A part of the Polish-Ukrainian effort on evaluation of the population of the Great Snipe *Gallinago media*
- Jun 2018 – **Researcher (volunteer)**, West-Ukrainian Ornithological Society, Lviv, Ukraine
- Feb 2019
- field data collection on bird migration over Polonyna Borzhava mountain ridge (Ukrainian Carpathians)
  - data analysis and writing research reports
  - prediction of bird mortality due to collisions with a proposed wind farm
- Aug 2016 **Bird Banding Assistant**, West-Ukrainian Ornithological Station, Cholgyny Ornithological Reserve, Lviv region, Ukraine
- Aug 2015 **Bird Banding Assistant**, West-Ukrainian Ornithological Station, Cholgyny Ornithological Reserve, Lviv region, Ukraine
- Aug 2014 **Bird Banding Assistant**, West-Ukrainian Ornithological Station, Cholgyny Ornithological Reserve, Lviv region, Ukraine
- Miscellaneous**
- Dec 2020 – **Translator**, Christian Medical Association, USA/Ukraine  
 present Mediation between hospitals in Ukraine and charity organizations in the U.S. willing to provide medical training to nurses treating war victims in Ukraine
- Jun 2022 – **Information Table Volunteer**, Ukrainian Canadian Congress, Toronto, Canada
- Aug 2022 Humanitarian and informational assistance to people fleeing Russian military invasion of Ukraine

## Skills

	Level	Skill	Years	Comment
Languages	■■■■■	English	5	TOEFL iBT (2019)
	■■■■■	Ukrainian		Native
	■■■■■	Russian		Native (prefer not to speak)
	■□□□□	Polish	1	Sufficient for understanding
Programming	■■■■■	R	5	With extensive usage of tidyverse
Languages	■■■□□	Python	2	
	■■□□□	LATEX	1	
	■□□□□	Bash	1	
	■□□□□	SQL	<1	
	■□□□□	NetLogo	2	
	■□□□□	JavaScript	3	Limited usage within Google Earth Engine
OS	■■■■■	Windows	12	Daily use

Software	■■■■■	Linux	2	<i>Occasional use in cloud computing</i>
	■■■■■	Raspberry Pi OS	1	<i>Superficial experience with electronics</i>
	■■■■■	ArcGIS	2	
	■■■■■	QGIS	4	

## Methods

Statistical Analysis	I am well familiar with basic statistical approaches including simple and multivariate linear and polynomial regression (including testing for assumptions of linear regression), analysis of variance, generalized linear models, generalized additive models, mixed-effect models. I implement a permutational approach whenever it is feasible over conventional parametric paradigms. Fields of clustering algorithms (i.e., K-nearest neighbors) and dimension reduction (i.e., principal component analysis) are also familiar to me, while I am eager to improve my knowledge of Markov chains and Bayesian approaches.
Data Management	Handling large datasets (i.e., millions of observations and more) is common in my line of work, especially when considering big citizen-science datasets on biological diversity. Yet, I am still to improve my skills in handling data files that are larger than typical random-access memory volume without dataset-specific software (e.g., R package auk for eBird).
Agent-Based Modeling	My experience with agent-based modeling is somewhat limited to writing simple models in R describing collision risk of directional bird movement in a three-dimensional environment containing a wind turbine of a specified geometry; and modeling resource consumption of a biological community that consists of species with different abiotic requirements. Generally, I am capable of writing a spatially explicit model appropriate for a specific biological scenario within a reasonable period of time.
Field Ornithology	My identification skills are not my primary skills so I usually require several days of time to recall identification features of bird species in areas I am familiar with. Yet, I have months of fieldwork behind, and typical sampling using binoculars and/or photo camera is not novel to me. Besides this, I have considerable experience in handling and extracting live birds from mist nets and a very limited record of direct bird banding.
Biological Surveillance	I have an experience of using trail cameras to detect presence large mammals (e.g., badger, deer) within an area of interest, as well as a limited experience with computation related to capture-recapture models and species geographic distribution models (e.g., Wallace).
Spatial Analysis	I am comfortable with extracting large landcover datasets using cloud computing platforms (e.g., Google Earth Engine) and open-source data (e.g., OpenStreetMaps) followed by post-processing in ArcGIS and/or QGIS.

## Publications

- [7] Shydlovskyy, I., Dubovyk, O., Hrynyuk, P., Zahorodnyi, I., & Matejchuk, V. (2021). Avifauna of meadow ecosystems in borderland areas of Lviv and Volyn Oblasts [In Ukrainian]. *GEO&BIO*, 20, 117–134. <https://doi.org/10.15407/gb2012>

- [6] Zahorodnyi, I., Dubovyk, O., Komarnytskyi, I., & Dykyy, I. (2021). Diet of Long-eared Owl and Common Kestrel in an urban landscape (Ukraine). *Ornis Hungarica*, 29(1), 108–119. <https://doi.org/10.2478/orhu-2021-0008>
- [5] Bokotey, A., Dzyubenko, N., & Dubovyk, O. (2020). Representativeness and conservation of bird fauna in the Regional Landscape Park “Stilske Gorbogiria” [In Ukrainian]. *Proceedings of the Forestry Academy of Sciences of Ukraine*, (20), 45–56. <https://doi.org/10.15421/412004>
- [4] Dubovyk, O., Bokotey, A., Pokrytiuk, L., Bodnar, V., Strus, Y., & Ruchko, O. (2020a). Autumn migration of birds over Polonyna Borzhava (Ukrainian Carpathians). *Zoodiversity*, 54(1), 43–52. <https://doi.org/10.15407/zoo2020.01.043>
- [3] Dubovyk, O., Kuzyo, H., & Bokotey, A. (2020b). Density variation in “rare” breeding birds in native forests and urban parks. *GEO&BIO*, 2020(19), 20–31. <https://doi.org/10.15407/gb1904>
- [2] Dubovyk, O. (2019a). Annual dynamics of bird communities in urban parks in Lviv, Ukraine: preliminary analysis of diversity and composition variability. *Studia Biologica*, 13(2), 79–98. <https://doi.org/10.30970/sbi.1302.598>
- [1] Dubovyk, O. (2019d). The observation of the Eurasian Dotterel (*Eudromias morinellus*) in Chornogora mountain ridge (the Ukrainian Carpathians). *Berkut*, 28(1–2), 50–51.

## Conference Papers and Proceedings

- [19] Kuzyo, H., Zhulenko, V., & Dubovyk, O. Lviv Bird Point Counts Scheme: preliminary results of winter avian communities classification and an improvement of methodology. In: *Proceedings of the XV International Young Scientists Conference “Biology: From a Molecule Up to the Biosphere”*. V. N. Karazin Kharkiv National University. Kharkiv, Ukraine, 2021, February.
- [18] Dubovyk, O. Observations of wild mammals in the “Roztochya” Nature Reserve [In Ukrainian]. In: *Materials to the Mammal Atlas of Ukraine. 20. Conservation Biology in Ukraine*. In Ukrainian. Kyiv, Ukraine: I.I. Schmalhausen Institute of Zoology of the National Academy of Sciences of Ukraine, 2021, 107–108.
- [17] Dubovyk, O. Do rare forest species tend to occur within protected areas of the Lviv agglomeration? [In Ukrainian]. In: *Monitoring and Conservation of Biodiversity in Ukraine. Animals. 16. Conservation Biology in Ukraine (2)*. In Ukrainian. Kyiv, Ukraine: I.I. Schmalhausen Institute of Zoology of the National Academy of Sciences of Ukraine, 2020, 73–83.
- [16] Dubovyk, O. The Short-toed Treecreeper *Certhia brachydactyla* in Lviv (Western Ukraine). In: *Troglodytes: Proceedings of the West-Ukrainian Ornithological Society. 9–10*. West-Ukrainian Ornithological Society. Lviv, Ukraine, 2020.
- [15] Dubovyk, O., & Kuzyo, H. Citizen science for gathering the data on the Common Crane's *Grus grus* migration in Ukraine: the first experience. In: *Troglodytes: Proceedings of the West-Ukrainian Ornithological Society. 9–10*. West-Ukrainian Ornithological Society. Lviv, Ukraine, 2020.
- [14] Bokotey, A., Kuzyo, H., & Dubovyk, O. Birds protected by the Red List of Ukraine in fauna of Lviv city [In Ukrainian]. In: *Materials for the 4th edition of the Red List of Ukraine: Animals. 7. Conservation Biology in Ukraine (3)*. In Ukrainian. Kyiv, Ukraine: I.I. Schmalhausen Institute of Zoology of the National Academy of Sciences of Ukraine, 2019, 34–40.
- [13] Kuzyo, H., & Dubovyk, O. Observations of birds protected by the Red List of Ukraine and Resolution #6 of the Berne Convention in National Nature Park “Prypiat-Stokhid” [In Ukrainian]. In: *Materials for the 4th edition of the Red List of Ukraine: Animals. 7. Conservation Biology in Ukraine (3)*. In Ukrainian. Kyiv, Ukraine: I.I. Schmalhausen Institute of Zoology of the National Academy of Sciences of Ukraine, 2019, 208–209.

- [12] Shydlovskyy, I., Dubovyk, O., Strus, Y., & Skyrpan, M. Observations of birds protected by the Red List of Ukraine between 2009 and 2019 [In Ukrainian]. In: In *Materials for the 4th edition of the Red List of Ukraine: Animals. 7. Conservation Biology in Ukraine (3)*. In Ukrainian. Kyiv, Ukraine: I.I. Schmalhausen Institute of Zoology of the National Academy of Sciences of Ukraine, 2019, 332–343.
- [11] Dubovyk, O. Seasonal dynamics of avian community structure in urban greenery in Lviv. In: In *Proceedings of the XV International Scientific Conference "Youth and Progress of Biology"*. 2019, April.
- [10] Dubovyk, O. Species composition of mixed bird flocks in urban greenery of Lviv (Ukraine) during the non-breeding season. In: In *Materials of the Zoological Conference "Fauna on the edge of XX-XXI centuries. State and diversity of ecosystems in protected areas"*. 2019, September.
- [9] Dubovyk, O., Bokotey, A., Pokrytiuk, L., Bodnar, V., & Ruchko, O. Autumn migration of the birds protected by the Red List of Ukraine over Polonyna Borzhava (Ukrainian Carpathians) [In Ukrainian]. In: In *Materials for the 4th edition of the Red List of Ukraine: Animals. 7. Conservation Biology in Ukraine (3)*. In Ukrainian. Kyiv, Ukraine: I.I. Schmalhausen Institute of Zoology of the National Academy of Sciences of Ukraine, 2019, 125–126.
- [8] Dubovyk, O., Skyrpan, M., & Zahorodnyi, I. Regional Landscape Park "Stilske Gorbogiria" – area that is important for breeding, wintering, and migration of rare bird species [In Ukrainian]. In: In *Materials for the 4th edition of the Red List of Ukraine: Animals. 7. Conservation Biology in Ukraine (3)*. In Ukrainian. Kyiv, Ukraine: I.I. Schmalhausen Institute of Zoology of the National Academy of Sciences of Ukraine, 2019, 127–130.
- [7] Dubovyk, O. Habitat factors associated with the variability of structure and species composition of breeding bird communities in urban greenery in Lviv [In Ukrainian]. In: In *Proceeding of the XIII International Young Scientists Conference "Biology: From a Molecule Up to the Biosphere"*. In Ukrainian. Kharkiv, Ukraine: V. N. Karazin Kharkiv National University, 2018, November, 199–201.
- [6] Dubovyk, O. The importance of urban greenery in Lviv for preserving biodiversity among birds in city [In Ukrainian]. In: In *Proceeding of the Scientific Conference "State and biodiversity of ecosystems of Shatsk National Nature Park and other protected areas"*. In Ukrainian. Lviv, Ukraine: Ivan Franko National University of Lviv, 2018, September, 48–51.
- [5] Dubovyk, O. Winter bird assemblages in urban greenery in Lviv, Ukraine. In: In *Proceeding of the XIV International Scientific Conference "Youth and Progress of Biology"*. Lviv, Ukraine: Ivan Franko National University of Lviv, 2018, April, 181.
- [4] Dubovyk, O. Structure of winter bird assemblages in green urban areas in Lviv [In Ukrainian]. In: In *Troglodytes: Proceedings of the West-Ukrainian Ornithological Society. 7*. In Ukrainian. Lviv, Ukraine: West-Ukrainian Ornithological Society, 2017, 43–51.
- [3] Dubovyk, O., & Kuzyo, H. Comparison of avian communities in cemeteries and urban parks of Lviv [In Ukrainian]. In: In *Proceeding of the Scientific Conference "State and biodiversity of ecosystems of Shatsk National Nature Park and other protected areas"*. In Ukrainian. Lviv, Ukraine: Ivan Franko National University of Lviv, 2017, September, 34–38.
- [2] Dubovyk, O., & Kuzyo, H. Point count method in studying winter bird assemblages of urbanized biotopes [In Ukrainian]. In: In *Proceeding of the XIII International Scientific Conference "Youth and Progress of Biology"*. In Ukrainian. Lviv, Ukraine: Ivan Franko National University of Lviv, 2017, April, 152.

- [1] Kuzyo, H., & Dubovyk, O. Avifauna of areas with different land use in Lviv suburbs [In Ukrainian]. In: In *Proceeding of the the Scientific Conference "State and biodiversity of ecosystems of Shatsk National Nature Park and other protected areas"*. In Ukrainian. Lviv, Ukraine: Ivan Franko National University of Lviv, 2016, September, 49–53.

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## Fellowships and Grants

- Feb 2023 **Larry Zeleny Research Grant**, *North American Bluebird Society*, Norfolk, VA, USA, \$1,650  
Variation in predation risk for cavity-nesting bird species along an urban gradient
- Nov 2021 **Travel Grant**, *International Student Advisory Board at Old Dominion University*, Norfolk, VA, USA, \$100  
For participation in the International Congress for Conservation Biology 2021
- Mar 2021 **Small Equipment Grant**, *IdeaWild*, Fort Collins, CO, USA, \$350  
The effects of urbanization on forest avian assemblage's structure
- Aug 2020 – May 2022 **Fulbright Graduate Student Program**, *U.S. Department of State*, New York, NY, USA, \$38,517
- Jun 2019 **Small Field Biology Grant**, *Dovkolobotanika*, Kyiv, Ukraine, UAH 10,500  
Factors affecting the structure of forest birds' assemblages

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## Awards and Honors

- Jan 2022 **Student Membership Award**, *American Ornithological Society*, Norfolk, VA, USA
- Nov 2021 **3MT (Three-minute thesis) competition**, *Old Dominion University*, Norfolk, VA, USA, Finalist  
Rare, distinct, not yet extinct: unique birds and where to protect them
- Nov 2021 **Graduate Map Competition**, *2021 GIS Day at Old Dominion University*, Norfolk, VA, USA, 2nd prize  
Mapping the functional rarity of birds across the continent
- Apr 2019 **Best Presentation**, *International Zoological Conference "Ukrainian fauna on the verge of XX-XXI century. Status and biodiversity of ecosystems of protected areas"*, Lviv, Ukraine, 2nd prize  
Species composition of mixed bird flocks in urban greenery of Lviv (Ukraine) during the non-breeding season
- Sep 2019 **Best Student Oral Report in Zoology Section**, *XV International Scientific Conference for Students and PhD Students "Youth and Progress of Biology"*, Lviv, Ukraine, 1st prize  
Seasonal dynamics of avian community structure in urban greenery in Lviv
- Nov 2018 **Best Oral Report**, *XIII International Young Scientists' Conference "Biology: from a molecule up to the biosphere"*, Kharkiv, Ukraine, 1st prize  
Habitat factors associated with the variability of structure and species composition of breeding bird communities in urban greenery in Lviv



- Nov 2017 **Best Student Oral Report in Zoology Section**, *XIII International Scientific Conference for Students and PhD Students "Youth and Progress of Biology"*, Lviv, Ukraine, 2nd prize  
Point count method in studying winter bird assemblages of urbanized biotopes
- Apr 2015 **Best Science Project in Zoology and Botany**, *National Ukrainian Competition of Scientific Research Works of Students-Members of the Minor Academy of Sciences of Ukraine*, Kyiv, Ukraine, 3rd prize  
Biotopic distribution of wintering birds in Lviv and outskirts

## Presentations, Seminars, and Meetings

- [18] Dubovyk, O., C. Wei, and M. Shiri. 2022. Where's Birdo: identifying bird hotspots in Hampton Roads (VA) using citizen science data. **Poster Presentation** for the 24th Annual Tidewater Student Research Poster Session (Nov 18, 2022, Christopher Newport University, Newport News, Virginia, USA).
- [17] Dubovyk, O., C. Wei, and M. Shiri. 2022. Predicting patterns of diversity and occurrence of birds across Hampton Roads. **Presentation** for the Hampton Roads Datathon (Sep 16, 2022, Civic Lab Norfolk, Norfolk, Virginia, USA).
- [16] Dubovyk, O. 2022. Bird species rarity as an indicator of their regional functional distinctiveness. **Poster Presentation** for the Biology Graduate Student Organization Spring Symposium 2022 (Apr 2, 2022, Old Dominion University, Norfolk, Virginia, USA).
- [15] Dubovyk, O. 2021. Rare, distinct, not yet extinct: unique birds and where to protect them. **Talk** for the Three-Minute Thesis Competition (Nov 30, 2021, Old Dominion University, Norfolk, Virginia, USA).
- [14] Dubovyk, O. 2021. High densities of protected areas predict a decrease in regional functional rarity among North American avian communities. **Presentation** for the 30th International Congress for Conservation Biology (Dec 13-17, 2021, Society for Conservation Biology, Kigali, Rwanda (online)).
- [13] Dubovyk, O. 2021. Mapping the functional rarity of birds across North America. **Poster Presentation** for Graduate Map Competition at 2021 GIS Day (Nov 19, 2021, Old Dominion University, Norfolk, Virginia, USA).
- [12] Dubovyk, O. 2021. Agent-based modeling of birds' collisions with wind turbines. **Invited Talk** for Zoological Club (May 6, 2021, Ivan Franko National University of Lviv, Lviv, Ukraine (online)).
- [11] Dubovyk, O. 2020. An overview of species abundance distribution models. **Invited Talk** for Zoological Club (Nov 26, 2020, Ivan Franko National University of Lviv, Lviv, Ukraine (online)).
- [10] Dubovyk, O. 2020. Patterns of diversity-sample size relationship on the example of winter bird community in the "Roztochya" Nature Reserve. **Presentation** for the XVI International Scientific Conference "Youth and Progress of Biology" (Apr 27-29, 2020, Ivan Franko National University of Lviv, Lviv, Ukraine)).
- [9] Dubovyk, O. 2020. Diversity levels as a function of species dominance within a community and its dependence on sample size. **Departmental Seminar** for Department of Zoology (Mar 5, 2020, Ivan Franko National University of Lviv, Lviv, Ukraine).
- [8] Dubovyk, O. 2019. Species composition of mixed bird flocks in urban greenery of Lviv (Ukraine) during the non-breeding season. **Presentation** for the Zoological Conference "Fauna on the edge of XX-XXI centuries. State and diversity of ecosystems in protected areas" (Sep 12-15, 2019, Shatsk National Nature Park, Lviv and Shatsk, Ukraine).
- [7] Dubovyk, O. 2019. Seasonal dynamics of avian community structure in urban greenery in Lviv.



**Poster Presentation** for the XV International Scientific Conference “Youth and Progress of Biology” (Apr 9-10, 2019, Ivan Franko National University of Lviv, Lviv, Ukraine).

- [6] Dubovyk, O. 2018. Habitat factors associated with the variability of structure and species composition of breeding bird communities in urban greenery in Lviv. **Presentation** for the XIII International Young Scientists Conference “Biology: From a Molecule Up to the Biosphere” (Nov 28-30, 2018, V. N. Karazin Kharkiv National University, Kharkiv, Ukraine).
- [5] Dubovyk, O. 2018. The importance of urban greenery in Lviv for preserving biodiversity among birds in city. **Presentation** for the Scientific Conference “State and biodiversity of ecosystems of Shatsk National Nature Park and other protected areas” (Sep 13-16, 2018, Shatsk National Nature Park, Shatsk, Ukraine).
- [4] Dubovyk, O. 2018. Winter bird assemblages in urban greenery in Lviv, Ukraine. **Presentation** for the XIV International Scientific Conference “Youth and Progress of Biology” (Apr 10-12, 2018, Ivan Franko National University of Lviv, Lviv, Ukraine).
- [3] Dubovyk, O., and H. Kuzyo. 2017. Comparison of avian communities in cemeteries and urban parks of Lviv. **Presentation** for the Scientific Conference “State and biodiversity of ecosystems of Shatsk National Nature Park and other protected areas” (Sep 7-10, 2017, Shatsk National Nature Park, Shatsk, Ukraine).
- [2] Dubovyk, O., and H. Kuzyo. 2017. Point count method in studying winter bird assemblages of urbanized biotopes. **Presentation** for the XIII International Scientific Conference “Youth and Progress of Biology” (Apr 25-27, 2017, Ivan Franko National University of Lviv, Lviv, Ukraine).
- [1] Kuzyo, H., and O. Dubovyk. 2016. Avifauna of areas with different land use in Lviv suburbs. **Presentation** for the Scientific Conference “State and biodiversity of ecosystems of Shatsk National Nature Park and other protected areas” (Sep 8-11, 2016, Shatsk National Nature Park, Shatsk, Ukraine).

## Service

### Professional Service

Feb 2019 – **Secretary / Board Member**, *West-Ukrainian Ornithological Society*, Lviv, Ukraine  
Aug 2020

### Peer Reviewer

- Urban Forestry & Urban Greening (3)

## Outreach Events

- [3] Scholar's Day: Zoology Labs, *Department of Biological Sciences at Old Dominion University*, 11 Feb 2023
- [2] Open House Event: General Biology Labs, *Department of Biological Sciences at Old Dominion University*, 19 Nov 2022
- [1] "Bird Point Count in Lviv", *Suspilne Radio Lviv*, 9 Dec 2019

## Membership in Professional Societies

2023 – **Wilson Ornithological Society**, USA  
present  
2022 – **Animal Behavior Society**, USA  
present

2022 – **American Ornithological Society**, *USA*  
present

2021 – **Biology Graduate Student Organization**, *Old Dominion University*, Norfolk, VA,  
present USA

2015 – **West-Ukrainian Ornithological Society**, *Lviv, Ukraine*  
present

2015 – **Ukrainian Society for the Protection of Birds (BirdLife International Chapter)**,  
present *Kyiv, Ukraine*

Latest update: Feb 12, 2023