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CURRICULUM VITAE

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Current professional responsibilities:

- Scientific coordinator of wildlife and plant conservation planning for the Israel Nature and Parks Authority, in charge of endangered species conservation, invasive species management and human-wildlife conflict mitigation.
- Scientific consultant for the Israel Nature and Parks Authority on noise and light pollution abatement in protected areas.
- Israel representative EUROBATS advisory committee; member of CMS Energy Task Force, IUCN SSC Bat specialist group, IUCN SSC Vulture specialist group. Scientific coordinator of the IDA certified "Ramon Crater International Dark Sky Park".

Education

- 1996 - 2002** Ph.D. in Zoology. Department of Zoology, Tel-Aviv University, Tel-Aviv, Israel.
1993 -1996 M.Sc. in Ecology and Environmental Studies. Department of Zoology, Tel-Aviv University, Tel-Aviv, Israel.
1990 -1993 B.Sc. in Biology. Faculty of Life sciences, Tel-Aviv University, Tel-Aviv, Israel.

Positions Held

- 2007- Head of Ecology Department, Division of Science & Conservation, Israel Nature and Parks Authority (INPA).
2004 -2007 Postdoctoral Fellow. Department of Zoology, Tel-Aviv University, Tel-Aviv, Israel.
2002 -2004 Postdoctoral Fellow. Laboratory of Animal Behavior and Field Research Center, Rockefeller University, New York, USA.
1995- 2007 Teaching position. Department of Life Sciences, The Open University of Israel, Tel-Aviv, Israel.
1994 -2001 Teaching position. Department of Zoology, Tel-Aviv University, Tel-Aviv, Israel.

Peer-reviewed publications (past 10 years)

1. Tadmor-Levi, R; Feldstein-Farkash, T; Milstein, D; Golani, D; **Leader, N**; Goren, M; David, L. 2023 (submitted). Revisiting the species list of freshwater fish in Israel based on DNA barcoding". *Ecology and Evolution*.
2. **Leader N**, Turkozan O & Levy. 2023 (submitted). Artificial light at night on nesting beaches of the green sea turtle, *Chelonia mydas*, in the eastern Mediterranean and its possible effect on populations. *Ocean and Coastal Management*.
3. Salomon A, Kozhoridze G, Shochat E, Magen I, Naveh I, **Leader N**, Tsoar A, & Ovadia O. 2022.. Bird eggs or wheat: Assessing the impact of an overabundant crow species in a landscape mosaic in the Negev desert of Israel. *Journal for Nature Conservation* 70.
4. Barocas A, Hefner R, Ucko M, Shalmon B, **Leader N**. & Geffen E. 2022. Ruppell's fox movement and spatial behavior are influenced by topography and human activity. *Biodiversity and Conservation* 31, 1345–1357.
5. Horovitz, R, Chen R, Golan R, **Leader N**, et al. 2020. Three years after extensive pollution in Nahal Ashalim - assessment of the situation according to the monitoring plan. *Ecology & Environment* 11 (in Hebrew).
6. Levy Y., Keren T., **Leader N.**, Weil G., Tchernov D. & Rilov G. 2017. Spatiotemporal hotspots of habitat use by loggerhead (*Caretta caretta*) and green (*Chelonia mydas*) sea turtles in the Levant basin as tools for conservation. *Mar Ecol Prog Ser* 575: 165–179.
7. Bar-Yosef J., Rotem D., **Leader N.**, Tsoar A., Sabah, A. & Steintz O. 2017. There is life around the Dead Sea – Long-term research and monitoring projects. *Ecology & Environment* 8: 311-312 (in Hebrew).
8. Milstein D., Uzan A., Hazan E., **Leader N.**, Sabah A., Nesher R. & Keshet N. 2017. Creation of wetland habitat and ecosystems at the Einot Tzugin Nature Reserve as a tool for biodiversity conservation. *Ecology & Environment* 8: 354-360 (in Hebrew).
9. Shkedy, Y., Artzi, Y, **Leader, N.** & Hatzofe O. 2013. The decrease of fish stocks in the Sea of Galilee - a result of the instability of the system and not of the activity of cormorants. *Ecology & Environment* 4: 32-37 (in Hebrew).

Professional Reports (past 10 years)

1. **Leader, N.** (editor), Artzi, Y., Goldstein, H., Dolev, A., Hatzofe, O., Yidov, S., Levy, Y., Milstein, D., Mayrose, A., Malihi, Y., Nathan, M., Sabah, A., Siegel, Z., Sinai, Y., Federman, R., Polak, T., Pasternak, A., Tsoar, A., Columbus, A. & Keren-Rotem, T. 2022. The State of Wildlife in Israel: Estimating the Size of Selected Populations of Vertebrate Species and Assessing Their Trends, Report of the Decade 2020. Nature Conservation Reports. Published by the Israel Nature and Parks Authority (in Hebrew with English summary).
2. Barkan L. Vatin D. Nissenbaum I. Trachtenbrot A. Ben-Ari S. **Leader N.** & Rothschild A. 2022. Planning for mitigating light pollution from infrastructure. *Ecology & Environment* 4: 32-37 (in Hebrew).
3. Shahal R. Pasternak A. Dolev A. & **Leader N.** 2021. Annual Eurasian Otter (*Lutra lutra*) survey for the year 2021. Report of the Israel Nature & Parks Authority and Mammal Center, Society for Protection of Nature in Israel (in Hebrew).
4. **Leader N.** & Levy Y. 2021. Artificial light at night on nesting beaches of the green sea turtle, *Chelonia mydas* in the eastern Mediterranean and its possible effect on turtle populations. Report of the Israel Nature & Parks Authority to the IUCN Mediterranean Sea Turtle Specialist Group.
5. **Leader N.** 2020. Conservation action-plan for the turtle dove *Streptopelia turtur* in Israel. Publication of the Division of Science & Conservation, Israel Nature and Parks Authority (in Hebrew).
6. Shahal R. Yedov S. Dolev A. & **Leader N.** 2020. Annual Eurasian Otter (*Lutra lutra*) survey for the year 2020. Report of the Israel Nature & Parks Authority and Mammal Center, Society for Protection of Nature in Israel (in Hebrew).

7. **Leader N.** 2020. Israel coastline light pollution survey during the Covid-19 lockdown. Publication of the Division of Science & Conservation, Israel Nature and Parks Authority (in Hebrew).
8. Kerem D, Aizenberg I, Biton E, Brokovich E, Diamant R, Goldman R, Herut B, **Leader N**, Levy Y, Lippman S, Nissim I, Talor O & Zurel D. 2020. A mass stranding event of sea turtles on the coast of Israel during 2018-19 winter -Final report. Report of the Ministry of Energy, Israel Nature and Parks Authority and the Ministry of Environmental Protection.
9. Voigt, C.C, C. Azam, J. Dekker, J. Ferguson, M. Fritze, S. Gazaryan, F. Hölker, G. Jones, **N. Leader**, D. Lewanzik, H.J.G.A. Limpens, F. Mathews, J. Rydell, H. Schofield, K. Spoelstra, M. Zagnajster 2018: Guidelines for consideration of bats in lighting projects. EUROBATS Publication Series No. 8. UNEP/EUROBATS Secretariat, Bonn, Germany, 62 pp.
10. Mayrose A., Vine G., Labinger Z., Hatzofe O., Haviv E., Perlman Y., Alon D. & **Leader N.** 2017. The Israel Red Book Of Birds. Israel Nature & Parks Authority and the Society for Protection of Nature in Israel. <https://redlist.parks.org.il/aves/>.
11. **Leader N.** & Rotem G. 2017. Ramon Crater International Starlight Reserve: International Dark-Sky Park Designation Nomination Package. Submitted to International Dark Sky Association.
12. **Leader N.** 2017. Scientific revision of the Israel Nature & Parks Authority policy on live imports of ornamental marine aquarium species to prevent invasive species. Publication of the Division of Science & Conservation, Israel Nature and Parks Authority (in Hebrew).
13. **Leader N.** (editor) 2017. Sensitivity mapping of endangered birds and bats for planning of wind energy projects in Israel. Publication of the Division of Science & Conservation, Israel Nature and Parks Authority (in Hebrew).
14. Labin, T., et al. 2016. Light Pollution and measures to mitigation. Summary and Conclusions of an expert committee. Report of the Israel Society of Ecology and Environmental Sciences (in Hebrew).
15. **Leader N.** & Shkedy Y. 2016. Establishing mortality thresholds for endangered birds and bats for planning of wind energy projects in Israel. Publication of the Division of Science & Conservation, Israel Nature and Parks Authority (in Hebrew).
16. **Leader N.**, Rotem D., Volchek M. & Talbi R. 2015. Plan for Monitoring the Impact of the Fuel Leak on the Evrona Nature Reserve Ecosystem. Publication of the Division of Science & Conservation, Israel Nature and Parks Authority (in Hebrew).
17. Amichai E., Yidov S., Dolev A., Sabah A., Malihi, Y., Tsoar A., Talbi R, & **Leader N.** 2014. National Monitoring Plan for Israel's Bat Species: Insectivorous bat survey in Israel 2014. Publication of the Division of Science & Conservation, Israel Nature and Parks Authority (in Hebrew).
18. Amichai E., Yidov S., Dolev A., Sabah A., Malihi, Y. & **Leader N.** 2013. National Monitoring Plan for Israel's Bat Species: Insectivorous bat survey in Israel 2013. Publication of the Division of Science & Conservation, Israel Nature and Parks Authority (in Hebrew).
19. **Leader, N.**, Malichi, Y. & Levy, Y. 2013. Underwater seismic surveys and sea turtle mortality in the coastal waters of Israel. Publication of the Division of Science & Conservation, Israel Nature & Parks Authority (in Hebrew).
20. **Leader N.** 2013. Scientific revision of the Israel Nature & Parks Authority policy on live imports of avian species to prevent invasive species – establishing Risk assessment methodology. Publication of the Division of Science & Conservation, Israel Nature & Parks Authority (in Hebrew).