Gopal Murali

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PROFESSIONAL SUMMARY

I am a macroecologist and global change biologist specializing in terrestrial systems, with over a decade of international research experience in India, Israel, and the United States. I integrate global biodiversity datasets, on-the-ground fieldwork, and predictive modelling to uncover the drivers of biodiversity patterns and forecast species' responses to human-driven environmental change across scales. I have published as first author in Nature, Nature Climate Change, and Science Advances, and have co-authored studies published in leading journals in ecology, evolution, and conservation. My research has informed global biodiversity assessments and policy, and has been communicated widely through international media coverage.

CURRENT APPOINTMENT

2024 (Oct) DST-INSPIRE Faculty Fellow (2024-2029), Center for Ecological Sciences (CES), Indian Institute of Science, Bengaluru, India.

PAST APPOINTMENTS

2022-2024 Fulbright-Kalam Postdoctoral Fellow, Department of Ecology and Evolutionary Biology, University of Arizona, Tucson, United States of America.
Advisor: Prof. John J. Wiens.

2019-2022 SIDEER and PBC Postdoctoral Fellow, Mitrani Department of Desert Ecology, Ben-Gurion University of the Negev, Midreshet Ben-Gurion, Israel.
Advisors: Prof. Uri Roll and Prof. Shai Meiri.

EDUCATION

2015-2019 Ph.D. (Thesis defended February 2020) Indian Institute of Science Education and Research Thiruvananthapuram, Thiruvananthapuram, India.
Dissertation: "Evolutionary Ecology of Antipredator Strategies in Motion". Advisor: Prof. Ullasa Kodandaramaiah.

2013-2015 M.S. in Biology, Indian Institute of Science Education and Research Thiruvananthapuram, Thiruvananthapuram, India.

2009-2013 B.Tech. in Bioengineering, The Shanmugha Arts, Science, Technology and Research Academy. SASTRA University, Thanjavur, India.

RESEARCH INTERESTS

Area of specialization: Macroecology, Global Change Biology, Conservation Biology, Biodiversity Informatics, Terrestrial Ecology, and Herpetology.

I am a global change biologist and macroecologist studying how ecological and evolutionary processes shape terrestrial biodiversity, and how anthropogenic drivers are reshaping these patterns across spatial and temporal scales. My research integrates large-scale biodiversity datasets, targeted fieldwork, and mechanistic and statistical modeling to link fundamental theory with applied questions in biodiversity and global change policy. Specifically, I focus on (i) identifying the processes that generate and maintain broad-scale biodiversity patterns, such as biodiversity gradients and trait distributions; (ii) understanding how species and communities are currently reorganizing under environmental change and the mechanisms driving these shifts; (iii) developing predictive models to forecast future biodiversity responses to human-driven environmental change and inform conservation policy.

TECHNICAL SKILLS AND ANALYTICAL EXPERTISE

- *Programming and analysis*: Expert in R; experienced in MATLAB and Python for modeling, data processing, and visualization.
- *Modeling approaches:* Expertise in spatial regression models (SAR), mixed-effects, phylogenetic methods, individual-based and process-based models, including Bayesian inference.
- *Geospatial and computational tools:* Proficient in ArcGIS, remote sensing workflows (e.g., *Terra*, *Raster*, *sf* in R), and HPC for large-scale ecological analyses.
- *Biodiversity data integration:* Extensive experience with global datasets (e.g., GBIF, IUCN, BioTIME, LPI, PREDICTS); skilled in integrating trait (e.g., TetrapodTraits, AVONET, and AmphiBIO), phylogenetic, and climatic data (e.g., CHELSA, WorldClim). Contributed extensively to global reptile range mapping for GARD 2.0 through geospatial analysis, habitat modeling, and data validation.
- *Climate data and downscaling:* Well-versed in ERA5, CRU, and WorldClim datasets (CDS); skilled in downscaling daily climate data to generate high-resolution data.

GRANTS, FELLOWSHIPS, AND HONORS

Total competitive funding awarded: ~$317,500 USD

As principal investigator (total ~$125,000 USD)

- DST-INSPIRE faculty fellowship (2024-2029, ~$125,000 USD) – Awarded by the Department of Science & Technology, Government of India. Competitive national faculty fellowship supporting independent research.

As postdoctoral fellow (total ~$190,000 USD)

- Fulbright-Kalam postdoctoral fellowship (2022-2024, $80,000 USD) – Jointly awarded by the US–India Fulbright Commission.
- The Planning and Budget Committee (PBC) Fellowship Program for Outstanding Chinese and Indian Post-Doctoral Fellows (2020-2022, $70,000 USD) – Prestigious international

fellowship awarded by Israel's Council for Higher Education to only ~50 postdoctoral fellows across disciplines.
- The Swiss Institute for Dryland Environmental and Energy Research fellowship for outstanding postdoctoral fellow (2019-2021; $40,000 USD) – Competitive international postdoctoral fellowship awarded by Ben-Gurion University to outstanding researchers, supporting independent ecological research in dryland systems.

As graduate student (total ~$2500 USD)

- Carl Gans travel grant to attend the 2nd Symposium on Mediterranean Lizards, Israel (2018; $1000 USD)
- International Society of Behavioral Ecology travel grant to attend the 16th International Society of Behavioral Ecology conference, USA (2018; $1500 USD)
- Dean's List (2012-2013), The Shanmugha Arts, Science, Technology and Research Academy, SASTRA University

PUBLICATIONS

ORCID: https://orcid.org/0000-0002-5307-325X
Google Scholar ID: https://scholar.google.com/citations?user=h4lynGcAAAAJ&hl=en
Total citations: 1176; H-index: 16; i10-index:19
Total published papers (*n*=33); under review/in revision (*n*=2)
First-author publications (*n*=18; 59%)

Peer-reviewed journal articles (ordered by year of publication; 2024 JCR Impact Factor; JIF Quartile)

(*) denotes corresponding author; (^) denotes equal contribution

1. **Murali, G**.*, Karger, D., Wiens, J., Temperate local extinctions from climate change are outpacing tropical extinctions. ***Nature Climate Change***. In press. (IF – 31.4; Q1)

2. Yael L., **Murali G.**, Roll, U. and Berger-Tal, O., Effect distances of road traffic noise on wildlife behaviour: A soundscape mapping approach using bird habitat selection. ***People and Nature***. In press. (IF – 4.1; Q1)

3. Vardi, R., **Murali G.**, Caetano, G., Meiri, S. and Roll, U., 2025. Effects of future climate extremes and land use changes on land vertebrates. ***Global Change Biology***. 31(12), p.e70625. Link to paper. (IF – 12; Q1)

4. Caetano, G., **Murali, G**., Pincheira-Donoso, D., Vardi, R., Greenspoon, L., Meiri, S. and Roll, U., 2025. The future-focused Proactive Conservation Index highlights unrecognized global priorities for vertebrate conservation. ***PLOS Biology***. 23(10), p.e3003422. Link to paper. (IF – 7.8; Q1)

5. Lewin, A., **Murali, G.**, Roll, U., Troy, S., and Rachmilevitch, S., 2025. Rethinking desert definitions: bridging the gap between science, policy, and conservation. ***Ambio***. pp.1-12. Link to paper. (IF – 5.8; Q2)

6. Liang, T.^, **Murali, G.^**, Zimin, A., Dembitzer, J., Graboski, R., Roll, U., Meiri, S., 2025. Ecology and biogeography of sexual size dimorphism in squamates. ***Global Ecology and Biogeography***. 34(6), p.e70076. Link to paper. (IF – 6.3; Q1)

7. Liang, T., **Murali, G.**, Wang, P., Ding, G., Xiong, J., Wang, Y., An, J., Borzée, A., Shi, L., 2025. Spatial phylogenetic analysis of Chinese lizards: Insights into ecological drivers and conservation gaps. ***Integrative Conservation***., *4*(3), pp.430-441. Link to paper.

8. Slavenko, A., Cooper., N., Meiri S., **Murali, G.**, Pincheira-Donoso, D., and Thomas, G., 2024. Evolution of sexual size dimorphism in tetrapods is driven by varying patterns of sex-specific selection on size. ***Nature Ecology and Evolution***. 9(9), pp.464-473. Link to paper. (IF – 14.1; Q1).

9. Lewin, A., **Murali, G.**, Rachmilevitch, S. and Roll, U., 2024. Global evaluation of current and future threats to drylands and their vertebrate biodiversity. ***Nature Ecology and Evolution***, 8(8), pp.1448-1458. Link to paper. (IF – 14.1; Q1).

10. Dubiner, S., Aguilar, R., Anderson, R.O., Arenas Moreno, D.M., Avila, L.J., Boada-Viteri, E., Castillo, M., Chapple, D.G., Chukwuka, C.O., Cree, A., Cruz, F.B., Colli, G.R., Das, I., Delaugerre, M.-J., Du, W.-G., Dyugmedzhiev, A., Doan, T.M., Escudero, P., Farquhar, J., Gainsbury, A.M., Gray, B.S., Grimm-Seyfarth, A., Hare, K.M., Henle, K., Ibargüengoytía, N., Itescu, Y., Jamison, S., Jimenez-Robles, O., Labra, A., Laspiur, A., Liang, T., Ludgate, J.L., Luiselli, L., Martín, J., Matthews, G., Medina, M., Méndez-de-la-Cruz, F.R., Miles, D.B., Mills, N.E., Miranda-Calle, A.B., Monks, J.M., Morando, M., Moreno Azocar, D.L., **Murali, G.**, Pafilis, P., Pérez-Cembranos, A., Pérez-Mellado, V., Peters, R., Pizzatto, L., Pincheira-Donoso, D., Plummer, M.V., Schwarz, R., Shermeister, B., Shine, R., Theisinger, O., Theisinger, W., Tolley, K.A., Torres-Carvajal, O., Valdecantos, S., Van Damme, R., Vitt, L.J., Wapstra, E., While, G.M., Levin, E., Meiri, S., 2024. A global analysis of field body temperatures of active squamates in relation to climate and behaviour. ***Global Ecology and Biogeography***. *33*(4), p.e13808. Link to paper. (IF – 6.3; Q1).

11. **Murali, G.***, Kodandaramaiah, U. and Merilaita, S., 2024. Habitat heterogeneity limits prey colour polymorphism maintained via negative frequency-dependent selection. ***Journal of Evolutionary Biology***, *37*(3), pp.274-282. Link to paper. (IF – 2.1; Q3).

12. Raz, T., Allison, A., Avila, L.J., Bauer, A.M., Böhm, M., Caetano, G.H.d.O., Colli, G., Doan, T.M., Doughty, P., Grismer, L., Itescu, Y., Kraus, F., Martins, M., Morando, M., **Murali, G.**, Nagy, Z.T., Nogueira, C.d.C., Novosolov, M., Oliver, P.M., Passos, P., Pincheira-Donoso, D., Sindaco, R., Slavenko, A., Torres-Carvajal, O., Uetz, P., Wagner, P., Zimin, A., Roll, U., Meiri, S., 2024. Diversity gradients of terrestrial vertebrates – substantial variations about a common theme. ***Journal of Zoology***. *322*(2), pp.126-140. Link to paper. (IF – 1.9; Q1).

13. **Murali, G.***, Meiri, S. and Roll, U., 2023. Chemical signaling glands are unlinked to species diversification in lizards. ***Evolution***, *77*(8), pp.1829-1841. Link to paper. (IF – 3.1; Q2).

14. **Murali, G.***, Iwamura, T., Meiri, S. and Roll, U., 2023. Future temperature extremes threaten land vertebrates. ***Nature***, *615*(7952), pp.461-467. Link to paper. (IF – 50.5; Q1).

15. Zimin, A., Zimin, S.V., Shine, R., Avila, L., Bauer, A., Böhm, M., Brown, R., Barki, G., Caetano, G.H.O., Castro Herrera, F., Chapple, D.G., Chirio, L., Colli, G.R., Doan, T.M., Glaw, F., Grismer, L.L., Itescu, Y., Kraus, F., LeBreton, M., Martins, M., Morando, M., **Murali, G.**, Nagy, Z.T., Novosolov, M., Oliver, P., Passos, P., Pauwels, O.S.G., Pincheira-Donoso, D., Ribeiro-Junior, M.A., Shea, G., Tingley, R., Torres-Carvajal, O., Trape, J.-F., Uetz, P., Wagner, P., Roll, U., Meiri, S., A global analysis of viviparity in squamates highlights its prevalence in cold climates. ***Global Ecology and Biogeography*.** 31, no. 12 (2022): 2437 - 2452. Link to paper. (IF – 6.3; Q1).

16. **Murali, G.^,** de Oliveira Caetano^, G.H., Barki, G.^, Meiri, S. and Roll, U., 2022. Emphasizing declining populations in the Living Planet Report. ***Nature,*** 601. *E20-E24.(doi: 10.1038/s41586-021-04165-z)*. Link to paper. (IF – 50.5; Q1).

17. **Murali, G.***, Gumbs, R., Meiri, S. and Roll, U., 2021. Global determinants and conservation of evolutionary and geographic rarity in land vertebrates. ***Science Advances***, *7*(42), p.eabe5582. Link to paper. (IF – 11.7; Q1).

18. Meiri, S., **Murali, G.**, Zimin, A., Shak, L., Itescu, Y., Caetano, G. and Roll, U., 2021. Different solutions lead to similar life history traits across the great divides of the amniote tree of life. ***Journal of Biological Research-Thessaloniki***, *28*, pp.1-17. Link to paper. (IF – 1.9; Q2).

19. **Murali, G.***, Mallick, S. and Kodandaramaiah, U., 2021. Background complexity and optimal background matching camouflage. ***Behavioral Ecology and Sociobiology***, *75*, pp.1-12. Link to paper. (IF –1.9; Q1).

20. **Murali, G.*** and Kodandaramaiah, U., 2020. Size and unpredictable movement together affect the effectiveness of dynamic flash coloration. ***Animal Behaviour***, *162*, pp.87-93. Link to paper. (IF – 2.1; Q1).

21. Kodandaramaiah, U., Palathingal, S., Bindu Kurup, G. and **Murali, G.***, 2020. What makes motion dazzle markings effective against predation?. ***Behavioral Ecology***, *31*(1), pp.43-53. Link to paper. (IF – 2.5; Q1).

22. **Murali, G.***, Kumari, K. and Kodandaramaiah, U., 2019. Dynamic colour change and the confusion effect against predation. ***Scientific Reports***, *9*(1), p.274. Link to paper. (IF – 3.8; Q1).

23. **Murali, G.***, Merilaita, S. and Kodandaramaiah, U., 2018. Grab my tail: evolution of dazzle stripes and colourful tails in lizards. ***Journal of Evolutionary Biology***, *31*(11), pp.1675-1688. Link to paper. (IF – 2.1; Q3).

24. Kodandaramaiah, U.^ and **Murali, G.^**, 2018. What affects power to estimate speciation rate shifts?. ***PeerJ***, *6*, p.e5495. Link to paper. (IF – 2.3; Q2).

25. **Murali, G.***, 2018. Now you see me, now you don't: dynamic flash coloration as an antipredator strategy in motion. ***Animal Behaviour***, *142*, pp.207-220. Link to paper. (IF – 2.1; Q1).

26. **Murali, G.*** and Kodandaramaiah, U., 2018. Body size and evolution of motion dazzle coloration in lizards. ***Behavioral Ecology***, *29*(1), pp.79-86. Link to paper. (IF – 2.5; Q1).

27. Tiatragul, S.^, **Murali, G.^** and Stroud, J.T., 2017. Digest: Different evolutionary dynamics led to the convergence of clinging performance in lizard toepads. ***Evolution***, *71*(10), pp.2537-2538. Link to paper. (IF – 3.1; Q2).

28. **Murali, G.*** and Kodandaramaiah, U., 2016. Deceived by stripes: conspicuous patterning on vital anterior body parts can redirect predatory strikes to expendable posterior organs. ***Royal Society Open Science***, *3*(6), p.160057. Link to paper. (IF – 2.9; Q1).

29. Viswanathan, V., **Murali, G.**, Gandhi, S., Kumaraswamy, P., Sethuraman, S. and Krishnan, U.M., 2014. Development of thioflavin-modified mesoporous silica framework for amyloid fishing. ***Microporous and Mesoporous Materials***, *197*, pp.40-47. Link to paper. (IF – 4.8; Q1)

Natural history notes

1. Melvinselvan, G., Nibedita, D. and **Murali, G.**, 2018. Observations on the reproduction and feeding habit of a rare colubrid, Indian bridal Snake Lycodon nympha Daudin 1803 (Serpentes: Colubridae) from Southern India. ***Captive and Field Herpetology***, *2*(1), pp.16-22.

2. **Murali, G***, and G. Melvinselvan. 2021. Atretium schistosum (Olive Keelback Watersnake). Color polymorphism. ***Herpetological Review*** 52 (1), 146.

3. **Murali, G***. 2022. Use of Guar (*Bos gaurus*) dung as a foraging site by Sarojamma's Leaping Frog (*Indirana sarojamma*). ***Reptiles and Amphibians***. 29(1), 59-60.

4. **Murali, G.*,** 2023. New locality record of Forest Spotted Gecko *Cyrtodactylus* (*Geckoella*) *cf. speciosus* (Beddome,1870) (Reptilia:Squamata:Gekkonidae) from Thanjavur, in the eastern coastal plains of Tamil Nadu, India. ***Journal of Threatened Taxa***. 15(10),pp 24120-24124.

MEDIA COVERAGE

Highlights

My research has attracted significant media attention, with coverage in major news outlets and interviews for popular science platforms such as *The Guardian*, *WION News*, *Sky News*, and *Science by AAAS*. My graduate research was highlighted in a children's book titled *The Secret of the Deceiving Striped Lizard* (ISBN10: 0766086259) and in the *Scientific American 60 seconds podcast*.

Coverage for specific papers

Lewin et al. 2024, ***Nature Ecology and Evolution***. ("Global evaluation of current and future threats to drylands and their vertebrate biodiversity")
Featured in: Eureka Alert, phys.org, The Mirage, and The msn.

Murali et al. 2023, ***Nature***. ("Future temperature extremes threaten land vertebrates")

Featured in: The Guardian, The Telegraph, Mongabay, The Print, and 89 other news outlets. Listed among the top 5% of all articles ever tracked by Altmetrics.

Murali et al. 2021. ***Science Advances***. ("Global determinants and conservation of evolutionary and geographic rarity in land vertebrates")
Featured in: The Jerusalem Post, NewScientist, and Edge of Existence blog.

Murali et al. 2018. ***Journal of Evolutionary Biology***. ("Grab my tail: evolution of dazzle stripes and colourful tails in lizards")
Featured in: Nature India, Research Matters, and Scroll.in.

Murali et al. 2018. ***Behavioral Ecology***. ("Body size and evolution of motion dazzle coloration in lizards")
Featured in: Inside Science, Scroll.in, Listed among top-cited papers for the year 2018-2019.

Murali et al. 2016. ***Royal Society Open Science***. ("Deceived by stripes: conspicuous patterning on vital anterior body parts can redirect predatory strikes to expendable posterior organs")
Featured in: AAAS Science News, Phys.org, Scientific American's 60 Seconds Science Podcast, IFLScience, Mother Nature Network, Scroll.in, Children's book titled 'The Secret of the Deceiving Striped Lizard'(ISBN10: 0766086259).

TEACHING EXPERIENCE

Regularly taught courses (as main instructor)

Macroecology and Macroevolution (S2), Ben-Gurion University of the Negev, Israel (two semesters: 2020 and 2022).

Teaching assistant (graduate TA)

Biological Diversity and Evolution (BIO111), Indian Institute of Science Education and Research Thiruvananthapuram, India. (Two semesters: 2016 and 2018).
Biological Diversity and Evolution laboratory (BIO112), Indian Institute of Science Education and Research Thiruvananthapuram, India. (Two semesters: 2016 and 2018).
Introductory Ecology, Evolution and Behaviour (BIO211), Indian Institute of Science Education and Research Thiruvananthapuram, India. (Two semesters: 2016 and 2018).
Introductory Ecology, Evolution and Behaviour laboratory (BIO212), Indian Institute of Science Education and Research Thiruvananthapuram, India. (Two semesters: 2016 and 2018).

STUDENT MENTORING

*****Mentoring included project development, analysis, visualization, writing, and publication.

Postgraduate level (*n*=3)

1. Shuaib Palathingal, (IISER Thiruvananthapuram)
Publication: Kodandaramaiah, U., **Palathingal, S.,** Bindu Kurup, G., and Murali, G., 2020. ***Behavioral Ecology.*** ("What makes motion dazzle markings effective against predation?")

2. Soumen Mallick, (IISER Thiruvananthapuram)
Publication: Murali, G., **Mallick, S.,** and Kodandaramaiah, U., 2021. ***Behavioral Ecology and Sociobiology.*** ("Background complexity and optimal background matching camouflage")

Undergraduate level (*n*=7)

1. Amina Mohammed (IISER Thiruvananthapuram)

2. Gayathri Bindu Kurup (IISER Thiruvananthapuram)
Publication: Kodandaramaiah, U., Palathingal, S., **Bindu Kurup, G.** and Murali, G., 2020. ***Behavioral Ecology.*** ("What makes motion dazzle markings effective against predation?")

3. James Conners (University of Georgia '18)

4. Kartik T (IISER Thiruvananthapuram)

5. Kajal Kumari (IISER Thiruvananthapuram)
Publication: Murali, G., **Kumari, K.** and Kodandaramaiah, U., 2019. ***Scientific Reports.*** ("Dynamic colour change and the confusion effect against predation").

6. Siddhartha Yaddanapudi (IISER Thiruvananthapuram)

7. Yogesh M (Rajalakshmi Engineering College)

EDITORIAL AND REFEREE SERVICES

Web of Science reviewer profile: https://www.webofscience.com/wos/author/record/1574328

Peer-reviewed for the following journals (total number of reviews: 124 for 50 journals): Nature, Nature Ecology and Evolution, Nature Communications, Biological Reviews, Global Change Biology, Global Ecology and Biogeography, eLife, Sustainable Horizons, Geography and Sustainability, Methods in Ecology and Evolution, Philosophical Transactions of the Royal Society B, Evolution Letters, Proceedings of the Royal Society B, Evolution, The American Naturalist, Journal of Animal Ecology, Conservation Biology, Communications Earth and Environment, Biological Conservation, Scientific Reports, iScience, Ecography, Journal of Biogeography, BMC Ecology and Evolution, Climate Change Ecology, Biology Letters, Behavioural Ecology, Animal Behaviour, Journal of Evolutionary Biology, Evolutionary Ecology, Ecology and Evolution, Evolutionary Biology, Biological Journal of the Linnean Society, Austral Ecology, Biodiversity, Royal Society Open Science, Ecological Solutions and Evidence, Ecological Research, Ethology, PeerJ, Journal of Zoology, Israel Journal of Ecology and Evolution, Reptiles and Amphibians, Food Webs, Journal of Threatened Taxa, Taprobanica, and ZooKeys.

Peer-reviewed grant proposals for the following granting organizations (**total number of grant proposals reviewed: 2**): National Science Center, Poland (https://www.ncn.gov.pl/en).

SCIENTIFIC PRESENTATIONS AND INVITED SEMINARS

1. Regional Young investigators' Meeting 2025-2026, January 30-31, 2026. IISER Tirupati, Tirupati, India.
2. Animal Behaviour Live 2025, Climate Change Workshop Panelist. Research adaptation in the face of climate change: Insights from animal behaviour. November 14, 2025. Online. **(Invited)**
3. British Ecological Society, special interest group first meeting on Climate Change and Biodiversity, September 18, 2025. London, United Kingdom.
4. Guest speaker for National Programme on Technology Enhanced Learning (NPTEL) course on Fundamentals of Ecology. March 26, 2025, Indian Institute of Science, India. **(Invited)**
5. Invited speaker (online) for undergraduate course Herpetology BIOEE4700. October 5, 2023, Cornell University, United States of America. **(Invited)**

6. Species on the Move 2023. May 14-19, 2023. Bonita Springs, Florida, United States of America.
7. The 5th GARD (Global Assessment of Reptile Distributions) international meeting. December 4-8, 2022, Steinhardt Museum of Natural History, School of Zoology, Tel Aviv University, Tel Aviv, Israel. **(Workshop)**
8. Department of Biology, Invited seminar. August 30, 2022, IISER Thiruvananthapuram, Kerala, India.
9. Batsheva de Rothschild Seminar dedicated to past, present, and future of reptile diversity. May 8-11, 2022, Ben-Gurion University of the Negev, Israel.
10. 58th Meeting of the Zoological Society of Israel. March 13, 2022, Steinhardt Museum of Natural History, School of Zoology, Tel Aviv University, Tel Aviv, Israel.
11. 30th International Congress for Conservation Biology (ICCB 2021). December 13-17, 2021, Kigali, Rwanda.
12. Behaviour group meeting. November 12, 2021, University of Minnesota, United States of America. **(Invited)**
13. La Vida webinar series. July 2020, Biology club, Indian Institute of Science Education and Research Berhampur, India. **(Invited)**
14. 56th Meeting of the Zoological Society of Israel. December 29, 2019, Hebrew University of Jerusalem, Israel.
15. Mitrani Department of Desert Ecology Fall Seminar. December 17, 2019, Ben Gurion University of the Negev, Israel. **(Invited)**
16. 16th ISBE Conference. August 11-16, 2018, University of Minnesota, United States of America.
17. 2nd Symposium on Mediterranean Lizards. June 18-21, 2018, Steinhardt Museum of Natural History, School of Zoology, Tel Aviv University, Tel Aviv, Israel.
18. Pre-conference workshop on butterfly evolution. Biology of Butterflies 2018. June 8, 2018, IISER Thiruvananthapuram, Kerala, India.
19. GIAN course on Speciation and the Web of Life. Headed by Prof. Michael Arnold, University of Georgia, USA. August 22-September 6, IISER TVM, Thiruvananthapuram, Kerala, India.
20. M K Chandrashekaran Memorial Meeting. February 4-5, 2016, JNCASR, Bangalore, India.
21. 39th Annual Meeting of the Ethological Society of India. October 30-November 1, 2015, IISER Mohali, India.
22. IISER-TVM - National University of Singapore Joint Symposium. September 22, 2015, Thiruvananthapuram, Kerala.

PROFESSIONAL MEMBERSHIPS

Association for the Study of Animal Behaviour (ASAB); International Society for Behavioral Ecology (ISBE); The Society for Conservation Biology (SCB); Society for the Study of Evolution (SSE); British Ecological Society (BES); American Association for the Advancement of Science (AAAS).

ACADEMIC REFERENCES

Referee 1

Name	:	Prof. John J. Wiens
Designation	:	Professor
Affiliation	:	University of Arizona, United States of America.
Email	:	wiensj@arizona.edu
Website	:	https://www.wienslab.com/Home.html
Relationship	:	Postdoc supervisor

Referee 2

Name	:	Prof. Shai Meiri
Designation	:	Professor
Affiliation	:	University of Melbourne, Australia, and Tel Aviv University, Israel
Email	:	shai.meiri@unimelb.edu.au uncshai@tauex.tau.ac.il uncshai@gmail.com
Website	:	https://shaimeirilab.weebly.com/
Relationship	:	Postdoc supervisor

Referee 3

Name	:	Prof. Uri Roll
Designation	:	Professor
Affiliation	:	Ben-Gurion University of the Negev, Israel.
Email	:	uriroll@bgu.ac.il uriroll@gmail.com
Website	:	http://www.uriroll.com/
Relationship	:	Postdoc supervisor