

# **Short Curriculum Vitae**



**Vassiliki I. Kati**

**2019**

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## PERSONAL DATA

Name: Vassiliki I. Kati  
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## SHORT NOTE

**Research profile:** I am a field biologist, with expertise in the taxonomy and ecology of a wide range of animal groups, (orthopterans, butterflies, amphibians, reptiles, birds, mammals). I build up primary biodiversity databases, with special focus on Mediterranean mountainous ecosystems. I have enriched these skills by mastering advanced statistical tools, which allow me to analyze complex data in community ecology, as well as to address major conservation problems. International collaboration, independence, ecological breadth, and a consistent focus on providing solutions to major conservation problems are the four points that depict my research profile. I have participated so far in several research projects, and I have coordinated many of them. The last years I was active in coordinating the national monitoring programme for butterflies, including the first citizen-science project for butterfly monitoring in Greece, in developing a suite of scientific activities towards roadless areas conservation, and in tackling the problem of wind farm impact on wildlife.

**Social profile:** It is my belief that biodiversity conservation and sustainable use and sharing of natural resources are the greatest challenges for humanity to face nowadays. Science can provide real answers to our biodiversity crisis era; we do not have the luxury to do science without implementation and vice versa. For this reason, I am active as researcher in the field of biodiversity conservation, but also I have been involved in international scientific societies as well as in national scientific societies and NGOs, working on the interface of science and policy making, and attempting to bridge the gap between local and international policy making. I have also contributed in the field of conservation education, chairing the Education Committee of the European Section of the Society for Conservation Biology organizing among others a five-year international summer school.

## RESEARCH INTERESTS

- **Biodiversity conservation:** Indicators, reserve design techniques, biodiversity patterns, biodiversity under climate change, impact of human-originated pressures and infrastructure on biodiversity (roads, windfarms, livestock grazing).

- **Community ecology:** diversity patterns, ecological structure, habitat suitability, and conservation management of terrestrial ecological communities (orthopterans, butterflies, amphibians, reptiles, passerine birds, mammals)
- **Conservation biology:** Endangered species conservation; Protected areas management.
- **Conservation policy:** Science-policy interface, implementation of Natura 2000 network, roadless areas, sustainable game management (social research).

**Languages:** Greek (mother language), English (Proficiency of Cambridge, Proficiency of Michigan), French (Diplôme d' Etudes Supérieures), Italian (basic knowledge).

### **MILESTONES OF ACADEMIC CAREER/EDUCATION**

- 2017-..** Associate Professor. Department of Biological Applications & Technology, **University of Ioannina**.
- 2010-2017** Associate Professor (2017), Assistant Professor (2010-2016). Department of Environmental & Natural Resources Management. **University of Patras**.
- 2006-2010** Lecturer. Department of Environmental & Natural Resources Management. University of Ioannina.
- 2002-2006** Lecturer under contract. Department of Environmental & Natural Resources Management. **University of Ioannina**.
- 2002** Institut für Zoologie II, **Universität Erlangen-Nürnberg**. Summer visitor Ass. Professor
- 2001-2003** Department of Fisheries. **Technological Institute of Epirus**. Lecturer under contract.
- 2001-2003** **WWF-Greece**. Project on the conservation management and monitoring of Balkan chamois (*Rupicapra rupicapra balcanica*) in Northern Pindus. Researcher.
- 1997-2001** **Université Catholique de Louvain, Belgium**. Department of Biology, Section of Ecology and Biogeography.
- Diplôme d'Etudes Approfondies en Biologie (DEA) with grade « **Great distinction** ». MSc thesis: «Passerine and Orchid diversity assessment in Dadia forest reserve, N.E. Greece». Supervisor Prof. Ph. Lebrun.
- Ph.D. with grade « **Greatest Distinction** ». Doctoral thesis: «Methodological Approach on Assessing and Optimizing the Conservation of Biodiversity: a case study in Dadia reserve (Greece) ». Supervisor Prof. Ph. Lebrun.
- 1995-1996** **Université Libre de Bruxelles, Belgium**. Department of Biology. Erasmus student (12 months). Attending undergraduate and post-graduate courses on land management, environmental management, ecology and biogeography.
- 1992-1996** **Aristotle University of Thessaloniki, Greece**. Department of Biology. Diploma on Biology with grade «**Excellent**» (8.53/10). Diploma thesis: «Assessment of pollution levels of Lasne and Argentine streams (Belgium) in terms of biological indicators”.

## RESEARCH PROJECTS

1. 2001-2003. "Northern Pindos project". National project, funded by WWF-Greece. Institute: WWF Greece. Position: **Researcher** (monitoring and management of Balkan chamois population).
2. 2003. "Diversity of passerine birds in Pindos National Park and relevant actions of environmental education." National project, funded by the Hellenic Ministry of Environmental and Public Works, Environmental Protection and Sustainable Development Scheme. Institute: Pindos Perivallontiki & University of Ioannina. Position: **Coordinator**.
3. 2002-2003. "Biodiversity and conservation of Xiromeros oak forest (Aitoloakarnania Prefecture). National project funded by the Hellenic Ministry of Environmental and Public Works, Environmental Protection and Sustainable Development Scheme. Institute: University of Ioannina (P. Dimopoulos). Position: **Researcher** (ornithologist-*unpaid position*).
4. 2002-2005. "Experimental study for the impact of forest grazing on plant diversity". International project funded by the Ministry of Development and General Secretariat of Research, Common Research and Technological Projects of Greece and Germany. Institute: University of Ioannina (P. Dimopoulos). Position: **Researcher** (entomologist-*unpaid position*).
5. 2004-2005. "Special Environmental Study for the broader Tzoumerka area". National project funded by Epirus Development Society AE. Institute: Epirus Development Society AE (H. Papaioannou). Position: **Researcher** (entomologist-ornithologist).
6. 2004-2007. "Assessing and mapping biodiversity in the protected area of Tzoumerka." National project funded by the Hellenic Ministry of Education, Pythagoras II Scheme. Institute: University of Ioannina (P. Dimopoulos). Position: **Coordinator of fauna group & researcher**.
7. 2005-2008. "RIPIDURABLE Gestion durable de ripisylves – Code No3S01251" International project funded by INTERREG IIIC – Sud/ FEDER. Institute: University of Ioannina (P. Dimopoulos). Position: **Researcher** (ornithologist).
8. 2008. "Implementing an evaluation system of the conservation status of habitats and landscapes." International project funded by the Management Agency of National Parks of Vikos-Aoos and Pindos under Interreg IIIA/Cards, Greece-Albania Scheme. Institute: University of Ioannina (P. Dimopoulos). Position: **Researcher** (landscape ecology).
9. 2008-2009. "Updating the special environmental study for the Natura 2000 area GR1320002 and special environmental study for the Natura 2000 area GR2130010". National project funded by the Epirus Development Society AE. Institute: University of Ioannina. Position: **Coordinator** (ornithology).
10. 2006-2009. "Developing an integrated information system for the monitoring and management of Natura 2000 areas in Greece and Italy-a pilot study in common ecosystems of Greece and Italy. International project funded by INTERREG IIIA, Greece-Italy. Institute: University of Ioannina (P. Dimopoulos). Position: **Researcher** (ornithologist-entomologist).
11. 2010-2013. "Biodiversity patterns (flora and invertebrate fauna) versus local climate change in Cyprus". International project funded by the Institute of Research Promotion of Cyprus (PENEK Scheme). Institute: Frederick University, Cyprus (K. Kadis). Position: **Researcher** (*unpaid position*).
12. 2010-2012. "AGRALE -Impact of Agricultural abandonment on landscape structure, vegetation and birds in SE Europe". International project (5 countries) funded by SEE-ERA.NET PLUS CALL (FP7) & Greek Ministry of Development. Institute: University of Ioannina. Position: **Coordinator** (*unpaid position*).

13. 2012-2015. "Conservation through religion: the sacred groves of Epirus". National project funded by the Greek Ministry of Development (ESPA) and European Union (European Social Funds). Institute: University of Ioannina (J. Halley). Position: **Researcher & coordinator of the biodiversity group** (vegetation, lichens, birds, bats).
14. 2013-2015. "Monitoring of species and habitats in the ravine and estuaries of Acherontas and Kalamas rivers". National project funded by the Greek Ministry of Environment and coordinated by OIKOM Company. Institute: University of Patras. Position: **Coordinator** (herpetofauna & invertebrate fauna).
15. 2013-2015. "Monitoring and evaluation of the conservation status of habitats and flora and fauna species of European interest in the area under the responsibility of the Management Agency of Messologi lagoon". National project funded by Greek Ministry of Environment and coordinated by NERCO Company. Institute: University of Patras. Position; **Coordinator** (invertebrates).
16. 2013-2015. "Monitoring and evaluation of the conservation status of invertebrate species of European interest in Greece". National project funded by the Greek Ministry of Environment, coordinated by NCC Company. Institute: University of Patras. Position: **Coordinator** (butterflies).
17. 2013-2015. "Monitoring and evaluation of the conservation status of amphibian and reptile species of European interest in Greece". National project funded by the Greek Ministry of Environment, coordinated by the Hellenic Herpetological Society. Institute: University of Patras. Position: **Coordinator** (five Natura 2000 sites).
18. 2015. "Monitoring invertebrate species in the National Park of Tzoumerka-Peristeri-Aracthos gorge". National project funded by the Greek Ministry of Environment and Coordinated by the Epirus Development Society AE. Institute: University of Patras: Position: **Coordinator**.
19. 2015-2017. "Vultures-Movement ecology of an endangered vulture species (*Aegypius monachus*) in Thrace and spatial planning of wind farms". National project funded by Natural Research Ltd (UK) as a PhD grant for result dissemination (D. Vassilakis). Institute: University of Patras. Position: **Coordinator**.
20. 2016-2017. "Epirus grasshopper conservation: linking genetics and ecology under a conservation perspective". International project funded by Mohamed bin Zayed Species Conservation Fund. Institute: University of Patras. Position. Position: **Coordinator**.
21. 2017. "Environmental Status Report - Nature / Biodiversity 2015-2016". National project funded by National Center of Environment and Sustainable Development. Position: **Coordinator**.
22. 2018. "COEXIST - Wolf-livestock conflicts in selected areas of Greece". National project funded by WWF Greece. Position: **Coordinator**.
23. 2019-2020. "ROADLESS-Roadless areas and sustainable development in Greece". National project funded by Green Fund. Collaboration with Pindos Perivallontiki (coordinator). Position: **Scientific coordinator**.
24. 2019-2020. "BUTALL: Butterflies of Greece: Linking Science with Society". National project funded by the National Center of Environment and Sustainable Development. Position: **Coordinator**.

## PUBLICATIONS

### PhD thesis

**Kati, V.** 2001. Methodological approach on assessing and optimizing the conservation of biodiversity: a case study in Dadia Reserve (Greece). Université Catholique de Louvain, Belgium. Doctorat en Sciences. 226 p.

### Publications in peer-reviewed international Journals

\* Corresponding author

#### *With impact factor*

1. \***Kati, V.**, Lebrun, Ph., Devillers, P., Papaioannou, H. 2000. Les orchidées de la réserve de Dadia (Grèce), leurs habitats et leur conservation. *Les Naturalistes Belges* 81: 269-282.
2. \***Kati, V.**, Willemse, F. 2001. The grasshoppers and crickets of the Dadia Forest Reserve (Thraki, Greece) with a new record to the Greek fauna: *Paranocarodes chopardi* Pechev 1965 (Orthoptera, Pamphagidae). *Articulata* 16: 11-19.
3. \***Kati, V.**, Dufrêne M., Legakis A., Grill A., Lebrun Ph. 2004. Conservation management for the Orthoptera in the Dadia reserve, Greece. *Biological Conservation* 115: 33-44.
4. \***Kati, V.**, Devillers, P., Dufrêne, M., Legakis, A., Vokou, D., Lebrun, Ph. 2004. Testing the value of six taxonomic groups as biodiversity indicators at a local scale. *Conservation Biology* 18 (3): 667-675.
5. \***Kati, V.**, Devillers, P., Dufrêne, M., Legakis, A., Vokou, D., Lebrun, Ph. 2004. Hotspots, complementarity or representativeness? Designing optimal small-scale reserves for biodiversity conservation. *Biological Conservation* 120 (4): 471-480.
6. Grill, A., Knoflach, B., Cleary, D., **Kati, V.** 2005. Butterfly, spider, and plant communities in different land-use types: Sardinia, Italy. *Biodiversity and Conservation* 14: 1281-1300.
7. \***Kati, V.**, Mani, P., von Helversen, O., Willemse, F., Elsner, N., Dimopoulos, P. 2006. Human land use threatens endemic wetland species: the case study of *Chorthippus lacustris* (Orthoptera: Acrididae) in Epirus, Greece. *Journal of Insect Conservation* 10: 65-74.
8. \***Kati, V.**, Sekercioglou, C.H. 2006. Diversity, ecological structure, and conservation of the landbird community of Dadia reserve, Greece. *Diversity and Distributions* 12: 620-629.
9. Korakis, G., Gerasimidis, A., Poirazidis, K., **Kati, V.** 2006. Floristic records from Dadia-Lefkimi-Soufli National Park, NE Greece. *Flora Mediterranea* 16:11-32.
10. Papaioannou, H., \***Kati, V.** 2007. Current status of the Balkan chamois (*Rupicapra rupicapra balcanica*) in Greece: implications for conservation. *Belgian Journal of Zoology* 137 (1): 33-39.
11. Sjögren-Gulve, P., Långström, E., Báldi, A., Ibisch, P., **Kati, V.**, Livoreil, B., Selva, N. 2007. Conservation biology and the 300th anniversary of the birth of Carl Linnaeus. *Conservation Biology* 21 (4): 905-906.
12. \***Kati, V.**, Foufopoulos, J., Ioannidis, Y., Papaioannou, H., Poirazidis, K., Lebrun, Ph. 2007. Diversity, ecological structure and conservation of herpetofauna in a Mediterranean area (Dadia National Park, Greece). *Amphibia-Reptilia* 28: 517-529.
13. Poirazidis, K., Goutner, V., Tschalidis, E., **Kati, V.** 2007. Comparison of nestsite selection patterns of different sympatric raptor species as a tool for their conservation. *Animal Biodiversity and Conservation* 30 (2):131-145.

14. Zografou, K., Sfenthourakis, S., Pullin, A., **\*Kati, V.** 2009. On the surrogate value of red-listed butterflies for butterflies and grasshoppers: a case study in Grammos site of Natura 2000, Greece. *Journal of Insect Conservation* 13: 505-514.
15. **\*Kati, V.**, Dimopoulos, P., Papaioannou, H., Poirazidis, K. 2009. Ecological management of a Mediterranean mountainous reserve (Pindos National Park, Greece) using the bird community as an indicator. *Journal for Nature Conservation* 17 (1): 47-59.
16. Pullin, A.S., Báldi, A., Can, O.E., Dieterich, M., **Kati, V.**, Livoreil, B., Lövei, G., Nevin, O., Selva, N., Sousa-Pinto, I. 2009. Conservation Focus on Europe: Major conservation policy issues that need to be informed by conservation science. *Conservation Biology* 23 (4): 818-824.
17. Michaelides, G., **\*Kati, V.** 2009. Diversity patterns and conservation management of the lizard community in a Mediterranean reserve, Cyprus. *Journal of Biological Research* 12: 211-220.
18. **\*Kati, V.** Poirazidis, K., Dufrière, M., Halley, J.M., Korakis, G., Schindler, S. Dimopoulos P. 2010. Towards the use of ecological heterogeneity to design reserve networks: a case study from Dadia National Park, Greece. *Biodiversity & Conservation* 19 (6): 1585-1597.
19. Schindler, S., Curado, N., Nikolov, S., Kreft, E., Carcamo B., Catsadorakis G., Poirazidis, K, **Kati V.** 2011. From research to implementation: nature conservation in the Eastern Rhodopes mountains, European Green Belt (Greece and Bulgaria). *Journal for Nature Conservation* 19:193-201.
20. Selva, N., Kreft, S., **Kati, V.**, Schluck, M., Jonsson, B-G., Mihok, B., Okarma, H., Ibisch, P.L. 2011. Roadless and low traffic areas as conservation targets in Europe. *Journal of Environmental Management* 48:865–877.
21. **\*Kati, V.**, Zografou, K., Tzirkalli, E., Chitos, Th., Willemse, L. 2012. Butterfly and grasshopper diversity patterns in humid Mediterranean grasslands: the roles of disturbance and environmental factors. *Journal of Insect Conservation* 16 (2): 807-818.
22. Schindler, S., von Wehrden, H., Poirazidis ,K., Wrbka, Th., **Kati, V.** 2013. Multiscale performance of landscape metrics as indicators of species richness of plants, insects and vertebrates. *Ecological Indicators* 31: 41– 48.
23. Hudson, L. N., et al. 2014. The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. *Ecology and Evolution* 4(24): 4701-4735.
24. Miculic, K. Radovic, A., **Kati, V.**, Jelaska, S., Tepic, N. 2014. Effects of land abandonment on bird communities of smallholder farming landscapes in post-war Croatia: implications for conservation policies. *Community Ecology* 15(2): 169-179
25. Zakkak, S., Chatzaki, M., Karamalis, N., **Kati, V.** 2014. Spiders in the context of agricultural land abandonment in Greek Mountains: species responses, community structure and the need to preserve traditional agricultural landscapes. *Journal of Insect Conservation* 18 (4): 599-611.
26. Zakkak, S., Kakalis, E., Radovic, A., Halley, J.M., **Kati, V.** 2014. The impact of forest encroachment after agricultural land abandonment on passerine bird communities: The case of Greece. *Journal for Nature Conservation* 22 (2): 157-165.
27. Zografou, K., **Kati, V.**, Grill, A., Wilson, R.J., Tzirkalli, E., Pamperis, N.L., Halley, J.M. 2014. Signals of climate change in butterfly communities in a Mediterranean protected area. *PlosOne*. 9 (1), e87245.
28. Zografou, K., Adamidis, G.K., Grill, A., **Kati, V.**, Wilson, R.J., Halley, J.M. 2015. Who flies first? Habitat-specific phenological shifts of butterflies and orthopterans in the light of climate change: a methodological case study from south-east Mediterranean. *Ecological Entomology* 40: 562-574.



29. Zakkak, S., Halley, J.M., Akriotis, T., **Kati, V.** 2015. Lizards along an agricultural land abandonment gradient in Pindos Mountains, Greece. *Amphibia-Reptilia* 36: 253-264.
30. Radović, A., Perčec Tadić, M., Denac, D., **Kati, V.**, Jelaska, S., Kotrošan, D. 2015. Modelling the spatial distribution of the White Stork (*Ciconia ciconia*) breeding populations in the Southeast Europe. 2015. *Bird Study* 62 (1):106-114.
31. **\*Kati, V.**, Hovardas, T., Dieterich, M., Ibisch, P.L., Mihok, B., Selva, N. 2015. The Challenge of Implementing the European Network of Protected Areas Natura 2000 Conservation Biology 29 (1):260-270.
32. Schindler, S., von Wehrden, H., Poirazidis, K., Hochachka, W.M., Wrabka, T., **Kati, V.** 2015. Performance of methods to select landscape metrics for modelling species richness. *Ecological Modelling* 295: 107-112.
33. Papaioannou, H., Sgardelis, S., Chondropoulos, B., Vassilakis, D., **Kati, V.**, Dimopoulos, P. 2015. Demographic characteristics, seasonal range and habitat topography of Balkan chamois population in its southernmost limit of its distribution (Giona mountain, Greece). *Journal of Natural History* 49 (5-8):327-345
34. Dyulgerova, S., Gramatikov, M., Pedashenko, M., Vassilev, K., **Kati, V.**, Nikolov, S.C. 2015. Farmland birds and agricultural land abandonment: Evidences from Bulgaria. *Acta Zoologica Bulgarica* 67 (2): 223-234
35. Zakkak, S., Radovic, A., Nikolov, S.C., Shumka, S., Kakalis, L., **Kati, V\***. 2015. Assessing the effect of agricultural land abandonment on bird communities in the Balkan Peninsula. *Journal of Environmental Management* 164:171-179.
36. Slancarova, J., Bartonova, A., Zapletal, M., Kotilinek, M., Fric, Z., Micevski, N., **Kati, V.** Beshkov, S., Konvicka, M. 2016. Life History Traits Reflect Changes in Mediterranean Butterfly Communities due to Forest Encroachment. *PLoS ONE* 11(3): e0152026. doi:10.1371/journal.pone.0152026
37. Vasilakis, D.P., Whitfield, Ph.D., Schindler, S., Poirazidis, S.K., **Kati, V\***. 2016. Reconciling endangered species conservation with wind farm development: cinereous vultures in the Balkans. *Biological Conservation* 196: 10-17.
38. Ibisch, P.L., Hoffmann, M., Kreft, S., Pe'er, G. **Kati, V.** Biber-Freudenberger, L. DellaSala, D.A., Vale, M., Hobson, P.R., Selva, N. 2016. A global map of roadless areas and their conservation status. *Science* 354(6318), 1423-1427. [doi: 10.1126/science.aaf7166].
39. Hudson, L.N. et al. 2017. The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. *Ecology and Evolution* 7, 145-188.
40. Vasilakis, D\*., Whitfield, D., **Kati, V\***. 2017. A balanced solution to the cumulative threat of industrialized wind farm development on cinereous vultures (*Aegypius monachus*) in south-eastern Europe. *PlosOne*. <http://dx.doi.org/10.1371/journal.pone.0172685>.
41. Zografou, K., Wilson, R.K., Halley, J.M., Tsirkalli, E., **Kati V.** 2017. How are arthropod communities structured and why are they so diverse? Answers from Mediterranean mountains using hierarchical additive partitioning" *Biodiversity and Conservation* 26(6), pp. 1333-1351.
42. Zografou, K., Adamidis, G., Komnenov, M., **Kati, V.**, Sotirakopoulos, P., Pitta, E., Chatzaki, M. 2017. Diversity of spiders and orthopterans responds to intra-seasonal and spatial environmental changes. *Journal of Insect Conservation* 21(3), pp. 531-543

43. Tzortzakaki, O., **Kati, V.**, Kassara, C., Tietze, D.T., Giokas, S. 2017. Seasonal patterns of urban bird diversity in a Mediterranean coastal city: the positive role of open green spaces. *Urban Ecosystems*. doi: 10.1007/s11252-017-0695-9.
44. Maes, D., Verovnik, R., Wiemers, M., Brosens, D., Beshkov, S., Bonelli, S. Buszko, J., Salazar, L.S., Cassar, L.F., Collins, S., Djuric, M., Dusej, G., Elven<sup>1</sup>, H., Franeta, F., Garcia-Pereira, P., Geryak, Y., Goffart, Ph., Gór, A., Hiermann, U., Höttinger, H., Huemer, P., Jakšić, P., John, E., Kalivoda, H., **Kati, V.**, et al. 2019. Integrating national checklists and Red Lists for prioritising European butterfly conservation actions. *Journal of Insect Conservation*. <https://doi.org/10.1007/s10841-019-00127-z>
45. Petridou, M, Youlatos, D., Lazarou, Y., Selinides, K., Pylidis, Ch., Giannakopoulos, A., **Kati, V.** Iliopoulos, Y. 2019. Wolf diet and livestock selection in central Greece. *Mammalia* <https://doi.org/10.1515/mammalia-2018-0021>.
46. Tzirkalli, E., Kadis, C., Halley, J.M., Vogiatzakis, I., Wilson, R.J., Zografou, K., Antoniou, A., Tsintides, T., Makris, C., **Kati, V.**, 2019. Conservation ecology of butterflies on Cyprus in the context of Natura 2000. *Biodiversity and Conservation*. 28(7), 1759-1782. <https://doi.org/10.1007/s10531-019-01755-2>

### ***Without impact factor***

1. **\*Kati, V.**, Lebrun, Ph., Devillers, P., Papaioannou, H. 2000. Les orchidées de la réserve de Dadia (Grèce), leurs habitats et leur conservation. *Les Naturalistes Belges* 81: 269-282.
2. **\*Kati, V.**, Willemse, F. 2001. The grasshoppers and crickets of the Dadia Forest Reserve (Thraki, Greece) with a new record to the Greek fauna: *Paranocarodes chopardi* Pechev 1965 (Orthoptera, Pamphagidae). *Articulata* 16: 11-19.
3. Korakis, G., Gerasimidis, A., Poirazidis, K., **Kati, V.** 2006. Floristic records from Dadia-Lefkimi-Soufli National Park, NE Greece. *Flora Mediterranea* 16:11-32.
4. Muggia, L., **Kati, V.**, Rohrer, A., Halley, J., Mayrhofer, H. 2018. Species diversity of lichens in the sacred groves of Epirus (Greece). – *Herzogia* 31: 231–244.
5. Lemonnier-Darcemont, M., **Kati, V.**, Willemse, L., Darcemont, C. 2018. Effects of changing grazing systems on the threatened genus *Peripodisma* (Orthoptera: Acrididae: Melanoplinae) in the Mediterranean mountains of the southern Balkans. *Journal of Mediterranean Ecology* 16: 67-79.

### **Book chapters**

#### ***International peer-reviewed book chapters***

1. Schindler, S., Poirazidis, K., Papageorgiou, A., Kalivas D., Von Wehrden, H., **Kati, V.** 2010. Landscape approaches and GIS for biodiversity management. In: Anděl, J., Bičík, I., Dostál, P., Lipský, Z, Shahneshin, S.G., Raska, P. (eds), *Landscape modelling: geographical space, transformation and future scenarios*, Urban and Landscape Perspectives Series, Springer-Verlag. pp171-182.
2. Catsadorakis, G., **Kati, V.**, Liarikos, K., Poirazidis, K., Skartsi, Th., Vasilakis, D. and Karavellas, D. 2010. Conservation and management issues for the Dadia Lefkimi Soufli Forest National Park. In: Catsadorakis, G., Källander, H. (Eds.). *The Dadia – Lefkimi – Soufli Forest National Park, Thrace, Greece: Biodiversity, Management and Conservation*. WWF Greece, Athens. pp 265-280.

3. Grill, A., **Kati, V.**, Karris, G., Argyropoulou, M.D. 2010. Diversity patterns in insect communities of the Dadia–Lefkimi–Soufli Forest National Park: butterflies, grasshoppers, beetles. In: Catsadorakis, G., Källander, H. (Eds.). The Dadia – Lefkimi – Soufli Forest National Park, Greece: Biodiversity, Management and Conservation. WWF Greece, Athens. pp 115-122.
4. **Kati, V.**, Kakalis, L. 2010. The landbird community: composition, abundance and management suggestions In: Catsadorakis, G., Källander, H. (Eds.). The Dadia – Lefkimi – Soufli Forest National Park, Greece: Biodiversity, Management and Conservation. WWF Greece, Athens. pp 169-182.
5. Korakis, G., Gerasimidis, A., **Kati, V.** 2010. The flora. In: Catsadorakis, G., Källander, H. (Eds.). The Dadia – Lefkimi – Soufli Forest National Park, Greece: Biodiversity, Management and Conservation. WWF Greece, Athens, pp 63-84.
6. Poirazidis, K., **Kati, V.**, Schindler, S., Triantakonstantis, D., Kalivas, K., Gatzogiannis, S. 2010. Landscape and biodiversity in the Dadia –Lefkimi- Soufli Forest National Park. In: Catsadorakis, G., Källander, H. (Eds.). The Dadia – Lefkimi – Soufli Forest National Park, Greece: Biodiversity, Management and Conservation. WWF Greece, Athens. pp 103-114.
7. Poirazidis, K., Schindler, S., **Kati, V.**, Martinis, A., Kalivas, D., Kasimiadis, D., Wrbka, T., Papageorgiou, A. 2011 Conservation of biodiversity in managed forests: developing an adaptive decision support system. In: Li, C., Laforteza, R., Chen, J. (eds), Landscape Ecology in Forest Management and Conservation. Challenges and Solutions for Global Change. Higher Education Press – Springer. pp 381-399.
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9. Hoffmann, M., Kreft, S., **Kati, V.** & Ibsch, P. 2019. Roadless Areas as Key Approach to Conservation of Functional Forest Ecosystems. In: Goldstein, M.I. & DellaSala, D.A. (Eds). Earth Encyclopedia of the World's Biomes. Elsevier Inc. *In press*

### ***Other book chapters***

1. **Kati, V.** 2008. Designing ecological networks. In: Dimopoulos, P., Pantis I., Tzanoudakis D., Vayienas D. (Eds). Guide for the sustainable management of protected areas. Pappas Editions, Athens pp. 87-100 [In Greek].
2. **Kati, V.** 2009. *Chorthippus lacustris* (La Greca & Messina, 1975). Ορθόπτερα, Acrididae. In: Legakis, A., Maragou, P. (Eds), The Red Data Book of Endangered Animals of Greece. Hellenic Zoological Society, Athens. pp 474-475. [ In Greek]
3. Willemse, L., **Kati, V.**, Odé, B. EPIRUS GRASSHOPPER: a Prima Ballerina Courtship! In: Hegan, A (ed), No More Endlings: saving species one story at a time, Motivational Press, Melbourne, 246-253.
4. **Kati, V.**, Stara, K. 2015. The biodiversity of ancient trees and forests: the birds: In: Stara, K., Vokou, D. (Eds). The majestic trees of Zagori and Konitsa, University of Ioannina, Ioannina, pp. 61-69. [ In Greek].
5. **Kati, V.** 2018. Nature-Biodiversity. In: National Center for the Environment and Sustainable Development (NCESD). Greece: State of the Environment Report Summary /2018, pp 74-95. NCESD, Athens, 126 p

## Publications in conference proceedings

### Publications in international conferences

1. **Kati, V.** 2001. Maximizing biodiversity conservation in a forest ecosystem by identifying zones of hotspot overlap. In: Radoglou, K. Proceedings of the International Conference: Forest Research: A Challenge For an Integrated European Approach, Thessaloniki. NAGREF - Forest Research Institute, p 581-585.
2. **Kati, V.** and Papaioannou, 2001. H. Identifying biodiversity indicators in a forest ecosystem. In: Radoglou, K. Proceedings of the International Conference: Forest Research: A Challenge For an Integrated European Approach, Thessaloniki. NAGREF - Forest Research Institute, 2001: 501-506.
3. Schindler, S., **Kati, V.**, and Poirazidis, K. 2007. Testing the performance of landscape structure variables as predictors of biodiversity: a case study from Dadia NP, Greece. In: Bunce, RGH, Jongman, RHG, Hojas, L, and Weel, S., Eds. 25 Years of Landscape Ecology: Scientific Principles in Practice. Proceedings of the 7th IALE World congress, Wageningen, The Netherlands, 8-12 Jul. IALE Publications series 4. p 337-338.
4. Schindler, S., **Kati, V.**, von Wehrden, I., Wrבka, T., and Poirazidis, K. 2009. Landscape metrics as biodiversity indicators for plants, insects and vertebrates at multiple scales. In: Breuste, J., Kozová, M., and Finka, M. (Eds). European Landscapes in Transformation: Challenges for Landscape Ecology and Management. **European IALE Conference 2009** 12-16 Jul 2009, Salzburg, Austria & Bratislava, Slovakia. pp. 228-231.

### Publications in national conferences (Greece)

5. Korakis, G., Kapsalis, E., Tsiakiris, R., Betsis, A., Stara, K., Halley, J.M., Papaioannou, H., **Kati, V.** 2014. Contribution to the study of the floral diversity of sacred groves in Northern Pindos. In: Kyriazopoulos, A., Kartasiou, M., Sklavou, P., Houvardas, D. Conferences of the 8<sup>th</sup> Grassland Congress: Grasslands, livestock: research and development. Thessaloniki, pp 117-122. [In Greek].
6. Korakis, G., Kapsalis, E., Tsiakiris, R., Stara, K., Halley, J.M., Papaioannou, H., **Kati, V.** 2015. Natura Conservation through religion: a comparative floristic research of sacred groves vis-à-vis managed woods in Epirus. Issues of Forestry and Management of Environment and Natural Resources: Volume 6: Biodiversity and Natural Environment, pp 75-92. [In Greek].
7. Korakis, G., Kapsalis, E., Tsiakiris, R., Stara, K., Halley, J.M., Papaioannou, H., **Kati, V.** 2015. Identification and habitat composition of eight sacred groves in the area of Konitsa-Zagori. In: Conference proceedings of the 17<sup>th</sup> National Forest Congress: The contribution of modern forestry and protected areas in sustainable development, Argostoli of Kefalonia, 789-796. [In Greek].

## Announcements in international congresses

1. **Kati, V.**, Dufrene, M., and Vokou, D. 1999. Passerine and Orchid diversity assessment in Dadia forest reserve. Proceedings of the International Conference: "Eureco 99: VIII European Ecological Congress. The European Dimension in Ecology. Perspectives and Challenges for the 21<sup>st</sup> Century". E.E.F - European Ecological Federation, Halkidiki, Greece, 18-23 September. p 173.
2. **Kati, V.** 2002. The diversity of the Orthoptera community in the reserve of Dadia (Greece): habitats, indicators and conservation. 9<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Hellenic Zoological Society, Thessaloniki. p 67.

3. **Kati, V.**, Devillers, P., Dufrene, M., Legakis, A., Vokou, D., and Lebrun, Ph. 2002. Maximizing biodiversity conservation: which is the best way to design reserve networks? 9th European Ecological Congress (Eureco' 02). Lund University, Sweden, 27 Jul-1<sup>st</sup> Aug.
4. Papaioannou, H. and **Kati, V.** 2002. The chamois in the broader area of Vikos-Aoos national park: a project of WWF Greece. 9<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Hellenic Zoological Society, Thessaloniki, p 120.
5. Papaioannou, H. and **Kati, V.** 2002. Conservation and management of Balkan chamois in Timfi: a project of WWF Greece. Third World Conference on Mountain Ungulates. IUCN. Caprinae Specialist Group., Saragossa, Spain, 10-15 June.
6. Papaioannou, H. and **Kati, V.** 2002. The status and conservation of Balkan chamois (*Rupicapra rupicapra balcanica*) in Greece. Third World Conference on Mountain Ungulates. IUCN. Caprinae Specialist Group., Saragossa, Spain, 10-15 June.
7. **Kati, V.** and Dimopoulos, P. 2005. Biodiversity research in Greece. First Diversitas open science conference: Integrating biodiversity science for human well-being. Oaxaca, Mexico, 9-12 November.
8. **Kati, V.** and Poirazidis, K. 2005. Local biodiversity hotspots in a Mediterranean reserve: where and why species concentrate. First Diversitas open science conference: Integrating biodiversity science for human well-being. Oaxaca, Mexico, 9-12 November.
9. Tryfon, E., Dimopoulos, P., and **Kati, V.** 2006. Natura 2000 ecological network in Greece: current state and perspectives. 1<sup>st</sup> European Congress of Conservation Biology: Diversity for Europe. Eger, Hungary, 22-26 August.
10. **Kati, V.**, Grill, A., Papaioannou, H. D., and Dimopoulos, P. 2006. Diversity patterns of Orthoptera, Lepidoptera and small terrestrial birds in Tzoumerka mountainous area, Greece. 1<sup>st</sup> European Congress of Conservation Biology: Diversity for Europe. Eger, Hungary. 22-26 August.
11. **Kati, V.**, Mani, P., von Helversen, O., Willemse, F., Elsner, N., and Dimopoulos, P. 2006. Human land use threatens endemic wetland species: the case study of *Chorthippus lacustris* (Orthoptera: Acrididae) in Epirus, Greece. 1<sup>st</sup> European Congress of Conservation Biology: Diversity for Europe. Eger, Hungary, 22-26 August.
12. **Kati, V.** and Sekercioglou, C. 2006. Conservation biogeography of the landbird community of Dadia National Park, Greece. 10<sup>th</sup> International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, Patras, Greece, 26-30 June.
13. Schindler, S., **Kati, V.** and Poirazidis, K. 2007. Correlation Analysis of Landscape Structure Variables as Tool to Optimize Predictor Choice for the Assessments of Biodiversity. 7th World congress of the International Association for Landscape Ecology IALE. Wageningen, The Netherlands, 8-12 July
14. Schindler, S., Poirazidis, K., **Kati, V.**, Kalivas, D., Papageorgiou, A., and Wrbka, T. 2008. Conservation of biodiversity in managed forests: An integrated approach using multi-function forest services. In: Chen, J., Liu, S., Lucas, R., Sun, P., Laforteza, R., Delp L (eds), Proceedings of the International Conference Landscape Ecology and Forest Management: Challenges and Solutions, 16-18 September, Chengdu, China. IUFRO Landscape Ecology, p 142-143.
15. Schindler, S., **Kati, V.**, Poirazidis, K. and von Wehrden, H. 2008. The performance of landscape structure variables as Predictors of Biodiversity: Testing the effects of scale, method of composing sets and taxon under concern. In: Chen, J., Liu, S., Lucas, R., Sun, P., Laforteza, R., Delp L (eds), Proceedings of the International Conference Landscape Ecology and Forest Management: Challenges and Solutions, 16-18 September, Chengdu, China, IUFRO Landscape Ecology, 153-154.
16. Schindler, S., Poirazidis, K., **Kati, V.**, Kalivas, D., Papageorgiou, A., and Wrbka, Th. 2008. Earth observation as a prerequisite for biodiversity management in a Mediterranean forest landscape. In: Dilly, O. and Helming, K, Eds. Proceedings of the International Conference on Impact Assessment of Land Use Changes, Berlin, 6-9 April. p 60.

17. Zografou, K., Sfenthourakis, S., **Kati, V.** 2008. Butterfly and grasshopper diversity and its predictors on mountainous habitats of Greece. EEF - European Ecological Federation, and GFOE - the Ecological Society of Germany, Austria and Switzerland. EURECO-GFOE. Leipsiz, Germany. 15-19 September.
18. Schindler, S., Poirazidis, K., Papageorgiou, A., Kalivas, D. and **Kati, V.** 2008. Landscape modelling as a prerequisite for biodiversity management in a Mediterranean forest landscape. Geoscape 2008 Conference, Usti nad Labem, Czech Republic, 10-11 November. p 39.
19. Grill, A., Schindler, S., **Kati, V.**, and Poirazidis, K. 2009. Biodiversity and landscape research in Dadia National Park, a Mediterranean forest in the Greek part of the Green Belt. Breuste, J., Kozová, M., and Finka, M, Eds. European Landscapes in Transformation: Challenges for Landscape Ecology and Management. European IALE Conference, Salzburg, Austria & Bratislava, Slovakia, 12-16 July. IALE, p 573.
20. **Kati, V.**, Poirazidis, K., Dufrene, M., Halley, J., Korakis, G., Schindler, S, and Dimopoulos, P. 2009. Is ecological heterogeneity an alternative tool for reserve design? A case study from Dadia national park, Greece. In. 2nd European Congress of Conservation Biology. Conservation biology and beyond: from science to practice, Prague. 1-5 September. Chech University of Life Sciences, p.82-83.
21. **Kati, V.**, Poirazidis, K., Halley, J. M., Korakis, G., Schindler, S., Papaioannou, H., and Dimopoulos, P. 2009 Ecological heterogeneity and biodiversity patterns as exemplified in the Dadia National Park (NE Greece). 52nd IAVS Symposium. Vegetation processes and human impacts in a changing world, Crete, Greece, 30 May- 4 June.
22. Kret, E., Poirazidis, K., and **Kati, V.** 2009. Multi-scale modeling of amphibian pond-breeding habitat: the effect of landscape characteristics on species distribution and community structure. 2nd European Congress of Conservation Biology. Conservation biology and beyond: from science to practice, Prague. 1-5 September. Chech University of Life Sciences, p187.
23. Lakka, V., Papadatou, E., Sfendourakis, S., and **Kati, V.** 2009. Perceptions and attitudes of hunters with respect to problems in game management in Greece: a case study from the region of Epirus. In. 2nd European Congress of Conservation Biology. Conservation biology and beyond: from science to practice, Prague. 1-5 September. Chech University of Life Sciences, p 188.
24. Massa, R., Ramsey, A., Dieterich, M., Gilchrist, P., and **Kati, V.** 2009. A new educational target in conservation: people from whom you would not buy a used car. In. 2nd European Congress of Conservation Biology. Conservation biology and beyond: from science to practice, Prague, 1-5 September. Chech University of Life Sciences, p 91.
25. Poirazidis, K., Schindler, S., **Kati, V.**, Martinis, A., Kalivas, D., Kasimiadis, D., Wrbka, T., and Papageorgiou, A. 2009. Conservation of biodiversity in managed forests: an integrated approach using multi-function forest services. Second DIVERSITAS Open Science Conference - Biodiversity and society: understanding connections, adapting to change, Cape Town, South Africa, 13-16 October. DIVERSITAS.
26. Schindler, S., Poirazidis, K., **Kati, V.**, and Papageorgiou, A. 2009. Conservation of biodiversity in managed forests: an integrated approach using multi-function forest services. 1st Latin American IALE conference, Campos de Jordao, Brazil, 4-7 Oct. IALE.
27. Schindler, S., Poirazidis, K., **Kati, V.**, Kalivas, D., Papageorgiou, A., and Wrbka, T. 2009. Conservation of biodiversity in managed forests: An integrated approach using multi-function forest services. In: Breuste, J., Kozová, M., and Finka, M. (Eds). European Landscapes in Transformation: Challenges for Landscape Ecology and Management. European IALE Conference, Salzburg, Austria & Bratislava, Slovakia, 12-16 July. IALE, p 192.
28. Schindler, S., **Kati, V.**, von Wehrden, I., Wrbka, T., and Poirazidis, K. 2009. Testing functional groups and structural indicators as predictors of biodiversity. Second DIVERSITAS Open Science Conference - Biodiversity and society: understanding connections, adapting to change. Cape Town, South Africa, 13-16 October . DIVERSITAS.

29. Zografou, K., Sfenthourakis, S., Pullin, A., and **Kati, V.** 2009. Are red-listed butterflies good indicators for butterflies and grasshoppers? A case study in a mediterranean mountainous reserve, Greece. In: 2nd European Congress of Conservation Biology. Conservation biology and beyond: from science to practice. Prague, 1-5 September. Czech University of Life Sciences, p. 226.
30. Gasteratos, I., **Kati, V.**, Kazantzidis, S., Koutsias, N. 2010. Habitat use by waterbirds in three wetlands on Corfu Island, northwestern Greece. In: Third International Eurasian Ornithology Congress, Mytilini, 8-10 April.
31. Zografou, K., Sgardeli, V., **Kati, V.**, Wilson, R., Halley, J.M. 2012. Butterfly community changes over a 13 years period: just a case of neutral turnover? International Symposium: Future of Butterflies in Europe III. Dutch Butterfly Conservation. Wageningen, the Netherlands, 29-31 March.
32. Tzirkalli, E., Kadis, C., **Kati, V.**, Wilson, R.J., Tsintides, T., Christodoulou, C., Antoniou, A., Xenophonos, M., Makris, C., Halley, J.M. 2012. Butterfly distribution and diversity patterns along an elevation gradient in Cyprus. International Symposium: Future of Butterflies in Europe III. Dutch Butterfly Conservation. Wageningen, the Netherlands, 29-31 March.
33. Ioannidis, Y., Pafilis, P., Papadatou, E., **Kati, V.** 2012. Abundance, diversity and ecological structure of herpetofauna in a mountainous protected area of Greece. 12<sup>th</sup> International Congress on the Zoogeography, Ecology and Evolution of Southeastern Europe and the Eastern Mediterranean. 12th ICZEGAR, 18-22 June.
34. Zakkak, S., Trichas, A., **Kati, V.** 2012. Estimating ground beetle (Coleoptera: Carabidae) community composition in abandoned land in the area of Pindos mountains: Are biogeographical or human driven parameters more important? 12<sup>th</sup> International Congress on the Zoogeography, Ecology and Evolution of Southeastern Europe and the Eastern Mediterranean. 12th ICZEGAR, 18-22 June.
35. **Kati, V.**, Hovardas, A., Mihok, B., Selva, N., Dieterich, M. 2012. Conservation experts for a better implementation of Natura 2000 in Europe. 3<sup>rd</sup> European Congress of Conservation Biology. Conservation on the Edge. Glaskow. 28th August – 1<sup>st</sup> September
36. Zografou, K., Halley, J.M., Wilson, R.J. **Kati, V.** 2012. Diversity and distribution patterns of Butterflies and Orthoptera and their responses to local climate change: a comparative study for Dardia National Park, Greece over the last decade. 3<sup>rd</sup> European Congress of Conservation Biology. Conservation on the Edge. Glaskow. 28th August – 1<sup>st</sup> September
37. Tzirkalli, E., Kadis, C., **Kati, V.**, Wilson, R.J., Tsintides, T., Christodoulou, C., Antoniou, A., Xenophonos, M., Makris, C. and Halley, J.M. 2012. Biodiversity patterns (Lepidoptera) along an elevational gradient in Cyprus. 3<sup>rd</sup> European Congress of Conservation Biology. Conservation on the Edge. Glaskow. 28th August – 1<sup>st</sup> September.
38. Schindler, S., Gallardo, A., Gonzalez, E.J., Bessa, P., Cordonnier Th., Soler, R Martínez, J.O.L., Hainz-Renetzeder, C., **Kati, V.**, Wrbka, Th. 2012. Landscape structure as indicator of species diversity: a global meta-analysis. 3rd European Congress of Conservation Biology. Conservation on the Edge. Glaskow. 28<sup>th</sup> Aug. – 1<sup>st</sup> Sept.
39. Selva, N., Kreft, S., **Kati, V.**, Freudenberger, L., Ibsch, P.L. 2013 Roadless areas in Europe: why to keep them road-free? IENE 2012 International Congress: Safeguarding ecological functions across transport infrastructure, Potsdam-Berlin, Germany, 21 – 24 Oct. 2012 <http://iene2012.iene.info/>
40. Schindler, S., Bessa, P., Gallardo, A., González, E.J., Cordonnier, T., Soler, R., López Martínez, J.O., **Kati, V.** 2012. How does forest fragmentation affect biodiversity? A meta-analysis. IUFRO Landscape Ecology Conference. Chile, 5-12 Nov. 2012. p. 73.
41. Radovic, A., Wrbka, Th., Vassilev, K., **Kati, V.** 2013. Woody vegetation structure on land abandoned from agricultural production in South Europe. International Conference on Applied Statistics. Ribno (Bled), Slovenia. 22 – 25 Sept. <http://conferences.nib.si/AS2013>
42. Ibsch, P., Hoffmann, M., Sauermaun, J., Engle, E., Selva, N., **Kati, V.**, Freudenberger, L., Moore, R., Arsenis, K., Hobson, P. 2013. Roadless areas: working towards a comprehensive global assessment.

26<sup>th</sup> International Congress for Conservation Biology (ICCB 2013), Baltimore, USA. 21-25 July. <http://www.conbio.org/mini-sites/iccb-2013>.

43. Moore, R., Engle, E., Ibsch, P., Hoffmann, M., Sauermaun, J., Selva, N., **Kati, V.**, Arsenis, K., 2013. Roadless area mapping at global scale via Google Earth Engine. 26<sup>th</sup> International Congress for Conservation Biology (ICCB 2013), Baltimore, USA. 21-25 July. <http://www.conbio.org/mini-sites/iccb-2013>
44. Selva, N., Kreft, S., **Kati, V.**, Moore, R., Ibsch, P. 2013. Roadless and low-traffic areas as conservation targets and wilderness surrogates- the European perspective. 26<sup>th</sup> International Congress for Conservation Biology (ICCB 2013), Baltimore, USA. 21-25 July. <http://www.conbio.org/mini-sites/iccb-2013>
45. Zakkak, S. Radovic, A., Shumka, S., Nikolov, S., Kakalis, E., Mikulic, K., Dylgerova, S., **Kati, V.** 2013. Agricultural land abandonment v.s bird communities in the Balkans. What are the interactions and where are we heading to? 19<sup>th</sup> International Conference of the European Bird Census Council. Cluj Napoca, Romania. 17-21 September. [www.ebcc2013.ro](http://www.ebcc2013.ro)
46. **Kati, V.**, Kapsalis, E., Papaioannou, H. 2014. Forest Management for Woodpecker's Conservation: A Lesson from Epirus Sacred Groves, NW Greece. Ecology and Evolutionary Biology Symposium. Istanbul, Turkey. 12-13 July. <http://www.eebst2014.boun.edu.tr/EEBST-2014/Home.html>
47. Papaioannou, H., Kapsalis, E., **Kati, V.** 2014. Comparative Ecological Value of Sacred Groves versus Managed Forests in Terms of Bird Communities. Ecology and Evolutionary Biology Symposium. Istanbul, Turkey. 12-13 July. <http://www.eebst2014.boun.edu.tr/EEBST-2014/Home.html>
48. Selva, N., Kreft, S., **Kati, V.**, Switalski, A., Ibsch, P.L. 2014. Why keep areas road-free? Roadless and low-traffic areas as conservation targets. 5<sup>th</sup> International conference on Ecology and Transportation (IENE), Malmö, Sweden. 16-19 September. <http://iene2014.iene.info/>
49. Rohrer, A., Mayrhofer, H., **Kati, V.**, Muggia, L. 2014. Species richness and diversity of lichen communities by conservation through religion. XVI Meeting of the Austria Botanical Association, XVI Österreichische Botanische Tagung, Graz, Austria, 25-27 September 2014.
50. Rohrer, A., Mayrhofer, H., **Kati, V.**, Muggia, L. 2014. Species richness and diversity of lichen communities by conservation through religion. XXVII Congress of the Italian Lichen Society, XXVII Congresso della Società Lichenologica Italiana, Montecatini Terme, Italy, 15-17.10.. 27° Notiziarion della Società Lichenologica Italiana (in press)
51. **Kati, V.** 2014. Assessing the conservation status of butterflies in Greece, under Habitats Directive. Butterfly Conservation Europe (BCC), 4<sup>th</sup> meeting of partners, Laufen, Germany, 1-3 December.
52. **Kati, V.** 2015. Perspectives on Natura 2000: From design to conservation. Invited speaker to symposium "Moving forward Strategic Planning at Scale: Lessons from Europe, Australia and the United States" 27<sup>th</sup> International Congress for Conservation Biology and 4<sup>th</sup> European Congress for Conservation Biology. Mission biodiversity: choosing new paths for conservation. Montpellier – France, 2-6 August.
53. **Kati, V.**, Kapsalis, E., Xystrakis, F., 2015. How religion can inform forest management for bird conservation: the case of sacred groves in Greece. 27<sup>th</sup> International Congress for Conservation Biology and 4<sup>th</sup> European Congress for Conservation Biology. Mission biodiversity: choosing new paths for conservation. Montpellier – France, 2-6 August.
54. Selva, N., Kreft, S., **Kati, V.**, Hoffmann, M., Pe'er, G., Switalski, A., Psaralexi, M., Votsi, N-E., Mazaris, A., Ibsch, P.L. P. Why remaining road-free matters: the importance of protecting roadless and low-traffic areas for conserving biodiversity under global change. 27<sup>th</sup> International Congress for Conservation Biology and 4<sup>th</sup> European Congress for Conservation Biology. Mission biodiversity: choosing new paths for conservation. Montpellier – France, 2-6 August
55. Tzortzakaki, O., **Kati, V.**, Giokas, S. 2015. Bird community composition along an urbanization gradient in a Mediterranean city. 27<sup>th</sup> International Congress for Conservation Biology and 4<sup>th</sup> European



Congress for Conservation Biology. Mission biodiversity: choosing new paths for conservation. Montpellier – France, 2-6 August.

56. Tzirkalli, E., Anastassiou, H.T., Emmanouel, N.G., Gavalas, N., Kassara, Ch., Pamperis, L., Papapavlou, K., Tzortzakaki, O. Zografou, K., **Kati, V.** 2015. A novel butterfly monitoring scheme in Greece. 27th International Congress for Conservation Biology and 4th European Congress for Conservation Biology. Mission biodiversity: choosing new paths for conservation. Montpellier – France, 2-6 August.
57. Zakkak, S., **Kati, V.** 2015 Biodiversity under the light of agricultural land abandonment, interactions, implications and the need to preserve rural mosaics. 27th International Congress for Conservation Biology and 4th European Congress for Conservation Biology. Mission biodiversity: choosing new paths for conservation. Montpellier – France, 2-6 August.
58. Zakkak, S., Zografou, K., **Kati, V.**, Chatzaki, M. 2015. Walking in the sun or hiding in the woods? Spiders may not be so creepy after all! (a case study on spiders's responses in Greece). 27th International Congress for Conservation Biology and 4th European Congress for Conservation Biology. Mission biodiversity: choosing new paths for conservation. Montpellier – France, 2-6 August.
59. Vasilakis, D. P., Whitfield, P. D., Schindler, S., Poirazidis, K. S., **Kati, V.** 2015. How green are large scale wind farm development projects? A win-win spatial planning allowing green investments and conserving cinereous vultures (*Aegypius monachus*). 27th International Congress for Conservation Biology and 4th European Congress for Conservation Biology. Mission biodiversity: choosing new paths for conservation. Montpellier – France, 2-6 August.
60. Vasilakis, D. P., Whitfield, P. D., **Kati, V.** 2015. Can wind farm collision mortality of an endangered vulture (*Aegypius monachus*) be predicted using the wind farm-colony distance? 13th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions- 13th ICZEGAR. Hellenic Zoological Society. Irakleio, Greece, 7-11 October.
61. Tzortzakaki, O., **Kati, V.** Giokas, S. 2016. Seasonal fluctuation of bird diversity along an urbanization gradient. BOU 2016 Annual Conference. Urban birds: Pressures, processes and consequences. University of Leicester, UK, 5 – 7 April

**Announcements in national congresses [in Greek] : 31 (not listed)**

## **SERVICESHIPS & SCIENTIFIC DISTINCTIONS**

### **Editorial boards/ Reviewer**

**Editorial boards [3]:** Journal for Nature Conservation. 2013-present [ I.F. 2,220]. Scientific World Journal: Ecology. 2013-2017 [*open access*]. International Journal of Biodiversity. 2012-present [*open access*].

**Reviewer in scientific Journals [32]:** Acta herpetologica, Acta Oecologica, African Journal of Zoology, Amphibia-Reptilia, Biodiversity and Conservation, Biological Conservation, Canadian Journal of Zoology, Community Ecology, Conservation Biology, Conservation Letters, Diversity & Distributions, Environmental Management, Environmental Monitoring and Assessment, European Journal of Entomology, Ecological Indicators, Folia Zoologica, Ibis, Insect Conservation and Diversity, International Journal of Biodiversity, Journal for Nature Conservation, Journal of Applied Ecology, Journal of Arid Environments, Journal of Biodiversity Management & Forestry, Journal of Environmental Management, Journal of Natural History, Landscape & Urban Planning, Methods in Ecology and Evolution, Koedoe - African Protected Area Conservation and Science, Naturwissenschaften, Oikos, PlosOne, Scientific World Journal: Ecology, Acta herpetologica, , Acta Oecologica, , African Journal of Zoology, Amphibia-Reptilia , Biodiversity and Conservation , Biological Conservation , Canadian Journal of Zoology , Community Ecology, Conservation

Biology, Conservation Letters , Diversity & Distributions , Environmental Management , Environmental Monitoring and Assessment, European Journal of Entomology, Ecological Entomology, Ecological Indicators, Folia Zoologica , Frontiers in Ecology and the Environment, Ibis, Insect Conservation and Diversity, International Journal of Biodiversity , Journal for Nature Conservation, Journal of Applied Ecology, Journal of Arid Environments, Journal of Biodiversity Management & Forestry , Journal of Environmental Management, Journal of Natural History , Landscape & Urban Planning , Methods in Ecology and Evolution , Koedoe - African Protected Area Conservation and Science, Nature Communications, Naturwissenschaften, Oikos, PloS ONE, Scientific World Journal: Ecology

### International societies and committees

- **Network for European Mountain Research (NEMOR)**
  - 2019 -present: Founding member
- **Society for Conservation Biology [SCB]**
  - 2004-present: National focal point for Greece
  - 2004-present: Member of the Policy Committee in Europe [PC/SCB-Europe].
  - 2007-2010: Elected Member in the European Board of Directors (BOD/SCB-Europe).
  - 2007-2010: Chair of Education Committee in Europe [EC/SCB-Europe].
  - 2007-2010: Member of the Global Conservation Education Committee
- **Diversitas**
  - 2005: DIVERSITAS: the International Program for Biodiversity Science. Focal point for Greece.
- **Biodiversa**
  - 2016: Evaluator of research projects ERA-net project Co-fund, funded under the EU's Horizon 2020 Framework Programme for Research and Innovation. <http://www.biodiversa.org/2>
  - 2008: Evaluator of research projects of ERA-net project within the European Union's 6th framework programme for research. 2008. <http://www.eurobiodiversa.org/>.
- **DG Environment**
  - 2009-2013: Invited as Biodiversity expert in the committee Ad Hoc Expert Working Group on Biodiversity and Climate Change» by DG Environment- Nature and Biodiversity.
  - 2009: Invited expert by to attend the symposia: «The economics of ecosystems and biodiversity» and «Economics for nature conservation» in 2<sup>nd</sup> European Congress of Conservation Biology, 1-5 Sept, Prague, Czech Republic.
- **IUCN-International Union for Nature Conservation.**
  - 2013-present: Member of the “Orthoptera specialist group”

### National societies and committees

- **Hellenic Ecological Society.** 2014-2016. General Secretary. [Member since 2003].

- **Hellenic Zoological Society.** 1997 present. Member.
- **Hellenic Herpetological Society.** 2012-present. Board Member.
- **CITES committee.** 2011–2014. Alternate Board Member.
- **Management Agency of Pamvotis Lake.** 2003-2005. Board Member.

## Congress organization

### International congresses

- 2006. 1<sup>st</sup> European Congress of Conservation Biology. “Diversity for Europe”. Society for Conservation Biology. Eger, Hungary. 22-26 August. Organizing the Workshop: “Natura 2000 in Europe”
- 2006. 1<sup>st</sup> European Congress of Conservation Biology: “Diversity for Europe”. Society for Conservation Biology. Eger, Hungary. 22-26 August. Organizing the poster session: “Natura 2000 in Europe”.
- 2009. 52<sup>nd</sup> International Association for Vegetation Science Symposium (IAVS): “Vegetation processes and human impacts in a changing world”. Crete, Greece. 30th May – 4th June. <http://www.iavs2009.org/>. Organizing committee.
- 2009. 2<sup>nd</sup> European Congress of Conservation Biology (ECCB): “Conservation biology and beyond: from science to practice”. Society for Conservation Biology. Czech University of Life Sciences, Prague. 1-5 September. Scientific and Programme Advisor Committee. <http://www.eccb2009.org>
- 2009. 2<sup>nd</sup> European Congress of Conservation Biology (ECCB): “Conservation biology and beyond: from science to practice”. Society for Conservation Biology. Czech University of Life Sciences, Prague. Organizing the pre-conference training course “Curriculum Design in Conservation Biology” (A. Ramsey, R. Massa, A. Vella, V. Kati), 1<sup>st</sup> Sept.
- 2009. 2<sup>nd</sup> European Congress of Conservation Biology (ECCB): “Conservation biology and beyond: from science to practice”. Society for Conservation Biology. Czech University of Life Sciences, Prague. Organizing the symposium: “Natura 2000” (Policy Committee of SCB).

### National congresses

- 2006. 17<sup>o</sup> National Congress of Hellenic Zoological Society & Hellenic Ecological Society: “Ecology & Biodiversity Conservation”. Ioannina, Greece: 16-19 November. Local organizing committee.
- 2014. 7<sup>th</sup> National Congress of the Hellenic Ecological Society “Ecology: linking systems, scales and research fields”. Mytilene, 7-12 October. Member of Scientific Committee.
- 2016. 8<sup>th</sup> National Congress of the Hellenic Ecological Society «150+ Years of Ecology: Structures, Dynamics and Survival Strategies”. Thessaloniki, 20-23 October. Organizing Committee. <http://helecos-8.web.auth.gr/en>
- 2016. 8<sup>th</sup> National Congress of the Hellenic Ecological Society «150+ Years of Ecology: Structures, Dynamics and Survival Strategies”. Thessaloniki, 20-23 October. Organizing a special session: “The biomonitoring project in Greece” Hellenic Ecological Society – Kati V., Tsiripides I., Vokou D. <http://helecos-8.web.auth.gr/en>
- 2016. 8<sup>th</sup> National Congress of the Hellenic Ecological Society «150+ Years of Ecology: Structures, Dynamics and Survival Strategies”. Thessaloniki, 20-23 October. Organizing a special session: «Ecological Research beyond the walls: (a) In Environmental Non-Governmental Organizations (ENGOS), (b) In Management Agencies of protected areas. Hellenic Ecological Society – Kati V., Koutsoubas D., Vokou D. <http://helecos-8.web.auth.gr/en>

### Organization of International summer schools

- 2014-2015. Member of the **organizing committee** of the international school «Greek Summer School in Conservation Biology: Biodiversity Theory and Practice» (6 ECTS). Coordinator: University of Ioannina, Department of Biological Applications and Technology (Prof. J. Halley) (<http://gss.bat.uoi.gr>).
- 2008-2009. **Chair** of the Greek Summer School (GSS) “Introduction to Conservation Biology”. Papingo, 31<sup>st</sup> Aug -7<sup>th</sup> Sept 2008 and 10-18 Oct 2009. Society for Conservation Biology, University of Ioannina, and Center of Biological & Cultural Diversity. Partners: University of Cumbria (UK), University of Malta (Malta), Universität Hohenheim (Germany), Università degli Studi di Milano-Bicocca (Italy) and University of Ioannina (Greece). One-week international summer school for 15 European students. ([www.cbcd.eu/gss](http://www.cbcd.eu/gss)).
- 2010–2012. **Chair** of the Erasmus Intensive Programme: «Conservation Biology in Europe: building a coherent strategy for the future» (7 ECTS). State Scholarships Foundation (IKY). Partners: University of Ioannina (Greece), University of Cumbria (UK), Aarhus Universitet (Denmark), Universität Hohenheim (Germany), Università degli Studi di Milano-Bicocca (Italy) & University of Sienna (Italy). Two-week intensive programme for 15 undergraduate students. ([www.cbcd.eu/gss](http://www.cbcd.eu/gss)).

### Invited lectures

- 2001 (May). Invited lecture: "Biodiversity Assessment and Conservation". Institut für Zoologie II. **Universität Erlangen-Nürnberg**, Germany.
- 2004 (December). Invited lecture: "National park management: a case study in Dadia Reserve, Greece". Institut für Zoologie und Anthropologie. **Universität Goettingen**, Germany..
- 2012 (April). Invited lecture: «Conservation management of a lake reserve in Greece. Linking science with policy». Department für Tropen ökologie und Biodiversität de Tiere. Fakultät für Lebenswissenschaften. **University of Vienna**, Austria.
- 2012 (May). Plenary lecture: “Biodiversity conservation in practice: from research to policy”. 34<sup>o</sup> Congress of **Hellenic Society of Biological Sciences** (EBEE). Trikala, Greece.

### Scholarships & Awards

- 1992-1995. **Grant** from State Scholarships Foundation-IKY for the best undergraduate student in Biology Department (Aristotle University of Thessaloniki).
- 1995-1996. **Erasmus scholar** of of State Scholarships Foundation-IKY for one year.
- 1997-1999. **Scholarship** from Bodossaki Institute as Doctoral student.
- 2000-2001. **Scholarship** from Alexandros S. Onassis Institute as Doctoral student.
- 2003. **Award** for doctoral thesis quality held by the Hellenic Ministry of Environment and Public Works, after evaluation of the National Natura 2000 Committee.
- 2005. **Grant** from Bodossaki Institute to represent Greece in the congress “DIVERSITAS - Integrating biodiversity science for human well-being”. Oaxaca, Mexico.

### TEACHING

**Undergraduate courses (11):** Biodiversity and Climate Change (2019-present), Applied Ecology (2017-2018), Conservation Biology (2020-present), Field Ecology (2018-present), Biodiversity Conservation

(2002-2016); Wild fauna management (2006-2016); Protected areas management (2002-2016); Monitoring of habitats and species (2008-2016); Plant Ecology (2002-2006); Environmental Planning and Sustainable Development (2006-2007); General Biology (2001-2003).

**Postgraduate courses (6):** (A) In the frame of the MSc course “Sustainable Management of Protected areas”, coordinated by the Department of Environmental & Natural Resources Management of the University of Ioannina, in collaboration with the Departments of Biology of Aristotle University of Thessaloniki and of University of Patras: (1) Sampling design of biotic parameters and statistical analysis; (2) Biodiversity-introduction; (3) Sustainability and Conservation. (B) In the frame of the MSc “Environmental management and protection applications” coordinated by the Department of Environmental & Natural Resources Management of the University of Patras [2015-present]: (4) Environmental data analysis and simulation processes, (5) Ecosystems, environmental risks management, (6) Fieldwork techniques.

**International courses (4):** (1) Biodiversity conservation - environmental management (Institut für Zoologie II, Universität Erlangen-Nürnberg: 2002); (2) Introduction to Conservation Biology (International summer school GSS: 2008-2009); (3) Conservation Biology in Europe: Building a coherent strategy for the future (Erasmus IP: 2010-2012); (4) Conservation Biology: Biodiversity Theory and Practice (International summer school GSS: 2014-2015).

## **SUPERVISION OF THESES**

### **Supervisor of PhD theses**

1. Zakkak, S. 2010-2015. «Impact of agro-pastoral abandonment on landscape structure and biodiversity». Department of Environmental & Natural Resources Management, University of Patras [Advisory Committee: Ass. Prof. T. Akriotis (University of Aegean), Prof. J. M. Halley (University of Ioannina)].
2. Vasilakis, D. 2011-2016. «Cinereous vulture (*Aegypius monachus*) conservation and management in S.E. Europe: modeling its movement ecology for the sustainable spatial planning of wind farms». Department of Environmental & Natural Resources Management, University of Patras. [Advisory Committee: Prof. S. Sgardelis (Aristotle University of Thessaloniki), Ass. Prof. N. Koutsias (University of Patras)].
3. Tzirkalli E. 2010-present (supervisor since 2017): «Biodiversity patterns versus local climate change in Cyprus». Department of Biological Applications and Technology of the University of Ioannina [Advisory Committee: Prof. J.M. Halley (University of Ioannina), Assoc. Prof. I.Vogiatzakis (Open University of Cyprus)].
4. Petridou M. 2018-present. “Wolf ecology and predation behavior: a conflict minimization strategy towards sustainable livestock breeding” [Advisory Committee: Dr. Olivier Gimenez (CNRS, France), Ass. Prof. John F. Benson (University of Nebraska Lincoln, USA)]
5. Sidiropoulos, L. 2018-present. “Conservation ecology of golden eagle: the case of Northern Greece” [Advisory Committee: K. Poirazidis, C. Astaras]

### **Advisory committee of PhD theses**

1. Zografou K. 2009-2014. «Diversity patterns of butterflies and orthopterans in Greece and their responses in local and global climate change». Department of Biological Applications and Technology of the University of Ioannina (Prof. J. M. Halley).
2. Tzortzakaki O. 2013-2018. «Patterns of urban and semi-urban biodiversity». Department of Biology, of the University of Patras (Ass. Prof. S. Giokas).
3. Kapsalis G. 2014-present. «Behavioural and physiological defense responses of lizards in environments of ranging predation» Department of Biology of the University of Athens (Ass. Prof. P. Pafilis).
4. Karamitsou A. 2019-present. «Biogeographical patterns of biodiversity distribution in relation to forest fires in Mediterranean ecosystems, using geoinformatic methods». Department of Environmental Engineering, University of Patras. (Assoc. Prof. N. Koutsias)
5. Psaralexi M. 2018-present. «Evaluation of road network effects on brown bear (*Ursus arctos*) and selection of compensatory measures». Department of Biology, Aristotle University of Thessaloniki (Prof. S. Sgardelis)

### **Supervisor of MSc theses**

1. Lakka V. 2006-2008. «Current trends of hunting in Epirus, Greece». [In Greek]
2. Zografou K. 2006-2008. Ecological study of insect fauna (orthopterans, butterflies) in Grammos area” [In Greek]
3. Gerofoka P. 2006-2009 «Methodological approach on assessing the passerine diversity in Grammos protected area». [In Greek]
4. Tsolakos K. 2008-2009. «Current trends of hunting in Peloponnesus, Greece». [In Greek]
5. Gasteratos I. 2008-2010. «Ornithological value of the protected areas of Corfu». [In Greek]
6. Fassoulas A. 2010-2012. «Impact of fire on biodiversity in Mediterranean ecosystems: a review». [In Greek]
7. Kapsalis E. 2010-2012. Ecological value of sacred groves for woodpeckers and implications for forest management. [In Greek]
8. Karamitsou A. 2016. «Passerine community composition and structure in the National Park of Messologi Lagoon». [In Greek]
9. Zacharopoulou P. 2016. «Distribution patterns of community structure of orthopternas in the National Park of Tzoumerka-Peristeri and Aracthos gorge».

### **Supervisor of Diploma theses**

1. Michaelides G. 2006-2007. Herpetofauna diversity in the protected area of Xeros Potamos in Cyprus.
2. Melidou K. 2006-2007. Current trends of hunting in W. Macedonia, Greece.
3. Christodoulou Th. 2009-2010. Socioeconomic status and development perspectives of remote areas: the case of Kechros community in Thrace.
4. Tzaneti E. 2009-2010. Bat diversity in Agrinio area (Agrinio, Trichonida, Lyssimachia).
5. Giakoumelou A. 2006- 2013. Ecotourism in Zakynthos.
6. Papagiannakis I. 2011- 2013. Impact of renewable energy resources on biodiversity.
7. Karageorgos D. 2011- 2013. Impact of renewable energy resources on biodiversity.

8. Anastasopoulou E. 2012 –2013. Monitoring of a population of yellow-bellied toad (*Bombina variegata*) in a stream of Papigo community (Northern Pindos National Park).
9. Bougioukos A. 2014-present. Distribution patterns and ecological preferences of *Paracaloptenus calloptenoides moreanus* in Peloponnesus, Greece.
10. Fotou S. 2014- present. Distribution patterns and ecological preferences of *Paracaloptenus calloptenoides moreanus* in Peloponnesus, Greece..
11. Paraskakis G. 2014-present, Road impact on biodiversity
12. Staboulis O. 2015-2016. Daily activity patterns of mammals in the broader Kalamas area.
13. Sipsa H. 2015-2016. Daily activity patterns of mammals in the broader Tzoumerka area.
14. Zacharou X. 2017. Butterfly patterns in Greece
15. Saxaridou D. 2018. Impact of grazing on invertebrate diversity and ecosystem function.
16. Rizou M. 2018-...Seasonal patterns of *Podiceps cristatus* in Pamvotis Lake.
17. Stefanidis A. 2019-.. Orthoptera diversity in Mitsikeli Mountain.

#### **ACADEMIC ADMINISTRATIVE SERVICESHIPS**

- Member of **Student Board** of Biology Department of Aristotle University of Thessaloniki, Student representative in the Biology Department General Assembly, Student representative in Ecology Section of Biology Department (1993-1995).
- Member of **Library Committee** of University of Ioannina (2007-2009).
- Chair of **Erasmus LLP Committee** of the University of Western Greece (2011-2013), Erasmus Coordinator in the Department of Environmental & Natural Resources Management of University of Patras. Alternate Member of Erasmus LLP Committee of the University of Patras (2014-2016).
- **Department Committees (University of Patras)**: Committee of diploma theses defense (2010-2016), Committee for Department evaluation in terms of teaching and research (2010-2016), Event Organization Committee (2006-2010), Academic supervisor for students' practicals (2011-2016), several provisional committees.