

Emilio Padoa-Schioppa

Curriculum Vitae (March 2018 – full CV, English)

Born: January 2, 1971 C.F. : PDSMLE71A02F205H

Nationality: Italian.

Married, two daughters

Contact details:

Università degli Studi di Milano-Bicocca

Dipartimento di Scienze dell'Ambiente e della Terra

(*Department of Earth and Environmental Sciences*)

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Education:

2002: **PhD** in Environmental Sciences, University of Milano (Italy).

Thesis title: "Landscape Ecology in Agricultural Park South-Milano".

1996: **Master Degree**, in Natural Sciences – Conservation Biology, University of Milan.

Dissertation title (in Italian): "Conservation of Gariglione's Forest (National Park of Calabria) applying Landscape Ecology principles".

1989: **Classical Lyceum**.

Academic Employment

28 November 2017	National habilitation as full professorship in Ecology
01/10/2016 – present	Associate professor of ecology
01/02/2005-30/09/2016	Assistant professor of ecology
2008	Tenure as assistant professor in Ecology
2014	National habilitation as associate professorship in Ecology
2003-2004	Post-doctoral researcher , University of Milano-Bicocca, research theme Ecological network in Pavia district – grant from "Fondazione Banca del Monte di Pavia"
2000-2002	Ph.D. fellowship PhD grant from Agricultural Park South-Milano.
1998-1999	Post degree fellowship grant from "Fondazione Lombardia per l'Ambiente".

1 Research activity

- 2016-2017 **CALME 2** (Connettività ambientale Lambro meridionale), financed by CARIPLO foundation
- 2015-2016 **SINERGIA**- *Responsabile scientifico dott. Andrea Franzetti*, financed by INAIL
- 2014 – 2017 **NEUFOR** Innovative models for the analysis of ecosystem services of forests in urban and periurban context PRIN project, responsible of UNIMIB Unit
- 2014 – 2015 **CALME** (Connettività ambientale Lambro meridionale), financed by CARIPLO foundation
- 2012 – 2014 **EMONFUR** - Establishing a Monitoring Network to assess lowland Forest and Urban plantation status in Lombardy Region and Slovenian” (LIFE+ 10 ENV/IT/399) (responsible of UNIMIB Unit)
- 2010 – 2013 **BIOSOS** – “*Biodiversity Multi-SOource Monitoring System: From Space To Species*” FP7-SPACE-2010-1 (responsible of UNIMIB Unit)
- 2012 – 2013 **RARE** (*Riqualificazione Aree Residuali tra I comuni di Pieve Emanuele e Locate Triulzi*) – *Restoration of environment in Pieve Emanuele and Locate Triulzi municipality*), financed by CARIPLO foundation
- 2010 – 2011 **RAMPE 2** (*Riqualificazione Ambientale Pieve Emanuele – Restoration of environment in Pieve Emanuele municipality*) Prosecution of project RAMPE, financed by CARIPLO foundation
- 2008 – 2009 **RAMPE** (*Riqualificazione Ambientale Pieve Emanuele – Restoration of environment in Pieve Emanuele municipality*) A project of restoration of a wetland in Pieve Emanuele (municipality of Milano district) financed by CARIPLO foundation
- 2007-2009 *Conservation of Biodiversity and Landscape Ecology in Himalaya and Karakorum* –A project financed by EvK2-CNR devoted to increase the knowledge ob biodiversity in Himalaya and Karakorum mountains at species and landscape level
- 2005-2006 **REFER** *Research finalized to the estimation of the Ecological and Functional values of standard typologies of urban and pERiurban green areas* – A PRIN project. He’s responsible for the research of connections between green areas and biodiversity in the town of Milano
- 2003-2005 **BIOHAB** – “*A framework for the coordination of Biodiversity and Habitats*”– Concerted Action, V° Framework Program EVK2-2001-00362) in cooperation with Alterra Institute, Wageningen (NL) and other 12 European research institutes. He was co-editor of the final report
- 2003-2004 *Ecological network in Pavia district* (He obtained a two years post-doc fellowship)
- 2000-2004 *Mountain Environment protection in Sagarmatha National Park*”– C.N.R. EV-K2-Ronast;he leaded two expeditions. The research aim was an evaluation between man and environment relationship and interaction in Everest area
- 2000-2002 *Landscape ecology in Agricultural Park South-Milano* (he obtained a three years Ph.D. fellowship. The aim of the research was to develop a criteria to plan an ecological network in agricultural landscapes).
- 1998-1999 *The use of landscape ecology ideas to restore suburban fringe areas* (He obtained a fellowship from “Fondazione Lombardia per l’Ambiente)
- 1993-1995 *Climatology and Environment in South Italy*”: strategic C.N.R. (National Research Council) project “*Climatology and Environment in South Italy*” (grant. 95.00015; coordinated by professor A. Moroni), section “*Landscape Ecology*”. He was responsible of a comparison between phytosociological mosaics and a structural mosaic of the forest

2 Teaching activity

2.1 Courses

- 2014-present **Fundamentals of Biology and Didactics** (degree of Sciences of Primary Formation, University of Milano-Bicocca; 9 CFU)
- 2005-present **Landscape Ecology** (degree of Sciences and Technology for Environment and Landscape, University of Milano-Bicocca; 6 CFU)
- 2012-2015 **Didactics of Biology and Environmental Sciences** (post degree courses for teachers of sciences in the secondary school 4 CFU)
- 2006-2012 **Didactics of Biology** (degree of Sciences of Primary Formation, University of Milano-Bicocca; 4 CFU)
- 2004-2013 **Environmental Education** (degree of Sciences of Primary Formation and Anthropology, University of Milano-Bicocca; 4CFU)
- 2004-2009 **Ecology** (degree of Environmental Architecture, Polytechnic University of Milan; 4 CFU)
- 2000-2003 **Ecology** Master of Environment Integrated Management (University of Pavia)

2.2 Other teaching responsibilities

- 2017- present Doctoral school of University Milano-Bicocca, **vice coordinator** of the Doctoral course **Chemical, Geological and Environmental Sciences** and responsible of the curriculum of Environmental Sciences
- 2017-present **Responsible of post doc fellowship** – Claudia Canedoli (Ecosystem services in mountain protected area) Financed by University of Milano-Bicocca
- 2000-present **Tutor of degree thesis.** Environmental Sciences, Biological Sciences, Natural sciences, Primary Formation Sciences, Education Sciences, anthropology (about 90 degree thesis)
- 2014-2017 **Tutor of Ph.D. Thesis** Ph.D. in Environmental Sciences, University of Milano-Bicocca, Candidate Claudia Canedoli, Title “Ecosystem services in Urban Parks of Milano Area”
- 2012-2014 **Responsible of post doc fellowship** -Francesco Ficetola (biogeography and conservation of reptiles and amphibians inwestern Paelearctic) Financed by University of Milano-Bicocca (now Francesco Ficetola is associate professor of Zoology at University of Milano)
- 2011-2012 **Responsible of post doc fellowship** –Anna Bonardi, (Ecological Niche Modeling) Financed by BIOSOS project
- 2007-2009 **Co-tutor of Ph.D. Thesis** Ph.D. In Natural and Environmental Sciences, University of Milano, Candidate: Patrizia Digiovinazzo; Title: Effetti della frammentazione sulla biodiversità vegetale delle formazioni boschive in ambito antropizzato (Fragmentation effects on biodiversity of vegetation)
- 2007-2008 **Responsible of post doc fellowship** - Francesco Ficetola (biodiversity conservation in Himalaya and Karakorum) Financed by Ev-K2-CNR

3 Other professional experiences

- 2000-2003 **Ecology** Master of Environment Integrated Management (University of Pavia)
- 1997-2006 **Environmental consult:** Evaluation and mitigation of the effects of several infrastructures (highways, pipelines, railways) on biodiversity.
- 1996-1997 **Military service:** (Carabiniere ausiliario, arma dei Carabinieri)

4 Prizes and other activity

4.1 Prizes

2001: Premio Marchetti (Società Italiana di Ecologia),

4.2 Referee and external expert

Editor:

Editor (from march 2017) of Acta Herpetologica

Guest editor for a special issue of "Earth Observation for Habitat Mapping and Biodiversity Monitoring" in the *International Journal of Applied Earth Observation and Geoinformation*

Referee: Landscape Ecology, Ecological Indicators, Landscape and Urban Planning, Landscape Research, Journal of Field Ornithology, International Journal of Applied Earth Observation and Geoinformation,

Evaluation of research projects

As expert in landscape ecology and biodiversity conservation I was required to review different research projects.

- PRIN (Progetti di ricerca di interesse nazionale – Research projects of national interest, Italian Ministry of University)
- FIRB (Futuro Ricerca di base, Research projects for future, Italian Ministry of University)
- Austrian Science Fund (FWF)

4.3 Other responsibility:

Publicity Officer of IALE (International Association of Landscape Ecology) from 2009 to 2015

Treasurer of IALE- Europe (International Association of Landscape Ecology, European chapter, from 2011 to 2017)

Vice-president of the SIEP-IALE (Società Italiana di Ecologia del Paesaggio – The Italian chapter of International association for Landscape Ecology) (from 2015 – before secretary and treasurer)

In February 2016 I proposed to organize the 10th World Congress of IALE. The proposal was accepted and now I'm the chairman of the Congress – Congress theme: "Nature and society facing the Anthropocene: challenges and perspectives for landscape ecology"

Now I'm chair of the congress - <http://www.iale2019.unimib.it/>

I cooperate in organizing national congress of SIEP-IALE: 2002 (Milano), 2004 (Genova), 2008 (Bari), 2016 (Asti).

As treasurer of IALE-Europe I contributed to organize the two congresses of Manchester and of Ghent

5 Publications

Bibliometric records (February 2018)

ISI

Paper: 41 – H index 17 –

Scopus

Paper: 43 – H index 19

Google scholar – Paper: 98; H index 22; i10 index 33

A – ISI or SCOPUS papers

1. Canedoli, C.; Manenti, R.; **Padoa-Schioppa, E.** (*accepted*) Birds biodiversity in urban and periurban forests: environmental determinants at local and landscape scales *Urban ecosystems*
2. Canedoli, C., Crocco, F. Comolli, R., **Padoa-Schioppa E.**, (2017). Analysis of landscape fragmentation and urban sprawl in the urban region of Milan. *Landscape Research*. 1-20
3. Canedoli, C., Bullock, C., Collier, M., Joyce, D., & **Padoa-Schioppa, E.** (2017). public participatory mapping of cultural ecosystem services: Citizen perception and park management in the Parco Nord of Milan (Italy). *SUSTAINABILITY*, 9(6), 891.
4. Canedoli, C., Orioli, V, **Padoa-Schioppa, E.**, Bani, L, Dondina, O (2017) Temporal Variation of Ecological Factors Affecting Bird Species Richness in Urban and Peri-Urban Forests in a Changing Environment: A Case Study from Milan (Northern Italy) *Forests* 8, 507; doi:10.3390/f8120507
5. Gandolfi, I; Canedoli, C; imperator, V; Tagliaferri, I; Gkorezis; Vangronsveld, J; **Padoa-Schioppa, E;** Papacchini, M; Bestetti, G; Franzetti, A; (2017) Diversity and hydrocarbon-degrading potential of epiphytic microbial communities on *Platanus x acerifolia* leaves in an urban area. *Environmental Pollution* 220: 650-658
6. Ficetola, GF; Colleoni, E; Renaud, J; Scali, S; **Padoa-Schioppa, E;** Thuiller, W (2016) Morphological variation in salamanders and their potential response to climate change *Global Change Biology* 22: 2013-2014(*cover paper*)
7. Niphadkar, M; Ficetola, GF; Bonardi, A; Nagendra, H; **Padoa-Schioppa, E;** (2016) Effect of landscape context on the invasive species *Lantana camara* in Biligiri Rangaswamy Temple Tiger Reserve, India *Tropical Ecology*, Vol. 57 (n° 1): 9-21
8. Ficetola, G. F., Rondinini, C., Bonardi, A., Baisero, D., **Padoa-Schioppa, E.** (2015), Habitat availability for amphibians and extinction threat: a global analysis. *Diversity and Distributions*. 21 (3): 302-311
9. Lang, S; Mairota, P; Pernkopf, L; **Padoa-Schioppa, E.** (2015) Earth observation for habitat mapping and biodiversity monitoring *International Journal of Applied Earth Observation and Geoinformation* 37: 1-6
10. C.A. Mùcher, L. Roupioz, H. Kramer, M.M.B. Bogers, R.H.G. Jongman, R.M. Lucas, V.E. Kosmidou, Z. Petrou, I. Manakos, **E. Padoa-Schioppa**, M. Adamo, P. Blonda (2015) Synergy of airborne LiDAR and Worldview-2 satellite imagery for land cover and habitat mapping: A BIO_SOS-EODHaM case study for the Netherlands *International Journal of Applied Earth Observation and Geoinformation* 37: 48-55
11. Ficetola, GF; Adamo, M; Bonardi, A; De Pasquale, V; Liuzzi, C; Lovergine, F; Marcone, F; Mastropasqua, F; Tarantino, C; Blonda, P; **Padoa-Schioppa, E.** (2015) Landscape features and Earth-Observation derived habitat maps for modelling amphibian distribution in the Alta Murgia National Park *International Journal of Applied Earth Observation and Geoinformation* 37: 152-159
12. Ficetola, G.F., Bonardi, A., Mùcher, C.A., Gilissen, N., & **Padoa-Schioppa, E.** (2014). How many predictors in species distribution models at the landscape scale? Land use versus LiDAR-derived canopy height. *International Journal of Geographical Information Science*. 28 (8): 1723-1739
13. Ficetola, G.F., Cagnetta, M., **Padoa-Schioppa, E.**, Quas, A., Razzetti, E., Sindaco, R., Bonardi A. (2014). Sampling bias inverts ecogeographical relationships in island reptiles. *Global ecology and biogeography*. 23 1303-1313
14. Colleoni, E., Denoël, M., **Padoa-Schioppa, E.**, Scali, S. & Ficetola, G.F. (2014) Rensch's rule and sexual dimorphism in salamanders: patterns and potential processes. *Journal of Zoology*, 293, 143-151.

15. Siesa, M.E., **Padoa-Schioppa, E.**, Ott, J., De Bernardi, F. & Ficetola, G.F. (2014) Assessing the consequences of biological invasions on species with complex life cycles: Impact of the alien crayfish *Procambarus clarkii* on Odonata. *Ecological Indicators*, 46, 70-77.
16. Ficetola GF, Rondinini C, Bonardi A, Katariya V, **Padoa-Schioppa E**, Angulo A (2014). An evaluation of the robustness of global amphibian range maps *Journal Of Biogeography* 41(2), 211-221
17. Masin, S., Bonardi, A., **Padoa-Schioppa, E.**, Bottoni, L., & Ficetola, G.F. (2014). Risk of invasion by frequently traded freshwater turtles. *Biological invasions* 16, 217-231
18. G.F. Ficetola, A. Bonardi, P. Mairota, V. Leronni, **Padoa-Schioppa E**. (2014). Predicting wild boar damages to croplands in a mosaic of agricultural and natural areas. *Current Zoology* 60(2), 170-179
19. Kosmidou,V; Petrou, Z; Bunce, RGH; Mùcher, CA; Jongman, RHG; Bogersc, MBM; Lucas, RM; Tomaselli, V; Blonda, P; **Padoa-Schioppa, E**; Manakosa, I; Maria Petrou, M (2014). Harmonization of the Land Cover Classification System (LCCS) with the General Habitat Categories (GHC) classification system. *Ecological indicators*, 36, 290-300.
20. Antrop M, Brandt J, Loupa-Ramos I, **Padoa-Schioppa E**, Porter J, Van Eetvelde V, Pinto-Correia T (2013). How landscape ecology can promote the development of sustainable landscapes in Europe: the role of the European Association for Landscape Ecology (IALE-Europe) in the twenty-first century. *Landscape Ecology*, vol. 28, p. 1641-1647
21. Ficetola GF, Bonardi A, Sindaco R, **Padoa-Schioppa E** (2013). Estimating patterns of reptile biodiversity in remote regions. *Journal Of Biogeography*, vol. 40, p. 1202-1211,
22. Ficetola GF, Bonardi A, Colleoni E., **Padoa-Schioppa E**, Scali S (2013). Evolution of Sexual Dimorphism in the Number of Tail Vertebrae in Salamanders: Comparing Multiple Hypotheses. *Evolutionary Biology*, 40/2: 220-227
23. Ficetola GF, Manenti R, De Bernardi F, **Padoa-Schioppa E** (2012). Can patterns of spatial autocorrelation reveal population processes? An analysis with the fire salamander. *Ecography*, vol. 35, p. 693-703,
24. Ficetola GF, Siesa ME, De Bernardi F, **Padoa-Schioppa E** (2012). Complex impact of an invasive crayfish on freshwater food webs. *Biodiversity And Conservation*
25. Ficetola GF, Siesa ME, **Padoa-Schioppa E**, De Bernardi F (2012). Wetland features, amphibian communities and distribution of the alien crayfish, *Procambarus clarkii*. *Alytes*, vol. 29, p. 75-87,
26. Ficetola GF, Siesa ME, Manenti R, Bottoni L, De Bernardi F, **Padoa-Schioppa E** (2011). Early assessment of the impact of alien species: differential consequences of an invasive crayfish on adult and larval amphibians. *Diversity And Distributions*, vol. 17, p. 1141-1151
27. Ficetola GF, Marziali L, Rossaro B, De Bernardi F, **Padoa-Schioppa E** (2011). Landscape – stream interactions and habitat conservation for amphibians. *Ecological Applications*, vol. 21, p. 1272-1282
28. Digiovinazzo P, Ficetola GF, Bottoni L, **Padoa-Schioppa E** (2011). Scenarios to reduce forest fragmentation and improve landscape multifunctionality: a study from northern Italy. *Carpathian Journal Of Earth And Environmental Sciences*, vol. 6, p. 23-34
29. Siesa ME, Manenti R, **Padoa-Schioppa E**, De Bernardi F, Ficetola GF (2011). Spatial autocorrelation and the analysis of invasion processes from distribution data: a study with the crayfish *Procambarus clarkii*. *Biological Invasions*, vol. 13 p. 2147-2160,
30. Bonardi A, Manenti R, Corbetta A, Vincenzo Ferri V, Fiacchini D, Giovine G, Macchi S, Romanazzi E, Soccini C, Bottoni L, **Padoa-Schioppa E**, Ficetola GF (2011). Usefulness of volunteer data to measure the large scale decline of "common" toad populations. *Biological Conservation*, vol. 144, p. 2328-2334,
31. Ficetola GF, Scali S, Denoël M, Montinaro G, Vukov TD, Zuffi MAL, **Padoa-Schioppa E** (2010). Ecogeographical variation of body size in the newt *Triturus carnifex*: comparing the hypotheses using an information-theoretic approach. *Global Ecology And Biogeography*, vol. 19, p.485-495,
32. Digiovinazzo P, Ficetola GF, Bottoni L, Andreis C, **Padoa-Schioppa E** (2010). Ecological thresholds in herb communities for the management of suburban fragmented forests *Forest Ecology And Management*, p. 343-349,
33. Ficetola GF, Maiorano L, Falcucci A, Dendoncker N, Boitani L, **Padoa-Schioppa E**, Miaud C, Thuiller W (2010). Knowing the past to predict the future: land-use change and the distribution of invasive bullfrogs. *Global Change Biology*, vol. 2010, p. 528-537,

34. Ficetola GF, Crottini A, Casiraghi M, **Padoa-Schioppa E** (2010). New data on amphibians and reptiles of the Northern Areas of Pakistan: distribution, genetic variability and conservation issues. *North-Western Journal Of Zoology*, vol. 6, p. 1-12,
35. Ficetola GF, **Padoa-Schioppa E**, Wang J, Garner TWJ (2010). Polygyny, census and effective population size in the threatened frog, *Rana latastei*. *Animal Conservation*, vol. 13, p. 82-89,
36. Ficetola GF, Visaggi B, Bonardi A, **Padoa-Schioppa E**, De Bernardi F (2010). Starting size and tadpole performance in the frog *Rana latastei*. *Journal Of Zoology*, vol. 284, p. 15-20,
37. Sanesi G, **Padoa-Schioppa E**, Lorusso L, Bottoni L, Laforteza R (2009). Avian Ecological Diversity as an Indicator of Urban Forest Functionality. Results from Two Case Studies in Northern and Southern Italy *Arboriculture & Urban Forestry*, vol. 35, p. 80-86,
38. Ficetola F, Thuillers W, **Padoa-Schioppa E** (2009). From introduction to the establishment of alien species: bioclimatic differences between presence and reproduction localities in the slider turtle. *Diversity And Distributions*, vol. 15, p. 108-116,
39. Ficetola GF, **Padoa-Schioppa E** (2009). Human activities alter biogeographical patterns of reptiles on Mediterranean islands. *Global Ecology And Biogeography*, vol. 18, p. 214-222,
40. Ficetola GF, **Padoa-Schioppa E**, De Bernardi F (2009). Influence of landscape elements in riparian buffers on the conservation of semiaquatic amphibians. *Conservation Biology*, vol. 23, p. 114-123,
41. Bunce RGH, Metzger MJ, Jongman RHG, Brandt J, De Blust G, Elena-Rossello R, Groom GB, Halada L, Hofer G, Howard DC, Kovar P, Mucher CA, **Padoa-Schioppa E.**, Paelinx D, Palo A, Perez-Soba M, Ramos Il, Roche P, Skanes H, Wrbka T (2008). A standardized procedure for surveillance and monitoring European habitats and provision of spatial data. *Landscape Ecology*, vol. 23 (1), p. 11-25,
42. **Padoa-Schioppa E.**, Baietto M (2008). Effects of tourism pressure on herd composition in Sherpa's villages of Sagarmatha National Park (Everest, Nepal). *The International Journal of Sustainable Development and World Ecology*, vol. 15, p. 412-418,
43. **Padoa-Schioppa E**, Baietto M, Massa R, Bottoni L (2006). Bird communities as bioindicators: the focal species concept in agricultural landscapes.. *Ecological Indicators*, vol. 6, p. 83-93,
44. Ficetola G.F, **Padoa-Schioppa E.**, Monti A, Massa R, De Bernardi F, Bottoni L (2004). The importance of aquatic and terrestrial habitat for the European pond turtle (*Emys orbicularis*): implications for conservation planning and management. *Canadian Journal of Zoology*, vol. 82, p. 1704-1712

B – Journals with review but not indexed in ISI or SCOPUS

45. Zambon, G., Bisceglie, A., **Padoa-Schioppa, E.**, & Canedoli, C. (2015). Il monitoraggio dell'avifauna presente in un parco urbano per mezzo del soundscape. *Rivista Italiana di Acustica*, 39(2), 13-20.
46. **Padoa-Schioppa E.** (2012). Il clima sta cambiando. *Elisir Di Salute*, vol. XIII, p. 74-77
47. **Padoa-Schioppa E**, Ficetola GF (2010). L'uomo e la geografia della vita. *Le Scienze*, vol. 504, p. 96-101,
48. **Padoa-Schioppa E** (2010). Dalla crisi ambientale nuove opportunità. *Consumatori, Diritti E Mercato*, vol.X, p. 25-39, ISSN: 1590-1661
49. **Padoa-Schioppa E.**, Digiovinazzo P, Ficetola G.F, Bottoni L (2009). L'approccio BioHab come metodo di indagine, monitoraggio e gestione del paesaggio. *Estimo E Territorio*, vol. LXXII - n°4, p. 5-12,
50. **Padoa-Schioppa E**, Digiovinazzo P, Ficetola GF, Bottoni L (2009). Oltre le reti ecologiche: il paradigma del corridoio diffuso nel paesaggio suburbano. *Va. Valutazione Ambientale*, vol. 16, p. 7-11,
51. **Padoa-Schioppa E.** (2008). Ecologia del paesaggio: nuove prospettive professionali. *Estimo E Territorio*, vol. LXXI, p. 5-7,
52. **Padoa-Schioppa E.**, Santolini R, Gibelli G, Bottoni L (2007). Il Paradigma Delle Reti Ecologiche In Italia: Esempi In Lombardia. *Studi Trentini Di Scienze Naturali - Acta Biologica*, vol. 83, p. 181-186,
53. Poggesi M.C, **Padoa-Schioppa E.** (2007). Il contributo delle strade alla frammentazione del paesaggio: situazione attuale e scenari futuri. *Architettura Del Paesaggio*, vol. 16
54. **Padoa-Schioppa E.**, Chincarini M (2007). La struttura dei filari agricoli: confronto tra biodiversità animale e vegetale. *Studi Trentini Di Scienze Naturali - Acta Biologica*, vol. 83, p. 45-50
55. Baietto M, Masin S, Vaghi S, **Padoa-Schioppa E.** (2007). Observation of Red-Billed Chough (*Pyrrhocorax pyrrhocorax*) Removing Fur from Himalayan Tahr (*Hemitragus jemlahicus*). *Research Journal Of Biological Sciences*, vol. 2 (1), p. 89-90,

56. Ott, J. **Padoa-Schioppa E.** (2005). Effetto di disturbo delle strade sulle popolazioni animali: alcuni esempi dalla Germania e dall'Italia e scenari futuri. *Estimo E Territorio*, vol. LXVIII n° 6, p. 38-43
57. Ficetola G.F., Monti A., **Padoa-Schioppa E.** (2002). First record of reproduction of *Trachemys scripta* in the Po Delta. *Annali Del Museo Civico Di Storia Naturale Di Ferrara*, vol. 5,
58. **Padoa-Schioppa E.**, Massa R. (2001). Possibile Effetto Della Predazione Di Ofidi Sull'abbondanza E Sulla Taglia Media Dei Sauri Di Lampedusa. *Naturalista Siciliano*, vol. IV° VOL. XXV (SUPPL.), p. 99-110
59. Maurer UNIVERSITÀ , **Padoa-Schioppa E.** (2000). Bioindikatoren Als Instrumente Der Landschaftsplanung Für Eine Nachhaltige Entwicklung – Kurze Beschreibung Der Situation In Italien Und Deutschland. *Atlas*, vol. N° 19 II, p. 97-102
60. **Padoa-Schioppa E.** (1999). La scienza della dimora. Breve storia dell'ecologia. *Emmeciquadro*, vol. 6, p. 79-90

C Books or books chapters

C1 –International book chapters

61. **Padoa-Schioppa E.**, Canedoli C., (2017). Biodiversity and urban forests. In *Routledge Handbook of Urban Forestry* p. 123-135
62. Ficetola GF, Rödder D, **Padoa-Schioppa E** (2012). *Trachemys scripta* (slider terrapin). In: *A handbook of global freshwater invasive species*. p. 331-342, Oxon:Earthscan
63. Bunce R.G.H., Groom G.B., Jongman R.H.G., **Padoa-Schioppa E.** [eds](2005). *Handbook for Surveillance and Monitoring of European Habitats*. p. 1-107
64. Massa R., Bani L., Baietto M., Bottoni L., **Padoa-Schioppa E.** (2004). An Ecological Network For The Milano Region Based On Focal Species. In: Jongman R.H.G. Pungetti G. Eds.. *New Paradigms In Landscape Planning: Ecological Networks And Greenways*. p. 188-199, Cambridge: Cambridge Università Press, ISBN: 0521535026
65. Baietto M, **Padoa-Schioppa E.** (2004). Gran Paradiso / Vanoise National Park (It/Fr). In: Wascher D.M., Prez-Soba M.. *Learning from Transforntalier Landscapes - Project in Support of the European Landscape Convention*. Alterra Wageningen UR, Wageningen, The Netherlands, Alterra Report 964. p. 23-24
66. Baietto M, **Padoa-Schioppa E.** (2004). The River Ticino. In: Washer D.M., Prez-Soba M. Eds. *Learning from Transforntalier Landscapes - Project in Support of the European Landscape Convention*. Alterra Wageningen UR, Wageningen, The Netherlands, Alterra Report 964. p. 21-22

C2 Italian books and book chapters

Book

67. **Padoa-Schioppa, E.** (2014) *Strumenti e metodi per l'insegnamento e l'apprendimento della biologia* Edises, Napoli (320 pp)
68. Ferrari N, Aliprandi G, **Padoa-Schioppa E** (editors) (2013). *Classi aperte sul mondo*. Di Alberti D; Aliprandi G; Beltrame S; Beltrami E; De Franco D; Ferrari N; Galinelli E; Manzano E; Mora F; Ottolina P; **Padoa-Schioppa E**; Sgambi P. Parma Edizioni Junior - Spaggiari edizioni srl,
69. Baietto M, **Padoa-Schioppa E.** (2008). *Paesaggio e biodiversità nel Parco Agricolo Sud-Milano*. p. 1-194, MILANO Provincia di Milano
70. **Padoa-Schioppa E.**, Zanzi L. Ed. (1999). *Pensare La Wilderness. Orizzonte Selvaggio Dell'anima*. Varese Fondazione Monti

Chapters

71. **Padoa-Schioppa E** (2013). La ricerca scientifica e l'educazione ambientale. In: *Classi aperte sul mondo*. p. 17-28, Parma Edizioni Junior - Spaggiari edizioni srl
72. **Padoa-Schioppa E** (2011). Biodiversità. In: *Dialoghi sulle lingue e sul linguaggio*. p. 103-114, Bologna Patron Editore Bologna
73. **Padoa-Schioppa E** (2010). Biofilia. In: *Ecosphera. Vol. 5 Dizionario A-L*. p. 45-48, Torino, Utet
74. **Padoa-Schioppa E** (2010). Ecosistema. In: *Ecosphera. Vol. 5 Dizionario A-L*. p. 160-163, Torino, Utet

75. **Padoa-Schioppa E** (2010). Educazione Ambientale. In: *Ecosphera*. Vol. 5 Dizionario A-L. p. 163-165, Torino, Utet
76. **Padoa-Schioppa E** (2010). Educazione ambientale. In: *Ecosphera*. Vol. 4 Le opportunità e le interdipendenze. p. 92-97, Torino, Utet
77. **Padoa-Schioppa E** (2010). Endemismo. In: *Ecosphera*. Vol. 5 Dizionario A-L. p. 170-172, Torino, Utet
78. **Padoa-Schioppa E** (2010). Etica ambientale. In: *Ecosphera*. Vol. 4 Le opportunità e le interdipendenze. p. 138-143, Torino, Utet
79. **Padoa-Schioppa E** (2010). Etica ambientale. In: *Ecosphera*. Vol. 5 Dizionario A-L. p. 199-200, Torino, Utet
80. **Padoa-Schioppa E** (2010). HIPPO. La convergenza dei fattori di perturbazione ambientale. In: *Ecosphera. Le crisi del pianeta*. p. 202-223, Torino, Utet
81. **Padoa-Schioppa E** (2010). Hot spot. In: *Ecosphera - Vol. 5 Dizionario A-L*. p. 290-293, Torino, Utet
82. **Padoa-Schioppa E** (2010). La crisi ambientale come occasione di sviluppo. In: *Ecosphera*. Vol. 4 Le Opportunità e le interdipendenze. p. 44-66, Torino, Utet
83. **Padoa-Schioppa E** (2010). Nicchia ecologia. In: *Ecosphera*. Vol. 6 Dizionario M-Z. p. 59-60, Torino, Utet
84. **Padoa-Schioppa E** (2010). Reti e piramidi alimentari. In: *Ecosphera*. Vol. 6 Dizionario M-Z. p. 152-154, TORINO, Utet
85. **Padoa-Schioppa E** (2010). Zone climatiche. In: *Ecosphera*. Vol. 6 Dizionario M-Z. p. 270-274, Torino, Utet,
86. **Padoa-Schioppa E.** (2007). Biologia della conservazione. In: Cunningham, Cunningham, Saigo. *Fondamenti di Ecologia*. p. 245-247, Milano, The McGraw-Hill Companies
87. **Padoa-Schioppa E.** (2007). Ecologia del Paesaggio. In: Cunningham, Cunningham, Saigo. *Fondamenti di Ecologia*. p. 221-223, Milano, The McGraw-Hill Companies
88. **Padoa-Schioppa E.** (2007). La direttiva 2000/60/CE (Direttiva acque). In: Cunningham, Cunningham, Saigo. *Fondamenti di Ecologia*. p. 128-129, Milano, The McGraw-Hill Companies
89. Massa R., Baietto M., Bani L., Bottoni L., **Padoa-Schioppa E.** (2004). Distribuzione E Status Dei Vertebrati Terrestri Della Provincia Di Milano. In: In S. Giussani (ed.) *Rete Ecologica E Fauna Terrestre. Studi E Progetti. Quaderni Del Piano Territoriale N°23*. Provincia Di Milano. Milano, Guerini e Associati
90. **Padoa-Schioppa E.** (1999). Concetti Di Ecologia Del Paesaggio Applicati Alla Conservazione Biologica. In: V. Ingegnoli, R. Massa Ed. *Biodiversità, Estinzioni, Conservazione. I Fondamenti Della Conservazione Biologica*. Torino, Utet
91. **Padoa-Schioppa E.** (1999). Necessità di formazione dentro e fuori dall'accademia. In: In V. Ingegnoli, R. Massa Ed.. *Biodiversità, estinzioni, conservazione. I fondamenti della conservazione biologica*. Torino, Utet,
92. **Padoa-Schioppa E.,** Ingegnoli V. (1999). Progetto e gestione di aree protette e parchi nazionali. In: V. Ingegnoli, R. Massa. *Biodiversità, estinzioni, conservazione. I fondamenti della conservazione biologica*. Torino, Utet
93. **Padoa-Schioppa E.** (1999). Restoration Ecology. In: V. Ingegnoli, R. Massa Ed.. *Biodiversità, Estinzioni, Conservazione. I Fondamenti Della Conservazione Biologica*. Torino, Utet

D Scientific reports for institutions

94. Global Environment Outlook 6, Pan European Assesment. UNEP (*in preparazione – attualmente, maggio 2016 al secondo ciclo di revisione*) Ho partecipato in qualità di Lead Author alla preparazione di questo Report, in particolare ho contribuito alla stesura della "Section 2, ENVIRONMENTAL STATE AND TRENDS, capitolo 2.5 Biodiversity, Biota and Ecosystems"
95. Gatto M., Cannone N., Casagrandi R., **Padoa-Schioppa E.**, Terradez Mas J., Ballarin Denti A., Bonardi A., De Leo G., Ficetola G. F., Fiorese G., Lapi M., Malfasi F. e Rossetto M. (2014). "Ecosistemi terrestri" (pp. 182-229) in "Rapporto sullo stato delle conoscenze scientifiche su impatti, vulnerabilità ed adattamento ai cambiamenti climatici in Italia" a cura di Castellari et al. Ministero dell'Ambiente e della Tutela del Territorio e del Mare, Roma. [<http://tinyurl.com/SNACC-2014>] (*in Italiano*)

96. Harini Nagendra, H.; Mairota, P.; Labadessa, R.; Leronni, V.; Marangi, C.; Diele, F.; Torri, D.; Tomaselli, V.; **Padoa-Schioppa, E.** Framework for understanding human impacts on habitat, land cover and landscape fragmentation Deliverable D6.69 Biosos project (www.biosos.eu)
97. **Padoa-Schioppa, E.**; Ficetola, F.; Bonardi, A.; Mùcher, C.A.; Nipadkar, M.; Nagendra, H.; Leronni, V.; Mairota, P.; Tarantino, C.; Adamo, M. (2012) Report on Ecological Niche Modeling (ENM) Deliverable D6.7 Biosos project (www.biosos.eu) [editor responsible]
98. Bonardi, A.; Dimopoulos, P.; Ficetola, F.; Kallimanis, A.S.; Labadessa, R.; Mairota, P.; **Padoa-Schioppa, E.** (2011) Selected bioindicators – Deliverable D6.6 Biosos project (www.biosos.eu) [editor responsible]

E Conference proceedings with peer review

99. **Padoa-Schioppa E.**, Digiovinazzo P, Ficetola GF, Ripanti F, Baietto M, Bottoni L (2009). Beyond ecological networks: diffuse corridors in agricultural and urban fringe landscapes. In: Ecological Networks: Science and Practice. Edimburgh, 2009, p. 175-182,
100. Ficetola Gf, Bottoni L, De Bernardi F, Digiovinazzo P, Mazzoleni I, Nudo L, **Padoa-Schioppa E.** (2008). Buffer di paesaggio per la conservazione degli anfibi. In: In: Ecologia e Governance del Paesaggio. Esperienze e prospettive Atti del X congresso Nazionale SIEPIALE. Bari, 22-23 MAGGIO 2008., p. 153-158
101. **Padoa-Schioppa E.**, M. Mininni, R. Laforteza, E. Padoa-Schioppa (2008). Ecologia e governance del paesaggio. In: X Congresso nazionale SIEP-IALE. Bari, 22-23 maggio 2008, p. 1-501,
102. Pepe M, Digiovinazzo P, Ficetola F, Bottoni L, **Padoa-Schioppa E.** (2008). Frammentazione causata dalle strade e avifauna in Lombardia. In: In: Ecologia E Governance Del Paesaggio. Esperienze E Prospettive Atti Del X Congresso Nazionale Siep-Iale. Bari, 22-23 maggio 2008, p. 271-278
103. Ficetola G.F, Thuiller W, **Padoa-Schioppa E.** (2008). From introduction to the establishment of alien species: a preliminary analysis of bioclimatic differences between presence and reproduction localities in *Trachemys scripta*. In: In: Corti, C. (Ed.), Herpetologia Sardiniae. p. 266-269
104. **Padoa-Schioppa E.**, Bertozzi S, Digiovinazzo P, Ficetola F, Bottoni L, Santolini R (2008). L'approccio BioHab come metodo di monitoraggio e gestione del paesaggio. In: Ecologia e Governance del Paesaggio. Esperienze e prospettive Atti del X congresso Nazionale SIEP-IALE. Bari, 22-23 maggio 2008, 7. p. 199-206
105. **Padoa-Schioppa E.**, Digiovinazzo P, Ficetola F, Bottoni L (2008). Scenario Approach To Landscape Planning In Italy. In: Landscape ecology and Conservation. Cambridge, 8-11 September 2008, p. 43-50
106. Digiovinazzo P, **Padoa-Schioppa E.**, Ficetola F, Bottoni L (2008). Scenari basati su logica fuzzy per il ripristino del paesaggio. In: In: Ecologia e Governance del Paesaggio. Esperienze e prospettive Atti del X congresso Nazionale SIEP-IALE. p. 137-144
107. **Padoa-Schioppa E.**, Digiovinazzo P, Baietto M. Ficetola F, Bottoni L (2008). Selecting Conservation Priorities from Landscape Features and Indicator Species: The Western Lombardy (Italy) Lowlands Case Study. In: Landscape Ecology and Conservation. Cambridge (UK), 8-11 September 2008, p. 123-132
108. Manenti R, Ficetola G.F, **Padoa-Schioppa E.**, De Bernardi F (2008). Spatial autocorrelation and distribution of *Salamandra salamandra* – a preliminary analysis. In: In: Corti, C. (Ed.), Herpetologia Sardiniae. p. 341-344
109. Digiovinazzo P, Ballabio E, Bottoni L, **Padoa-Schioppa E.**, Andreis C (2007). Forest floristic indicators and landscape fragmentation in North West Lombardy (Italy): preliminary results. In: 25 years Landscape Ecology: Scientific Principles in Practice. IALE world congress 2007. vol. 2, p. 1109,
110. **Padoa-Schioppa E.**, Digiovinazzo P, Bottoni L (2007). Restoration of multifunctional forests in north west suburban area of Milan: scenario and proposal. In: 25 years Landscape Ecology: Scientific Principles in Practice. IALE world congress 2007. vol. 1, p. 274,
111. **Padoa-Schioppa E.**, Poggesi C, Bottoni L (2007). Road effect on fragmentation of forest and agricultural landscapes: Examples from Italy. In: 25 years Landscape Ecology: Scientific Principles in Practice. Wageningen The Netherlands, 08 - 12 July 2007, vol. 1, p. 171-172,
112. Ott J, **Padoa-Schioppa E.** (2006). Frammentazione causata dalle strade quale disturbo permanente per le popolazioni animali: alcuni esempi dalla Germania e dall'Italia e scenari futuri. In: Pianificare

- l'incertezza. L'ecologia del Paesaggio nella gestione dei sistemi territoriali. Genova, 30/09-01/10 2004, p. 111-120
113. Baietto M, **Padoa-Schioppa E.**, Bottoni L (2006). Ruolo dei filari nella conservazione dell'avifauna: proposte gestionali. In: Atti del Convegno FaREte, Vercelli, 25-26 maggio 2005, a cura di A. Melucci. Vercelli, 25-26 maggio 2005
 114. **Padoa-Schioppa E.**, Poggesi C, Bottoni L (2006). Using river basin as ecological unit to evaluate landscape fragmentation. In: Water and the landscape: the Landscape Ecology of Freshwater Ecosystems.. p. 77-84,
 115. Baietto M, **Padoa-Schioppa E.** (2006). Valutazione preliminare dei disturbi antropici a scala del paesaggio nel parco nazionale di Sagarmatha (Everest, Nepal). In: Pianificare l'incertezza. L'ecologia del Paesaggio nella gestione dei sistemi territoriali. Genova, 30/09- 01/10 2004, p. 71-80
 116. **Padoa-Schioppa E.**, Baietto M., Massa R., Bottoni L. (2005). Cultural landscape conservation: diffuse corridors in Lombardy Region (Italy). In: Planning People and Practice - The Landscape ecology of sustainable landscapes. p. 157-166,
 117. Massa R., Baietto M., Bottoni L., **Padoa-Schioppa E.** (2004). Conservazione della biodiversità nei paesaggi culturali.
 118. Santolini R., **Padoa-Schioppa E.** (2003). Le Biocenosi Quale Strumento Per L'analisi Del Paesaggio. In: Indicatori Ecologici Alla Scala Del Paesaggio. Atti Del Workshop Siep-lale/S.It.E 26/03/03.
 119. **Padoa-Schioppa E.**, Chincarini M., Baietto M. (2002). Utilizzo Dei Bioindicatori Per La Conservazione Dei Paesaggi Culturali: Scelta Di Specie Focali Vegetali Ed Animali Nel Parco Agricolo Sud Milano. In: Aspetti Applicativi Dell'ecologia Del Paesaggio: Conservazione, Pianificazione, Valutazione Amb.. Milano, 4-5/07/2002
 120. **Padoa-Schioppa E.**, Baietto M., Bottoni L., Facchinetti D., Massa R. (2001). Analysis Of Hedgerow Network In A Regional Park Of Lombardy. In: Hedgerows of the World: Their Ecological Function in Different Landscapes. Proceedings Of IALE– UK p. 219-224 [consultando il data base ISI il 09/05/2016 questa pubblicazione risulta indicizzata]
 121. Chincarini M., **Padoa-Schioppa E.** (2001). The ecological evaluation of hedgerows: a first attempt at a practical approach. In: Hedgerow of the World: their ecological functions in different landscapes. In: Hedgerows of the World: Their Ecological Function in Different Landscapes. Proceedings Of IALE– UK p. 81-86, [consultando il data base ISI il 09/05/2016 questa pubblicazione risulta indicizzata]