

Simone Tenan

CONTACT INFORMATION	MUSE - Museo delle Scienze Sezione Zoologia dei Vertebrati Corso del Lavoro e della Scienza, 3 38123 Trento - ITALY	<i>Mobile:</i> +39-349-777-5003 <i>E-mail 1:</i> simone.tenan@muse.it <i>E-mail 2:</i> tenan.simone@gmail.com
EDUCATION	University of Pavia , Pavia, Italy Ph.D. in Ecology <i>Project title:</i> “Hierarchical Bayesian modelling: applications in animal population ecology”. <i>Supervisors:</i> Dr Marco Girardello, Dr Paolo Pedrini, Prof. Giuseppe Bogliani. <i>Co-supervisor:</i> Dr Giacomo Tavecchia. Population Ecology Group, Mediterranean Institute for Advanced Studies (IMEDEA, CSIC-UIB) , Esporles, Balearic Islands, Spain Visiting Ph.D. Student <i>supervisor:</i> Dr Giacomo Tavecchia. University of Padua , Padua, Italy MSc in Natural Sciences <i>Thesis title:</i> “Stopover patterns during pre-nuptial bird migration across the Mediterranean Sea: a study on Ventotene Island”. <i>Supervisor:</i> Prof Andrea Pilastro. <i>Assistant supervisor:</i> Dr Fernando Spina.	Nov 2009 - Nov 2012 Sep 2011 - July 2012 Nov 2004 - Mar 2007
POSTGRADUATE TRAINING	<i>Spatial Capture-Recapture Workshop</i> (24 hours) Patuxent Wildlife Research Center, Laurel, Maryland <i>Capture-Recapture models</i> (24 hours) IMEDEA-CSIC, Esporles, Balearic Islands, Spain <i>Bayesian Capture-Recapture Workshop</i> (24 hours) University of St Andrews, St Andrews, UK <i>Practical Bayesian Data Analysis</i> (24 hours) University of Reading, Reading, UK <i>Bayesian Population Analysis using WinBUGS</i> (40 hours) Swiss Ornithological Institute, Sempach, Switzerland <i>Bayesian methods for Ecology</i> (46 hours) Aarhus University, Roskilde, Denmark <i>Introduction to Zero Inflated Models</i> (24 hours) University of Évora, Évora, Portugal <i>ECOCHANGE Summer School - Predictive habitat distribution models: tools for building projections of global change impact on biodiversity</i> (40 hours) Swiss Federal Research Institute WSL, Birmensdorf, Switzerland	Feb 2014 Nov 2011 July 2011 Feb 2011 Feb 2011 Nov 2010 Nov 2010 Sep 2010

Ecological models with R (40 hours) June 2010
Istituto Agrario di S.Michele all'Adige, Fondazione Edmund Mach, Research Centre,
S.Michele all'Adige (TN), Italy

Mixed effects models in Ecology (40 hours) May 2010
University of Coimbra, Coimbra, Portugal

*Data analysis tools in Ecology Module 1: The use of Generalized Linear Models (GLM)
and Generalized Additive Models (GAM) in Ecology* (40 hours) Feb 2010
University of Coimbra, Coimbra, Portugal

Environmental data management and analysis with GIS (40 hours) Dec 2009
University of Trento, Trento, Italy

DATA SAMPLING LICENCES *Italian waterfowl censuses licence* 2002
Italian bird ringing licence, type "A" 2000
Italian bird ringing licence, type "C" 1995

all issued by the Institute for Environmental Protection and Research, ISPRA (Ozzano Emilia, Bologna, Italy)

COMPUTER SKILLS **Computer programming:** R, BUGS, UNIX shell scripting, Python
Statistical packages: R, WinBUGS, OpenBUGS, JAGS
Applications: T_EX (L^AT_EX, B_IB_TE_X), GRASS GIS, Database (Access), spreadsheet
and presentation software
Operating Systems: Linux, Microsoft Windows

LANGUAGES Italian (mother tongue)
English (fair writing, good reading and fair speaking skills)
Spanish (basic writing, fair reading and fair speaking skills)

PRESENTATIONS **Tenan S.**, Pradel R., Igual J.M., Genovart M., Oro D., Tavecchia G. Hierarchical modelling of population growth rate from individual capture-recapture data. *International Statistical Ecology Conference 2014*. 1–4 July 2014, Montpellier, France. (oral presentation)

Hendriks I.E., Basso L., Marbà N., Jordà G., **Tenan S.**, Duarte C.M. Will the Pen Shell *Pinna nobilis* survive to the end of the Century? An overview of its vulnerability to global change. *ASLO Aquatic Sciences Meeting*. 8–13 July 2012, Lake Biwa, Otsu, Shiga, Japan. (oral presentation)

Tenan S., Adrover J., Muñoz Navarro A., Sergio F., Tavecchia G. Demographic consequences of illegal poisoning in raptors: an integrated approach. *International Statistical Ecology Conference 2012*. 3–6 July 2012, Krokkleiva, Oslo, Norway. (oral presentation)

Tenan S., Rotger A., Igual J.M., Tavecchia G. Population size estimate in short-time. Handling behavioural response, individual heterogeneity in three-session surveys. *International Statistical Ecology Conference 2012*. 3–6 July 2012, Krokkleiva, Oslo, Norway. (poster)

Spina F., Saino N., Rubolini D., **Tenan S.**, Serra L., Morganti M. Decision making in relation to different strategies of migration. *25th International Ornithological Congress*. 22–28 August 2010, Campos do Jordão–SP, Brazil. (oral presentation)

Girardello M., **Tenan S.**, Pedrini P. Predicting the potential impacts of future land-cover changes on breeding bird communities in the Italian Alps. *18th conference of the European Bird Census Council*. 22–26 March 2010, Caceres, Spain. (oral presentation)

Tenan, S., Girardello, M., Pedrini, P., Bogliani, G., Spina, F. Short term influences of global climate on the temporal dynamics of migratory birds in the Italian Alps. *2nd conference Bird Migration and Global Change*. 17–20 March 2010, Algeciras, Spain. (oral presentation)

Tenan, S., Girardello, M., Pedrini, P., Spina, F. Inter and intraspecific determinants of abundance in birds migrating across the Italian Alps. *19th Congress of the Italian Society of Ecology*. 15–18 September 2009, Bolzano, Italy. (oral presentation)

JOURNAL
REFEREE

Biological Conservation, Biological Journal of the Linnean Society, Methods in Ecology and Evolution

REFEREED
JOURNAL
PUBLICATIONS

Tenan S., O’Hara R.B., Hendriks I., Tavecchia G. (2014) Bayesian model selection: The steepest mountain to climb. *Ecological Modelling*, 283: 62–69.
doi:10.1016/j.ecolmodel.2014.03.017

Tenan S., Pradel R., Tavecchia G., Igual J.M., Sanz-Aguilar A., Genovart M., Oro D. (2014) Hierarchical modelling of population growth rate from individual capture-recapture data. *Methods in Ecology and Evolution*, 5: 606–614.
doi:10.1111/2041-210X.12194

Tenan S., Rotger A., Igual J.M., Moya Ó., Royle J.A., Tavecchia G. (2013) Population abundance, size structure and sex-ratio in an insular lizard. *Ecological Modelling*, 267: 39–47.
doi:10.1016/j.ecolmodel.2013.07.015

Martínez-Abraín A., Viedma C., Gómez J.A., Bartolomé M.A., Jiménez J., Genovart M., **Tenan S.** (2013) Assessing the effectiveness of a hunting moratorium on target and non-target species. *Biological Conservation*, 165: 171–178.
doi:10.1016/j.biocon.2013.06.009

Hendriks I.E., **Tenan S.**, Tavecchia G., Marbà N., Jordà G., Deudero S., Álvarez E., Duarte C.M. (2013) Boat anchoring impacts coastal populations of the pen shell, the largest bivalve in the Mediterranean. *Biological Conservation* 160: 105–113.
doi:10.1016/j.biocon.2013.01.012

Tenan S., Adrover J., Muñoz Navarro A., Sergio F., Tavecchia G. (2012) Demographic Consequences of Poison-Related Mortality in a Threatened Bird of Prey. *PLoS ONE* 7(11): e49187.
[doi:10.1371/journal.pone.0049187](https://doi.org/10.1371/journal.pone.0049187)

Tenan S., Spina F. (2010) Timing and condition-related effects on recapture probability, mass change and stopover length of spring migrating songbirds on a small Mediterranean island. *Ardeola* 57(1): 121–132.

OTHER
PUBLICATIONS

Pedrini P., **Tenan S.**, Spina F. (eds.) *The post-breeding migration across the Italian Alps: phenology and trends*. Museo delle Scienze, Trento, 2012, ISBN 978-88-531-0018-4.

Last updated: July 16, 2014