


Vasiliki Sgardeli

DATE OF BIRTH:
18/04/1984


CONTACT

Nationality: Greek

Gender: Female

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EDUCATION AND TRAINING

2010 - 2015 - Ioannina, Greece

PhD in Mathematical Ecology

Department of Biological Applications and Technology, University of Ioannina Greece

2008 - 2009 - United Kingdom

Master in Complexity Science

Complexity Science DTC, University of Warwick

Thessaloniki, Greece

First degree, Physics

Aristotle University of Thessaloniki

HONOURS AND AWARDS

2011

Scholarship for PhD studies – A.S. Onassis Public Benefit Foundation

2008

Scholarship for Master studies – A.S. Onassis Public Benefit Foundation

WORK EXPERIENCE

2016 - CURRENT - Athens, Greece

Postdoctoral researcher

Hellenic Center for Marine Research (HCMR)

PROJECTS

2016 - 2017

● **DRuMFISH**

Approaches to management for data-poor stocks in mixed fisheries

2016 - 2020

● **CERES**

Climate change and European aquatic RESources

2019 - 2019

● **RECFISH**

Recovery of fisheries historical time series for Mediterranean and Black Sea stock assessment

2018 - CURRENT

● **PANDORA**

Paradigm for Novel Dynamic Oceanic Resource Assessment

PARTICIPATION IN TECHNICAL GROUPS ON STOCK ASSESSMENT

13/11/2017 - 17/11/2017

● **GFCM, Scientific Advisory Committee on Fisheries (SAC)**

Working Group on Stock Assessment of Demersal Species (WQSAD), FAO headquarters, Rome, Italy

27/11/2017 - 03/12/2017

● **STECF**

Stock assessments in the Mediterranean Sea, Part II, JRC, Rome, Italy

19/11/2018 - 24/11/2018

● **GFCM, Scientific Advisory Committee on Fisheries (SAC)**

Working Group on Stock Assessment of Demersal Species (WGSAD), FAO headquarters, Rome, Italy

TEACHING EXPERIENCE

2012 - 2015

● **Assistant tutor at "Biostatistics Lab"**

Department of Biological Applications and Technology, University of Ioannina, Greece

PUBLICATIONS

- **A probabilistic model that determines the SES attributes that lead to successful discard management**
2020 <https://doi.org/10.1007/s11160-020-09593-0>
- **Optimizing effort allocation in data poor mixed fisheries**
2019 <https://doi.org/10.1093/icesjms/fsz044>
- **Quantifying the conservation value of Sacred Natural Sites**
2018 <https://doi.org/10.1016/j.biocon.2018.03.035>
- **A forecast for extinction debt in the presence of speciation**
2017 <https://doi.org/10.1016/j.jtbi.2016.11.004>
- **Climate change versus ecological drift: assessing 13 years of turnover in a butterfly community**
2016 <https://doi.org/10.1016/j.baae.2015.12.008>
- **Extinction debt and the species-area relationship: a neutral perspective**
2014 <https://doi.org/10.1111/geb.12098>
- **Species-area relationships and extinction forecasts**
2013 <https://doi.org/10.1111/nyas.12073>
- **An effort-based index of beta diversity**
2013 <https://doi.org/10.1111/2041-210x.12013>
- **Interaction of free-floating planets with a star-planet pair**
2012 <https://doi.org/10.1007/s10569-012-9429-8>

PROJECTS/THESES

2011 - 2015

● **PhD thesis: "Predicting rates of biodiversity decline following habitat loss"**

Department of Biological Applications and Technology, University of Ioannina, Greece, supervisor: John M. Halley

2008 - 2009

● **Master project: "Epidemiology in complex networks"**

University of Warwick, UK, supervisor: Thomas House

2008 - 2009

● **Master project: "Collective animal behaviour in quasi 1d systems"**

University of Warwick, UK, supervisor: Matthew S. Turner

2006 - 2007

● **Dissertation: "Computing fractal dimension in applied scattering problems"**

Department of Physics, Aristotle University of Thessaloniki, Greece, supervisor: Harry Varvoglis

CONFERENCES AND SEMINARS

10/12/2018 - 14/12/2018 - FAO headquarters, Rome, Italy

FishForum (Forum in Fisheries Science in the Mediterranean and the Black Sea)

30/05/2018 - 03/06/2018 - University, Corfu

12th Panhellenic Symposium of Oceanography & Fisheries

20/10/2016 - 23/10/2016 - Thessalonki, Greece

8th Congress of the Hellenic Ecological Society

2015 - Zagori, Greece

15th summer school in Conservation Biology, "Biodiversity theory and Practice"

09/10/2014 - 12/10/2014 - Mytilene, (Lesvos island, Greece)

7th Congress of the Hellenic Ecological Society

08/03/2014 - 10/03/2014 - Ioannina, Greece

36th Congress of the Greek Association for Biological Sciences

12/11/2013 - Frederick Univeristy, Cyprus

Seminar "Biodiversity and Climate change: current and future species distribution patterns"

TRAINING COURSES

05/10/2018 - 09/10/2018

FLR/a4a Intership organized by the JRC

Ispra, Italy

30/07/2018 - 03/08/2018

2nd Advanced school on Multispecies modelling (AMARE-MED)

Trieste, Italy

24/04/2017 - 28/04/2017

Statistics Seminar: Data exploration, regression, GLM & GAM

Crete, Greece

21/07/2008 - 02/08/2008

21st summer school/conference "non linear science and complexity"

Athens, Greece

10/07/2006 - 22/07/2006

19th summer school/conference "non linear science and complexity"

Thessaloniki, Greece

18/07/2005 - 30/07/2005

18th summer school/conference "non linear science and complexity"

Volos, Greece

14/07/2004 - 26/07/2004

17th summer school/conference "Complexity in science and society"

Patras, Greece

LANGUAGE SKILLS

MOTHER TONGUE(S): Greek

English

Listening
C2

Reading
C2

Spoken
production
C2

Spoken
interaction
C2

Writing
C2

PC SKILLS

- **Proramming languages**

R, Fortran, Matlab, Netlogo

- **MsOffice**

Word, Excel, Access, PowerPoint