

# Curriculum Vitae Mita Drius, PhD



**Personal information**  
 Name: Mita Drius  
 Nationality: Italian  
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- Education since leaving school**
- 2008 - Bachelor's Degree in Science and Technology for Nature and the Environment; University of Udine
  - 2010 - 1-year Master's Course in Management Planning and Control of Water and Waste; University of Siena
  - 2011 - Master's Degree in Management and Conservation of Natural Heritage; University of Siena
  - 2016 - International PhD degree in Management and conservation issues in changing landscapes; University of Molise

**Professional experience**  
 Chronological list of all previous employments relevant for the position:

From / to	Job title	Name of Institution	Academic level	Responsibilities
Mar 2017/ present	Contract Lecturer	University of Vienna - Department of Botany and Biodiversity Research, Vienna (Austria)	Post Doc	Short stand-alone course about systematic conservation planning and ecosystem services. Occasional lectures on ecosystem services.
Jan 2021/May 2021	Consultant	University of Natural Resources and Life Sciences - Institute of Landscape Development, Recreation and Conservation Planning, Vienna (Austria)	Post Doc	Literature research, preparation of a scientific article
Sept 2020/Feb 2021	Teaching assistant	Free University of Bozen-Bolzano - Faculty of Science and Technology, Bolzano (Italy)	Post Doc	Assistance in the course of Landscape Ecology WS 2020-2021
Jan 2020/Feb 2020	Consultant	University of Vienna - Department of Botany and Biodiversity Research, Vienna (Austria)	Post Doc	Production of a manual for creating evidence-based strategies and action plans, as a tool for Green Infrastructure planning, in the framework of the INTERREG Central Europe project MaGICLandscapes (Managing Green Infrastructure in Central European Landscapes).

Mar 2018/May 2019	Post Doc Researcher	University of Vienna - Department of Botany and Biodiversity Research, Vienna (Austria)	Post Doc	Fine-scaled analysis of the main ecosystem services offered by the open habitats of the Wienerwald Biosphere Reserve, to contribute a set of indicators for the environmental monitoring of the reserve, within the Man and the Biosphere (MaB) project BRIMSEN (Biosphere Reserve Integrated Monitoring based on Social and ENvironmental ecosystem services). Project management activities. Preparation and submission of a follow-up project proposal.
Jan 2017/May 2019	Research Fellow	ISMAR Institute of Marine Sciences - National Research Council, Venice (Italy)	Post Doc	Research activities and management/technical support within the INTERREG MED project CO-EVOLVE (Promoting the co-evolution of human activities and natural systems for the development of sustainable coastal tourism) focused on the analysis of the main anthropogenic risk factors for ecosystems, based on an ecosystem approach and within the main legislation and policies for environmental management and protection. Production of deliverables, and of progress and final reports. Support to project communications and coordination of the consortium's tasks.
Oct 2016/Jan 2017	Project Assistant	University of Vienna - Department of Botany and Biodiversity Research, Vienna (Austria)	Post Doc	Assistance in the preparation of a COST Action proposal, and of two nationally funded research project proposals (MaB and WWTF calls), both dealing with sustainable development and landscape connectivity.

Oct 2016/Nov 2016	Project Assistant	University of Vienna - Department of Botany and Biodiversity Research, Vienna (Austria)	Post Doc	Assistance in completion and submission of an INTERREG Central Europe project proposal (MaGICLandscapes: Managing Green Infrastructure in Central European Landscapes); planning of budget and activities; liaison with project partners and associated partners; support and coordination of partners' activity plans.
May 2015/Nov 2015	Visiting scientist	University of Vienna - Department of Botany and Biodiversity Research, Vienna (Austria)	PhD student	Spatial prioritization of Natura 2000 sites along the Adriatic coast based on a threat approach: literature review on spatial conservation planning, spatial analyses in GIS environment, and preparation of manuscripts.
Jan 2015/Apr 2015	Visiting scientist	Environment and Sustainability Institute, University of Exeter, Cornwall Campus, Penryn (United Kingdom)	PhD student	Spatial prioritization of Natura 2000 sites along the Adriatic coast based on a threat approach: spatial data preparation, literature review on systematic conservation planning, analyses with the decision-support software MARXAN.
Nov 2013/Dec 2014	Visiting scientist	Centre for Ecology and Hydrology, Bangor (Gwynedd) (United Kingdom)	PhD student	Experimental study on the carbon storage and sequestration and on the recreational value of the coastal dune habitats along Adriatic Sea: studies design and planning; extensive fieldwork for soil samples collection; samples treatments (physical and chemical analyses); design and coordination of a survey to investigate the recreational value of coastal dunes; statistical analyses and manuscript preparation.
Jan 2012/Oct 2013	Teaching Assistant	University of Molise, Dept of Bioscience and Territory, Pesche (Italy)	PhD student	Assistance during examinations and marking; preparation and conducting of seminars on how to assess the conservation status of a species according to Red Lists criteria and categories.
Feb 2012/Aug 2012	Intern	ISPRA - ex INFS CRA 16, Ozzano dell'Emilia (Italy)	PhD student	Creation and update of bird species distribution maps in a GIS environment. Collation of lacking information on their conservation status. Assistance in the implementation of the reporting activities due under Art. 12 of Birds Directive.

Jan 2011/Apr 2011	Erasmus Junior Professional Associate	Freshwater Biodiversity Unit - IUCN Species Programme, Cambridge (United Kingdom)	Masters student	Collation of information on taxonomy, distribution and use of species of the Indo-Burma region; consistency checking of Red List conservation assessments; learning and applying of the IUCN Red List criteria and categories; creation and checking of species distribution maps in a GIS environment.
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### Academic teaching

- WS 2020: Teaching assistant
  - Course title: Landscape Ecology. Course leader: Prof. Stefan Zerbe
  - Employer: Free University of Bozen-Bolzano - Faculty of Science and Technology, Bolzano (Italy)
  - Subject area: ecosystem services
  - Academic level: post-graduate level
- SS 2017; SS 2018; SS 2019, WS 2020: Contract Lecturer
  - Course title: Conservation Planning - tools for mainstreaming biodiversity management.
  - Employer: University of Vienna, Department of Botany and Biodiversity Research, Vienna (Austria).
  - Subject area: conservation planning, ecosystem services
  - Academic level: under and post-graduate level
  - Results of evaluations: very good
- WS 2017; WS 2018, WS 2019, WS 2020: Contract Lecturer
  - Course title: Nature Conservation - Strategies, Programmes, and Demonstration cases. Course leader: Ass.-Prof. Dr. Thomas Wrbká
  - Employer: University of Vienna, Department of Botany and Biodiversity Research, Vienna (Austria).
  - Subject area: nature conservation through ecosystem services
  - Academic level: under and post-graduate level
- Jan 2012 – Oct 2013: Teaching assistant
  - Course title: Ecology. Course leader: Prof. Maria Laura Carranza
  - Employer: University of Molise, Dept of Bioscience and Territory, Pesche (Italy)
  - Subject area: nature conservation
  - Academic level: undergraduate level

### Other academic responsibilities

- Jul 2013 – Summer School Lecturer at the Summer School "Analisi e governance dei servizi ecosistemici" 1- 5 July 2013, Capracotta (Italy)
- Oct 2009/Jul 2010 - Students tutor at the University of Siena: organization of the conference "Ecodiversity: research, management and conservation" held at the "Accademia dei Fisiocritici" in Siena on the 13th April 2010. Other activities: logistical support to the students, relations between students and professors, active participation in the meetings of the faculty and university boards

### Memberships

Reviewer for the scientific journal Science of the Total Environment

### Research and scholarship

In the last five years, my research activities focused on landscape services and green infrastructure, on sustainable development, on the analysis of the main anthropogenic risk factors for ecosystems generated by human activities, and on the relationships between tourism industry and cultural services.

### Publications

Journal articles in refereed academic journals

- *Drius M.*, Sams K.T., Knopper F., Brandenburg C., and Wrbka T., 2020. Assessing landscape services as foundation for Green Infrastructure functionality: the case of the Wienerwald Biosphere Reserve. *Landscape Online* 84, 1-39
- Carranza M.L., *Drius M.*, Marzialetti F., Malavasi M., de Francesco M.C., Acosta A.T.R., 2020. Urban expansion depletes cultural ecosystem services: an insight into a Mediterranean coastline. *Rendiconti Lincei. Scienze Fisiche e Naturali* 31,103-111
- *Drius M.*, Jones L., Marzialetti F., de Francesco M.C., Stanisci A., Carranza M.L., 2019. Not just a sandy beach. The multi-service value of Mediterranean coastal dunes. *Science of the Total Environment* 668, 1139-1155
- *Drius M.*, Bongiorno L., Depellegrin D., Menegon S., Pugnetti A., Stifter S., 2019. Tackling challenges for Mediterranean sustainable coastal tourism: An ecosystem service perspective. *Science of the Total Environment* 652, 1302-1317
- Carranza M.L., *Drius M.*, Malavasi M., Frate L., Stanisci A., Acosta A.T.R., 2018. Assessing land take and its effects on dune carbon pools. An insight into the Mediterranean coastline. *Ecological Indicators* 85, 951-955
- *Drius M.*, Carranza M.L., Stanisci A., Jones L., 2016. The role of Italian coastal dunes as carbon sinks and diversity sources. A multi-service perspective. *Applied Geography* 75, 127-136
- *Drius M.*, Malavasi M., Acosta A.T.R., Ricotta C., Carranza M.L., 2013. Boundary-based analysis for the assessment of coastal dune landscape integrity over time. *Applied Geography* 45, 41-48

#### Official reports (whole or part)

- *Drius M.*, Sams K.T., Knopper F., Brandenburg C., and Wrbka T., 2019. Biosphere Reserve Integrated Monitoring based on Social and Environmental Ecosystem Services – BRIMSEN. Final Report.
- *Drius M.*, V. Evers, S. Bellacicco, L. Petrić, M. Prem, A. Barbanti, 2018. Threats and Enabling Factors to co-evolution - Mediterranean scale: synthesis. CO-EVOLVE Project - Activity 3.7-3.13. INTERREG MED Programme.
- *Drius M.*, Bongiorno L. and Pugnetti A., 2017. Review on the current status of coastal ecosystem services. CO-EVOLVE Project - Deliverable 3.5.1. INTERREG MED Programme.
- *Drius M.*, Bongiorno L. and Pugnetti A., 2017. Ecosystem threats from tourism and future trends. Effects of ecosystem quality. CO-EVOLVE Project - Deliverables 3.5.2-3.5.3. INTERREG MED Programme.
- *Drius M.*, Bongiorno L. and Pugnetti A., 2017. Atlas of Maps of ecological risks related to main tourism typologies. CO-EVOLVE Project - Deliverable 3.5.4. INTERREG MED Programme.
- *Drius M.*, Campanaro A., Bongiorno L. and Pugnetti A., 2017. Analysis on existing strategies and measures facing relevant threats to ecosystems. CO-EVOLVE Project - Deliverable 3.9.1. INTERREG MED Programme.
- Bongiorno L., *Drius M.*, and Pugnetti A., 2017. Key pressures and tools to estimate their cumulative impacts and support decision-making. Tradeoffs in ecosystem protection and tourism sustainability. CO-EVOLVE Project - Deliverables 3.9.2-3.9.3. INTERREG MED Programme.
- Campanaro A., *Drius M.*, Bongiorno L. and Pugnetti A., 2017. Guidelines to involve tourists in citizen Science activities. CO-EVOLVE Project - Deliverable 3.9.4. INTERREG MED Programme.

#### Conference papers

- Rinaldi, S., Carranza, M.L., De Francesco, M.C., *Drius, M.*, Presenza, A., Stanisci, A., 2018. Punta Aderci: spiaggia o riserva? Turismo e natura nell'area protetta. Atti delle giornate della ricerca scientifica. Dipartimento di Bioscienze e Territorio. Volume degli atti: 73-74. ISBN 9788896394236 <https://www.unimol.it/wp->

content/uploads/2018/03/Atti-GRS-2018.pdf.

- Lucchesi M., *Drius M.*, Mauri J., Di Vittorio I. & Bottacci A., 2012. Analisi sulla tecnica del fototrappolaggio per tre specie target in Appennino settentrionale. (Analysis on the camera trapping technique focused on three target species in Northern Apennine). In Fabrizio M., (eds). Proceedings of the Congress "Il foto-video trappolaggio in Italia: primi risultati di una nuova tecnica di ricerca scientifica per la fauna selvatica". I quaderni del Centro Studi per le Reti Ecologiche. Volume 4: 30-33.

Chapters in books

*Drius M.*, Pugnetti A., Bongiorni L. Disentangling trade-offs between the state of coastal ecosystems with human well-being and activities as a strategy addressing sustainable tourism. In: Exploring the Multiple Values of Nature - Connecting Ecosystems and People across Landscapes. *Accepted for publication (summer 2021)*

**Publications about the applicant**

The Ecosystem-Service Values of Italy's Coastal Dunes. OCTO (2019). DOI: 10.31230/osf.io/sqnr

**Further data**

Presentations at scientific conferences over past 3 years (invited or selected, keynote, nature and status of conference)

- *Drius M.*, Sams K.T., Knopper F., Brandenburg C., Wrbka T. Assessing landscape services as foundation for Green Infrastructure functionality: the case of the Biosphere Reserve Wienerwald. IALE 2019 World Congress, Milano, 1-5 July 2019
- Depellegrin D., *Drius M.*, Menegon S., Farella G., Zaggia L., Falchi F., Pugnetti A., Bongiorni L. Incorporating light pollution into cumulative effects assessment in coastal areas of the Italian Adriatic Sea. Symposium on promotion and protection of the night sky, Capraia Isola, 13-14 September 2018.
- *Drius M.*, Bongiorni L., Depellegrin D., Campanaro A., Pugnetti A. Developing proper indicators of tourism sustainability to protect Mediterranean coastal ecosystems. COAST Bordeaux 2017, Bordeaux, 7-10 November 2017

**Statement of interest**

Over the doctoral studies and then over the post-doctoral research activities I worked in various research institutes, strengthening my skills in project management and project communication. I worked in a multicultural environment, dealing also with non-academic partners and stakeholders. I prepared and submitted several project proposals, and I created my own course on systematic conservation planning, assessing at least 50 students every academic year. I am a very motivated conservationist and I endeavour to transfer my enthusiasm and knowledge to the students.

**Language competence**

Language	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	C1	C1	C1	C1	C1

Date  
05/07/2021

Signature

