

# CURRICULUM VITAE

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1. Family name: De Sanctis
2. First names: Michele
3. Date of birth: 20/03/1972
4. Passport Holder: Italian
5. Residence: ROME, ITALY
6. Education:

Institution [ Date from - Date to ]	Degree(s) or Diploma(s) obtained:
University of Rome "Sapienza" 20/02/2001	M.A. in Biological Science <i>magna cum laude</i> (flora and vegetation analysis, plant ecology).
University of Rome "Sapienza" 28/04/2005	Ph D in Botany (Flora, vegetation and biodiversity analysis of Rome's woodlands)
University of Rome "Torvergata"	Postdoc Implementation of the Floristic Database of the Observatory for Biodiversity of Lazio (O.B.L.)

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	5	4	4
Italian	Mother tongue		

8. **Other skills:** Computer skills: **Statistic and data analysis:** R. **Vegetation data Storage and Analysis:** Turboveg, Juice, Canoco, Syntax, Access. **GIS:** Qgis, Open Foris Collect; ArcGis 10.x. **Niche modelling:** R, Biomapper, DIVA-GIS, Maxent.

9. **Key qualifications:**

- Expert researcher and consultant (13 yrs exp) in the field of:
  - a. **Analysis of flora, vegetation, and landscape diversity:** coordination and execution of data collection field campaign; statistical and phytosociological analysis of floristic and vegetation data (e.g. see the paragraph Professional Experience Record underneath, and particularly n. 26, 25, 23, 19, 14, 12, 2-10).
  - b. **Production of thematic cartography with GIS software** (e.g. see the paragraph Professional Experience Record underneath, and particularly n. 29, 27, 23, 18, 7-9, 2-5).
  - c. **Elaboration of management plans for protected areas** (e.g. see the paragraph Professional Experience Record underneath, and particularly n. 28, 25, 23, 22, 19, 16, 12, 8, 6, 1).
  - d. **Elaboration of tabular and spatial database for the storage of landscape, vegetation and floristic data** (e.g. see the paragraph Professional Experience Record underneath, and particularly n. 27, 25, 23, 22, 21, 14, 11, 10, 8, 3-5).
- Worked in several sustainable development/natural resources management projects (mainly funded by the Official Development Assistance), undertaking **integrated analysis, modelling of the environment context and developing of management plans for protected areas**. The above has been developed particularly within the framework of the following projects/activities:
  - Franklinia Foundation Project "Conservation of the endangered endemic Boswellia trees on Socotra Island (Yemen)" FRANKLINIA foundation GZ4200021
  - EU - IPA Interreg Project "Defining, developing and implementing a participatory and ecosystem-based model for the overall objective of protecting and safeguarding marine and coastal resources, habitats and biodiversity (BLUE LAND) – CUP C75B17000490007
  - EU project titled: "IPA 2013 - Strengthening national capacity in nature protection - preparation for NATURA 2000 network", Reference: EuropeAid/135803/L/ACT/AL (Albania)
  - FAO project titled: "Technical support to the Papua New Guinea Forest Authority to implement a multi-purpose National Forest Inventory" (Papua New Guinea)
  - Italian Co-operation project titled: "Institutional Support to the Albanian Ministry of Environment, Forest and Water Administration (MoEFWA) for Sustainable Biodiversity Conservation and Use in Protected Areas and the Management of Waste" (Albania)

- Italian Co-operation project titled: “CuDaRAT, or Capacities Development for Soqatra Archipelago Conservation(Yemen)”
- UNDP project titled “Sustainable Development and Biodiversity Conservation for the People of Socotra Islands (SCDP)”

For details, see paragraph 3,6, 10 Professional Experience Record underneath.

<b>International working experience</b>	
<b>Country</b>	<b>Date from – to</b>
<b>Yemen</b>	January 2020 - ongoing
<b>Albania-Montenegro</b>	January 2019 - ongoing
<b>Yemen</b>	March 2018-ongoing
<b>Papua New Guinea</b>	July 2015-15/10/2017
<b>Albania</b>	January 2016-May 2019
<b>Albania</b>	April 2012-November 2013
<b>Yemen</b>	January-February 2008 February-March 2009 December 2009 February-March 2010 October-November 2010

## 10. Professional Experience Record:

	Date	Location	Company	Position	Description
30	01/01/2020	Yemen	<b>Mendel University in Brno (MENDELU), Czech Republic</b> Ref: Petr Maděra <a href="mailto:petrmad@mendelu.cz">petrmad@mendelu.cz</a>	<b>Botanist</b>	In the framework of the Project "Conservation of the endangered endemic Boswellia trees on Socotra Island (Yemen)" funded by Franklinitia Foundation, my specific activities are: <ul style="list-style-type: none"> <li>- A.1.1.1: Training of local experts in Boswellia species estimation and field survey;</li> <li>- A.1.2.1: Boswellia species Inventory;</li> <li>- A.1.3.1: Threat assessment;</li> <li>- A.2.1.1: Seed germinations trials</li> </ul>
29	16/08/2019	Montenegro	<b>University of Montenegro - Institute of Marine Biology Kotor</b> Ref: Ana Pesic <a href="mailto:pesica@ucq.ac.me">pesica@ucq.ac.me</a>	<b>Botanist and GIS Expert</b>	Within the framework of the IPA Interreg Project "Participatory model for the sustainable management of marine and coastal resources and for cross border habitats, biodiversity and ecosystem services safeguard – BLUE LAND": <ul style="list-style-type: none"> <li>- Field investigations for botanical study and mapping of vegetation, Natura 2000 Habitats and Ecosystem (sensu MAES) GIS maps of the Velika Plaza and Bojana river protected area</li> </ul>
28	04/01/2019	Albania/Montenegro	<b>CIHEAM (International Centre for Advanced Mediterranean Agronomic Studies)</b> Ref: Massimo Zuccaro <a href="mailto:zuccaro@iamb.it">zuccaro@iamb.it</a>	<b>Ecosystem services expert</b>	Within the framework of the IPA Interreg Project "Defining, developing and implementing a participatory and ecosystem-based model for the overall objective of protecting and safeguarding marine and coastal resources, habitats and biodiversity (BLUE LAND) – CUP C75B17000490007: <ul style="list-style-type: none"> <li>- Report and dataset on identification and characterization of ecosystems and related ecosystem services of BLUE LAND areas</li> <li>- List of common and specific indicators for management options evaluation</li> <li>- Monitoring protocols for indicators assessment</li> <li>- Technical report describing harmonized definitions and procedures about ecosystem services, indicators, management options and monitoring activities</li> </ul>
27	03/2018 ongoing	Yemen	Ref: Uwe Zajanz <a href="mailto:Uwe.Zajanz@senckenberg.de">Uwe.Zajanz@senckenberg.de</a>	<b>Botanist and Open Foris - Collect Expert</b>	Land assessment of Socotra Archipelago for the sustainable development using <b>Open Foris – Collect Earth</b>
26	01/02/2018- 31/01/2019	Italy	University of Rome "Sapienza" Department of Environmental Biology Ref: Prof. Fabio Attorre, (39)0649912445 <a href="mailto:fabio.atorre@uniroma1.it">fabio.atorre@uniroma1.it</a>	<b>Botanist</b>	Grant research: "Identification of important areas for plant diversity conservation in tropical forests through high resolution techniques". The research has been carried out in the framework of the development of the agreement between FAO and Sapienza University of Rome: "Support for Capacity Building for Research Skills, Data Analysis and Reporting of Papua New Guinea's National Forest Inventory: Statistical Analyses of Ecological and Biological Data"
25	04/01/2016 31/03/2019	Albania	EU (European Union) Ref: Caterina Carugati <a href="mailto:caterina.carugati@itacalbania.org">caterina.carugati@itacalbania.org</a>	<b>Team leader Botanist</b>	Within the framework of the Project "IPA 2013 - Strengthening national capacity in nature protection – preparation for Natura 2000 network" (Albania): <ul style="list-style-type: none"> <li>▪ Complete a detailed study covering the territory of selected five Protected Areas, including <b>habitat mapping</b> in accordance with the EU Habitats Directive;</li> <li>▪ Develop the <b>Management Plans</b> of the selected areas;</li> <li>▪ Elaborate preliminary list of potential NATURA 2000 sites for Albania;</li> <li>▪ Complete Natura 2000 files (SDFs) and hand over to responsible authorities;</li> <li>▪ Assist Albanian authorities in the preparation of project proposals in view of future LIFE+ or LEADER programs for selected Protected Areas</li> </ul>
24	16/07/2015- 15/10/2017	Papua New Guinea	FAO (Food Agricultural Organization of the United Nations)-DGCS (General direction development cooperation) Ref: Giorgio Grussu <a href="mailto:Giorgio.Grussu@fao.org">Giorgio.Grussu@fao.org</a>	<b>Botanist and Open Foris Collect Expert</b>	Within the framework of the Project "Technical support to the Papua New Guinea Forest Authority to implement a multi-purpose National Forest Inventory": <ul style="list-style-type: none"> <li>▪ Produce the proposal for <b>biodiversity data collection/assessment</b> methodology;</li> <li>▪ Develop a Collect Biodiversity interface in FAO's open source software <b>Open Foris - Collect</b>;</li> <li>▪ Test the methodology in the field and to train the relevant PNG FA teams;</li> </ul>

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30	01/01/2020	Yemen	<b>Mendel University in Brno (MENDELU), Czech Republic</b> Ref: Petr Maděra <a href="mailto:petrmad@mendelu.cz">petrmad@mendelu.cz</a>	<b>Botanist</b>	In the framework of the Project "Conservation of the endangered endemic Boswellia trees on Socotra Island (Yemen)" funded by Franklinia Foundation, my specific activities are: <ul style="list-style-type: none"> <li>- A.1.1.1: Training of local experts in Boswellia species estimation and field survey;</li> <li>- A.1.2.1: Boswellia species Inventory;</li> <li>- A.1.3.1.: Threat assessment;</li> <li>- A.2.1.1: Seed germinations trials</li> </ul>
					<ul style="list-style-type: none"> <li>▪ <b>Training</b> activities to local experts about <b>Open Foris Collect</b>, biodiversity assessment procedures.</li> </ul>
23	01/04/2012- 01/04/2014	Albania	IUCN (International Union for Conservation of Nature) Ref: Tomasz Pezold <a href="mailto:tomasz.pezold@iucn.org">tomasz.pezold@iucn.org</a>	<b>Team leader botanist</b>	Within the framework of the IUCN Project "Institutional Support to the Albanian Ministry of Environment, Forest and Water Administration for Sustainable Biodiversity Conservation and Use in Protected Areas (PAs)": <ul style="list-style-type: none"> <li>▪ Botanical field campaign and vegetation and habitat mapping of selected Pas;</li> <li>▪ <b>Develop tabular and spatial databases</b> for the integrated management of the Albanian protected areas network: <b>BioNNA Biodiversity National Network of Albania</b>;</li> <li>▪ Develop the <b>Management Plans</b> of the selected areas;</li> <li>▪ <b>Training</b> activities to local experts;</li> </ul>
22	01/04/2014 31/12/2015	Italy	University of Rome "Sapienza" Department of Environmental Biology Ref: Prof. Fabio Attorre, (39)0649912445 <a href="mailto:fabio.atorre@uniroma1.it">fabio.atorre@uniroma1.it</a>	<b>Plant ecology and database expert</b>	Grant research: " <b>Methodology for the developing of a georeferenced DataBase storing plant and vegetation data and of indicators to monitor the conservation status of Natura 2000 habitat</b> ". The research has been carried out in the framework of the development of the <b>National Network of Biodiversity of Italy (NNB)</b>
21	01/02/2011- 31/01/2013	Italy	University of Rome "Tor Vergata"/Environment Department of Lazio Region Ref: Prof. Valerio Sbordoni, (39)0672595950, <a href="mailto:valerio.sbordoni@uniroma2.it">valerio.sbordoni@uniroma2.it</a>	<b>Plant ecology expert</b>	Postdoc research grant for the " <b>Implementation of the floristic database of the O.B.L. (Biodiversity Observatory of Lazio Region)</b> and elaboration of conservation status indicators and monitoring guidelines of plant species, habitat and landscape of SIC (Site of Community Importance) and ZPS (Special Protection Zone) of Lazio Region".
20	December 2011	Italy	University of Rome "Sapienza" Ref: Prof. Franco Bruno, Department of Environmental Biology, (39)0649912445 <a href="mailto:franco.bruno@uniroma1.it">franco.bruno@uniroma1.it</a>	<b>Plant ecology and Data Base expert</b>	Give lectures for the academic course of "Laboratory of Environment GIS Cartography" about Turboveg, a database management instrument for vegetation data, and niche modelling software (Biomapper, DIVA-GIS, Maxent)..
19	October- November 2010 January 2010- March 2010	Yemen	PROGES/Italian Official Development Assistance-Ministry of Foreign Affairs Ref: Dr. Alfredo GUILLET, Italian Development Co-operation expert on Environment, (39)063691 <a href="mailto:alfredo.quillet@esteri.it">alfredo.quillet@esteri.it</a>	<b>Plant ecology expert</b>	Within the framework of the Italian Co-operation funded project <i>CuDaRAT</i> , or <i>Capacities Development for Socotra Archipelago Conservation</i> : <ul style="list-style-type: none"> <li>- Develop and implement through ad hoc training sessions and on-the-job training a three-year capacity building programme (focusing on monitoring and conservation of target species and habitat);</li> <li>- Contribute to design a specific Integrated Development Plan for Socotra Archipelago UNESCO World Heritage Site (environmental)</li> <li>- Implementation of the project "Seeds for Life" (see also paragraph n. 6) for <i>in-situ</i> and <i>ex-situ</i> conservation of target species and ecosystem restoration;</li> <li>- Training activities to local experts</li> </ul>
18	May-September 2010	Italy	Golder Associates S.r.l. Ref: Ing. Pietro Rescia, Associate-Technical Manager, (39) 0236102911, <a href="mailto:prescia@golder.com">prescia@golder.com</a>	<b>Plant ecology and GIS expert</b>	Environmental impact assessment concerning the rearrangement of the electricity network of Rome. Specifically coordinate and execute field collection campaigns for the analysis of the flora and vegetation involved in the project, the <b>production of a vegetation map</b> using ArcGis9.3, the evaluation of the impacts of the project on their conservation status, the proposal of strategies for the mitigation of disturb.
17	February-June 2010	Italy	University of Rome "Sapienza" Ref: Prof. Franco Bruno, Department of Environment Biology,	<b>Plant ecology and GIS expert</b>	Give lectures for the academic course of "Laboratory of Environment GIS Cartography" about how to use ArcGis, in the production of vegetation maps, and niche modelling software.

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30	01/01/2020	Yemen	<b>Mendel University in Brno (MENDELU), Czech Republic</b> Ref: Petr Maděra <a href="mailto:petrmad@mendelu.cz">petrmad@mendelu.cz</a>	<b>Botanist</b>	In the framework of the Project "Conservation of the endangered endemic Boswellia trees on Socotra Island (Yemen)" funded by Franklinia Foundation, my specific activities are: <ul style="list-style-type: none"> <li>- A.1.1.1: Training of local experts in Boswellia species estimation and field survey;</li> <li>- A.1.2.1: Boswellia species Inventory;</li> <li>- A.1.3.1.: Threat assessment;</li> <li>- A.2.1.1: Seed germinations trials</li> </ul>
			(39)0649912445 <a href="mailto:franco.bruno@uniroma1.it">franco.bruno@uniroma1.it</a>		
16	December 2009	Yemen	PROGES/Italian Official Development Assistance-Ministry of Foreign Affairs Ref: Dr Alfredo GUILLET, Italian Development Co-operation expert on Environment, (39)063691 <a href="mailto:alfredo.quillet@esteri.it">alfredo.quillet@esteri.it</a>	<b>Plant ecology expert</b>	Design and start up of a specific integrated (i.e. taking into account all three dimensions of sustainable development: environment, social and economic) initiative (including budgeting) to be funded within the umbrella of the Italian Programme CuDaRAT: the Project " <b>Seeds for Life</b> " for <i>in-situ</i> and <i>ex-situ</i> conservation of endemic endangered species of Socotra. The startup of the project was the identification of the necessary <i>furnitures</i> and the choice of the focal localities and of the local staff involved in the project, in according to local stakeholders.
15	January-September 2009	Italy	University of Rome "Sapienza"/C.N.R. (National Research Council) Ref: DrMarcello Vitale, Department of Environment Biology, (39)0649912445 <a href="mailto:marcello.vitale@uniroma1.it">marcello.vitale@uniroma1.it</a>	<b>Plant ecology and GIS expert</b>	Involved in the project "Climate change impacts on carbon storage capacity of Italian forests" for the elaboration of present and future distribution maps of target species using different niche modelling approaches.
14	September-October 2009	Italy	University of Rome "Sapienza" Ref: Prof. Franco Bruno, Department of Environment Biology, (39)0649912445 <a href="mailto:franco.bruno@uniroma1.it">franco.bruno@uniroma1.it</a>	<b>Plant ecology and Data Base expert</b>	Data storage, using Turboveg software, and statistical multivariate analysis (using Juice and Syntax2000 software) of the vegetation relevés and niche modelling of target species using distribution data collected on Socotra Island during the mission of January-February 2009. <b>The "Socotra Vegetation Database"</b> has been registered in the GIVD (Global Index of Vegetation Database) and EVA (European Vegetation Archive) with ID: AS-YE-001.
13	February-June 2009	Italy	University of Rome "Sapienza" Ref: Prof. Franco Bruno, Department of Environment Biology, (39)0649912445 <a href="mailto:franco.bruno@uniroma1.it">franco.bruno@uniroma1.it</a>	<b>Plant ecology and GIS expert</b>	Give lectures for the academic course of "Laboratory of Environment GIS Cartography" about how to use ArcGis, in the production of vegetation maps, and niche modelling software.
12	04/01/2008 04/01/2009	Rome and Soqotra (Yemen)	PROGES (private consultancy firm)/United Nations Development Program Ref: Dr Marco FALCETTA, CEO, (39)3382903432 <a href="mailto:marco.falcetta@progesconsulting.it">marco.falcetta@progesconsulting.it</a>	<b>Plant ecology expert</b>	Analysis of flora and vegetation of Socotra Archipelago. Specifically coordinate and execute vegetation data collection campaigns of the different environments, identification of their conservation status and major threats; identification of key inherent inter-sector connections between environment and other areas (water, energy, socio-economy etc.); development of a context-based set of indicators of the conservation status of flora and vegetation; elaboration of monitoring guidelines of the conservation status; elaboration of proper "Management Options". This is within the framework of a UNDP project titled <i>Sustainable Development and Biodiversity Conservation for the People of Socotra Islands (SCDP)</i> .
11	March 2007-December 2008	Italy	University of Rome "Sapienza"/ARP (Regional Parks Agency) Ref: Dr Anna Testi, Department of Environment Biology, (39)0649917132 <a href="mailto:anna.testi@uniroma1.it">anna.testi@uniroma1.it</a>	<b>Plant ecology expert</b>	Research grant for the analysis of the distribution of micro-habitat (sensu 92/43 EEC Habitat Directive) and elaboration of indicators for the monitoring of their conservation status in Lazio Region. Specifically coordinate and execute vegetation data collection field campaigns, <b>elaboration of a geo-database with information about distribution, composition and conservation status</b> of the habitat identified, and production of guidelines for their monitoring using specific indexes.
10	February 2007-November 2008	Italy	University of Rome "Tor Vergata"/Environment Department of Lazio Region Ref: Prof. Valerio Sbordoni,	<b>Plant ecology and Data Base expert</b>	Research grant for developing a geo-database (ArcGis 9.2 software) about the distribution of habitat and species included in the Habitat Directive (92/43 EEC) and indicators of their conservation status in Lazio Region.

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30	01/01/2020	Yemen	<b>Mendel University in Brno (MENDELU), Czech Republic</b> Ref: Petr Maděra <a href="mailto:petrmad@mendelu.cz">petrmad@mendelu.cz</a>	<b>Botanist</b>	In the framework of the Project "Conservation of the endangered endemic Boswellia trees on Socotra Island (Yemen)" funded by Franklina Foundation, my specific activities are: - A.1.1.1: Training of local experts in Boswellia species estimation and field survey; - A.1.2.1: Boswellia species Inventory; - A.1.3.1.: Threat assessment; - A.2.1.1: Seed germinations trials
			(39)0672595950, <a href="mailto:valerio.sbordoni@uniroma2.it">valerio.sbordoni@uniroma2.it</a>		
9	June 2006-May 2007 and June 2005-May 2006	Italy	University of Rome "Sapienza"/CNR (National Centre of Research) <b>Ref:</b> Prof. Franco Bruno, Department of Environment Biology, (39)0649912445 <a href="mailto:franco.bruno@uniroma1.it">franco.bruno@uniroma1.it</a>	<b>Plant ecology expert</b>	Research grant, within the framework of the CONECOFOR project, for the vegetation analysis of forests of Central Italy, interpolation of data with geostatistic techniques, production of distribution map of target species using different niche modelling approaches. Specifically coordinate and execute data collection field campaign, storage of data collected in geo-database, geostatistical analysis of data for niche-modelling.
8	November 2004-September 2005	Italy	SAGIS s.r.l./Environment Department of Lazio Region <b>Ref.:</b> Dr Caludio Cattena, <a href="mailto:ccattena@regionelazio.it">ccattena@regionelazio.it</a>	<b>Plant ecology expert</b>	Participatory planning of a management plan of the Navegna and Cervia Mountains Reserve. Specifically coordinate and execute vegetation data collection field campaigns, elaborate vegetation, <b>floristic and habitat map using GIS software</b> , identify proper conservation strategies and management options.
7	February 2004-October 2006	Italy	Coop. Pineto2000 s.r.l./Environment Department of Rome Province <b>Ref:</b> Dr Paolo Cazzagon (39)0633066 <a href="mailto:pineto2000@virgilio.it">pineto2000@virgilio.it</a>	<b>Plant ecology expert</b>	Develop a <b>web-geo-database</b> of vegetation (phytosociological, sinphytosociological and geosynphytosociological data) and floristic data of the Province of Rome. Specifically coordinate and execute data collection field campaigns, storage of data in a web-geo-database, elaboration of vegetation map.
6	October 2003-September 2004	Italy	A.R.P. (Regional Agency for Protected areas) <b>Ref:</b> Dr Ivana Pizzol <a href="mailto:pizzol.arp@parchilazio.it">pizzol.arp@parchilazio.it</a>	<b>Plant ecology and GIS expert</b>	Elaboration of the management plan of the ZPS (Special Protection Zone) of the Lepini Mountains. Specifically coordinate and execute vegetation and floristic data collection field campaigns, elaboration of a vegetation and habitat map, identify proper conservation strategies and management options.
5	June-September 2003	Italy	Coop. Pineto2000 s.r.l./Abruzzo National Park <b>Ref:</b> Dr Paolo Cazzagon (39)0633066 <a href="mailto:pineto2000@virgilio.it">pineto2000@virgilio.it</a>	<b>Plant ecology expert</b>	Plan of botanical mountain paths in the Abruzzo National Park. Specifically coordinate and execute data field campaigns, elaboration of botanical descriptions of the different environments for the production of popular billboards.
4	February-October 2002	Italy	University of Rome "Sapienza"/ Environment Department of Lazio Region <b>Ref:</b> Dr Franco Bruno, Department of Environment Biology, (39)0649912445 <a href="mailto:franco.bruno@uniroma1.it">franco.bruno@uniroma1.it</a>	<b>Plant ecology and GIS expert</b>	Develop a <b>geo-database information system for the Regional Park of Marturanum</b> . Specifically coordinate and execute a data collection field campaigns for the updating of a preexisting vegetation map and production of informatics maps, with ArcView3.2, from cretaceous thematic maps included in the management plan of the Park.
3	April 2002-December 2002	Italy	University of Rome "Sapienza"/ Environment Department of Lazio Region <b>Ref:</b> Prof. Franco Bruno, Department of Environment Biology, (39)0649912445 <a href="mailto:franco.bruno@uniroma1.it">franco.bruno@uniroma1.it</a>	<b>Plant ecology and GIS expert</b>	Develop a <b>geo-database information system for the Regional Park of Monti Lucretili</b> . Specifically coordinate and execute a data collection field campaigns for the updating of a preexisting vegetation map and production of informatics maps, with ArcView3.2, from paper thematic maps included in the management plan of the Park.
2	February 2001-November 2001	Italy	University of Rome "Sapienza"/ Environment Department of Lazio Region <b>Ref:</b> Prof. Franco Bruno, Department of Environment Biology, (39)0649912445 <a href="mailto:franco.bruno@uniroma1.it">franco.bruno@uniroma1.it</a>	<b>Plant ecology and GIS expert</b>	Develop a <b>geo-database information system for the Regional Park of Monti Simbruini</b> . Specifically coordinate and execute a data collection field campaigns for the updating of a preexisting vegetation map and production of informatics maps, with ArcView3.2, from paper thematic maps included in the management plan of the Park.

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1	May 2001- September 2001	Italy	Coop. Pineto2000 s.r.l./WWF (World Wildlife Fund) Italia Ref: Dr Paolo Cazzagon (39)0633066 <a href="mailto:pineto2000@virgilio.it">pineto2000@virgilio.it</a>	<b>Plant ecology expert</b>	Elaboration of a floristic distribution map and a conservation status map of the dune system of "Litorale Park". Specifically coordinate and execute field botanical data collection campaigns, elaboration of a conservation status index of the dune system and of the above-mentioned maps.

## 11. Others (e.g. Publications):

- Midolo, G., Herben, T., Axmanová, I., Marcenò, C., Pätsch, R., Bruehlheide, H., ..., **De Sanctis M.**, ... & Chytrý, M. (2023). Disturbance indicator values for European plants. *Global Ecology and Biogeography*.
- Sabatini, F. M., Jiménez-Alfaro, B., Jandt, U., Chytrý, M., Field, R., Kessler, M., ... **De Sanctis M.**, ... & Bruehlheide, H. (2022). Global patterns of vascular plant alpha diversity. *Nature communications*, 13(1), 4683.
- Puchałka R., Klisz M., Koniakin S., Czortek P., Dylewski L., Paż-Dyderska S., Vítková M., Sádlo J., Rašomavičius V., Andraž Čarni A., **De Sanctis M.**, Dyderski M.K. 2022. Citizen science helps predictions of climate change impact on flowering phenology: A study on *Anemone nemorosa*. *Agricultural and Forest Meteorology*, 325: 109133. DOI: 10.1016/j.agrformet.2022.109133
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